

Supplementary Table 2. Peaks associated with ratios RER/WT 0.1-0.8

Gene	Peak Number	Gene Strand	Chr	WT_start	WT_end	RER_start	RER_end	WT_FC	RER_FC	FC_ratio (RER_FC - WT_FC)
Akap13	39	+	chr7	82757061	82757198	82757071	82757142	6.894818	4.584963	-2.309855
Zfp36l2	65	-	chr17	84515940	84516011	84515890	84515984	6.686501	4.392317	-2.294184
Zc3hav1	116	-	chr6	38291776	38291810	38291732	38291842	6.375039	4.087463	-2.287576
Btbd9	163	-	chr17	30484217	30484313	30484264	30484377	6.189825	3.906891	-2.282934
Zdhhc19	1	+	chr16	32509807	32509887	32509811	32509877	7.787903	5.523562	-2.264341
Apeh	88	-	chr9	107997454	107997527	107997473	107997501	6.554589	4.321928	-2.232661
Adrb2	151	-	chr18	62325896	62325997	62325930	62325979	6.228819	4	-2.228819
Mns1	90	+	chr9	72257215	72257288	72257202	72257297	6.539159	4.321928	-2.217231
1110020G09Rik	55	+	chr15	9004549	9004651	9004488	9004557	6.72792	4.523562	-2.204358
Smpd4	161	+	chr16	17638430	17638556	17638463	17638517	6.189825	4	-2.189825
Gse1	142	+	chr8	123011017	123011099	123011069	123011130	6.266787	4.087463	-2.179324
Trim10	108	+	chr17	37006341	37006421	37006347	37006375	6.426265	4.247928	-2.178337
Pdzk1ip1	24	+	chr4	114768487	114768557	114768483	114768569	7.033423	4.857981	-2.175442
Ifrd2	94	+	chr9	107489701	107489782	107489725	107489795	6.491853	4.321928	-2.169925
Gan	169	+	chr8	119722427	119722509	119722376	119722506	6.169925	4	-2.169925
Adipor1	170	+	chr1	136323023	136323099	136323011	136323040	6.169925	4	-2.169925
Myd116	13	-	chr7	52780251	52780349	52780305	52780385	7.159871	5	-2.159871
Fam109b	47	+	chr15	82172473	82172512	82172485	82172559	6.78136	4.643856	-2.137504
Mknk1	118	+	chr4	115522024	115522111	115521996	115522025	6.375039	4.247928	-2.127111
Plagl2	120	-	chr2	153066623	153066679	153066612	153066709	6.375039	4.247928	-2.127111
Tmem131	23	-	chr1	36976775	36976864	36976601	36976790	7.055282	4.954196	-2.101086
Bzrpl1	228	-	chr17	48590128	48590208	48590155	48590196	6	3.906891	-2.093109
Hk1	230	-	chr10	61805510	61805540	61805555	61805583	6	3.906891	-2.093109
Prpf18	123	-	chr2	4482359	4482501	4482432	4482534	6.33985	4.247928	-2.091922
Smad6	125	-	chr9	63893130	63893204	63893095	63893204	6.33985	4.247928	-2.091922
1500012F01Rik	42	+	chr2	166869090	166869165	166869004	166869084	6.820179	4.754888	-2.065291
Spnb1	133	-	chr12	77811045	77811113	77811007	77811046	6.303781	4.247928	-2.055853
H2afy3	155	-	chr15	62052834	62052898	62052749	62052810	6.209453	4.169925	-2.039528
Stom	185	-	chr2	35191992	35192115	35192003	35192031	6.108524	4.087463	-2.021061
Pigq	189	-	chr17	26079774	26079930	26079785	26079930	6.108524	4.087463	-2.021061
Supt4h1	128	+	chr11	87539865	87539941	87539824	87539882	6.33985	4.321928	-2.017922

Bat2l	4	+	chr2	31983736	31983792	31983748	31983846	7.392317	5.392317	-2
Vamp8	98	-	chr6	72339748	72339794	72339717	72339805	6.459432	4.459432	-2
Nfe2	148	-	chr15	103082193	103082254	103082150	103082256	6.247928	4.247928	-2
E2f2	179	+	chr4	135734006	135734070	135734024	135734075	6.129283	4.169925	-1.959358
Slc45a4	212	-	chr15	73466136	73466222	73466152	73466180	6.044394	4.087463	-1.956931
Pik3r1	465	-	chr13	102315991	102316022	102315991	102316020	6.044394	4.087463	-1.956931
Ppox	30	-	chr1	173211103	173211195	173211088	173211161	6.954196	5	-1.954196
Fam82a2	266	-	chr2	118981261	118981341	118981339	118981368	5.857981	3.906891	-1.95109
Cpox	21	+	chr16	58670236	58670313	58670289	58670317	7.076816	5.129283	-1.947533
D330022A01Rik	6	+	chr9	107885058	107885149	107885069	107885148	7.330917	5.392317	-1.9386
Atp6v0a1	279	+	chr11	100871427	100871499	100871470	100871499	5.83289	3.906891	-1.925999
Eif5	281	+	chr12	112773635	112773664	112773661	112773689	5.83289	3.906891	-1.925999
Kcnn4	5	+	chr7	25162188	25162291	25162197	25162237	7.348728	5.426265	-1.922463
Map3k7ip1	197	+	chr15	79961230	79961304	79961266	79961322	6.087463	4.169925	-1.917538
Ranbp10	7	-	chr8	108344999	108345095	108345018	108345105	7.303781	5.392317	-1.911464
Gata1	61	-	chrX	7548573	7548623	7548600	7548657	6.714246	4.807355	-1.906891
Gypc	16	-	chr18	32702204	32702265	32702195	32702287	7.139551	5.247928	-1.891623
Cited4	215	+	chr4	120347516	120347583	120347518	120347565	6.044394	4.169925	-1.874469
Slc43a1	299	+	chr2	84682280	84682338	84682359	84682388	5.78136	3.906891	-1.874469
St3gal4	49	-	chr9	34930316	34930409	34930353	34930437	6.768184	4.906891	-1.861293
Hemgn	172	-	chr4	46417072	46417114	46417001	46417074	6.169925	4.321928	-1.847997
Ly6g5c	152	+	chr17	35241862	35241891	35241858	35241963	6.228819	4.392317	-1.836502
5730593F17Rik	72	+	chr11	95218111	95218223	95218079	95218402	6.643856	4.807355	-1.836501
Efh2	274	-	chr4	141431212	141431268	141431219	141431252	5.83289	4	-1.83289
Prdx2	158	+	chr8	87495040	87495106	87495015	87495096	6.209453	4.392317	-1.817136
Prkce	377	+	chr17	86712875	86712925	86712918	86712946	5.61471	3.807355	-1.807355
Tmem222	216	-	chr4	132842030	132842106	132841981	132842039	6.044394	4.247928	-1.796466
Tagln2	213	+	chr1	174456991	174457053	174456970	174457105	6.044394	4.247928	-1.796466
Cox4i2	242	+	chr2	152614969	152615028	152614945	152615052	5.954196	4.169925	-1.784271
Ccdc9	36	-	chr7	16880350	16880457	16880365	16880434	6.906891	5.129283	-1.777608
Tomm7	83	-	chr5	23428788	23428871	23428785	23428823	6.584963	4.807355	-1.777608
Tmcc2	32	-	chr1	134264531	134264603	134264534	134264598	6.930737	5.169925	-1.760812
Pnma1	306	-	chr12	85516656	85516766	85516741	85516770	5.754888	4	-1.754888
Mobkl2a	10	-	chr10	80160733	80160762	80160734	80160768	7.276124	5.523562	-1.752562

Pga5	182	-	chr19	10735970	10736053	10735999	10736054	6.129283	4.392317	-1.736966
Pklr	356	+	chr3	88936399	88936482	88936376	88936404	5.643856	3.906891	-1.736965
Agfg2	56	-	chr5	138127547	138127576	138127506	138127558	6.72792	5	-1.72792
P2ry1	190	+	chr3	60589265	60589294	60589204	60589255	6.108524	4.392317	-1.716207
Cdyl	261	+	chr13	35707197	35707264	35707185	35707270	5.882643	4.169925	-1.712718
Rcbtb2	247	+	chr14	73523724	73523753	73523722	73523798	5.954196	4.247928	-1.706268
Usp3	342	-	chr9	66468600	66468629	66468598	66468648	5.70044	4	-1.70044
Pim1	138	+	chr17	29575486	29575556	29575489	29575569	6.285402	4.584963	-1.700439
Ccdc44	1047	+	chr11	105927996	105928239	105928065	105928094	4.026725	2.327539	-1.699186
2410004B18Rik	203	+	chr3	145602517	145602559	145602505	145602553	6.087463	4.392317	-1.695146
1810009O10Rik	73	-	chr11	78585550	78585614	78585601	78585661	6.643856	4.954196	-1.68966
Slc25a38	425	+	chr9	120024823	120024953	120024987	120025015	5.491853	3.807355	-1.684498
Rpl6	84	+	chr5	121686309	121686394	121686330	121686406	6.584963	4.906891	-1.678072
Wdr26	222	-	chr1	183187531	183187643	183187469	183187667	6	4.321928	-1.678072
Ormdl3	229	-	chr11	984444628	984444695	984444647	984444675	6	4.321928	-1.678072
Tal1	69	+	chr4	114729248	114729338	114729228	114729282	6.658211	5	-1.658211
Mgat4b	191	+	chr11	50038428	50038495	50038415	50038522	6.108524	4.459432	-1.649092
Hscb	401	-	chr5	111265131	111265218	111265136	111265175	5.554589	3.906891	-1.647698
Cbfa2t3	33	-	chr8	125244378	125244471	125244382	125244469	6.930737	5.285402	-1.645335
Fam53b	357	-	chr7	139964317	139964366	139964303	139964387	5.643856	4	-1.643856
Mdga1	53	-	chr17	29996890	29996966	29996881	29996932	6.72792	5.087463	-1.640457
Arhgap17	113	-	chr7	130509829	130509916	130509852	130509899	6.392317	4.754888	-1.637429
Slc20a1	157	+	chr2	129052200	129052286	129052191	129052281	6.209453	4.584963	-1.62449
Bid	421	-	chr6	120906787	120906889	120906781	120906809	5.523562	3.906891	-1.616671
Paqr7	467	+	chr4	134050900	134050939	134050900	134050928	5.70044	4.087463	-1.612977
Spnb1	48	-	chr12	77774865	77774921	77774849	77774974	6.78136	5.169925	-1.611435
Oaf	249	-	chr9	43042803	43042848	43042776	43042881	5.930737	4.321928	-1.608809
Art4	28	-	chr6	136806225	136806314	136806200	136806346	6.965784	5.357552	-1.608232
Rap1a	221	-	chr3	105611541	105611675	105611589	105611681	6	4.392317	-1.607683
Slc20a1	227	+	chr2	129053655	129053733	129053649	129053715	6	4.392317	-1.607683
Prkab1	176	-	chr5	116479136	116479242	116479152	116479212	6.129283	4.523562	-1.605721
Ifngr2	74	+	chr16	91545871	91545961	91545894	91545990	6.643856	5.044394	-1.599462
Eef2k	75	+	chr7	128018837	128018927	128018871	128018926	6.629357	5.044394	-1.584963
Slc14a1	257	-	chr18	78320850	78320887	78320787	78320864	5.906891	4.321928	-1.584963

Zcchc6	194	-	chr13	59915746	59915783	59915766	59915851	6.108524	4.523562	-1.584962
Haao	432	-	chr17	84358578	84358640	84358666	84358694	5.491853	3.906891	-1.584962
Cd24a	480	+	chr10	43345528	43345581	43345492	43345520	5.392317	3.807355	-1.584962
Cebpe	87	-	chr14	55324792	55324867	55324732	55324863	6.554589	5	-1.554589
Adamts15	293	-	chr10	79807197	79807283	79807220	79807283	5.78136	4.247928	-1.533432
Disc1	332	+	chr8	127657840	127657927	127657804	127657834	5.70044	4.169925	-1.530515
Rbm38	68	+	chr2	172860705	172860763	172860690	172860802	6.658211	5.129283	-1.528928
Cdh23	418	-	chr10	60040257	60040338	60040327	60040356	5.523562	4	-1.523562
Lgals1	209	+	chr15	78753239	78753324	78753259	78753366	6.044394	4.523562	-1.520832
GlrX5	466	+	chr12	106272731	106272825	106272717	106272745	5.426265	3.906891	-1.519374
Atp2b4	153	-	chr1	135722316	135722413	135722352	135722392	6.209453	4.70044	-1.509013
Smad7	174	+	chr18	75421980	75422066	75422007	75422102	6.149747	4.643856	-1.505891
Gcnt1	175	-	chr19	17398000	17398073	17397995	17398077	6.149747	4.643856	-1.505891
D1Ert622e	351	-	chr1	99557647	99557735	99557629	99557677	5.672425	4.169925	-1.5025
Prkab1	244	-	chr5	116476665	116476780	116476714	116476742	5.954196	4.459432	-1.494764
Gtf3c5	43	-	chr2	28457850	28457922	28457814	28457896	6.807355	5.321928	-1.485427
Tiam1	284	-	chr16	90044411	90044498	90044399	90044468	5.807355	4.321928	-1.485427
Phc1	318	-	chr6	122343742	122343838	122343756	122343869	5.72792	4.247928	-1.479992
Gadd45a	328	-	chr6	66984689	66984718	66984679	66984708	5.72792	4.247928	-1.479992
Exoc6	359	+	chr19	37568703	37568789	37568717	37568784	5.643856	4.169925	-1.473931
Tkt	361	+	chr14	31375170	31375291	31375261	31375289	5.643856	4.169925	-1.473931
Dcun1d1	255	-	chr3	35822514	35822614	35822532	35822629	5.930737	4.459432	-1.471305
Ache	168	+	chr5	137731062	137731146	137731054	137731156	6.169925	4.70044	-1.469485
Ank1	400	+	chr8	24145492	24145573	24145465	24145507	5.554589	4.087463	-1.467126
Clint1	451	+	chr11	45619012	45619098	45618965	45618994	5.459432	4	-1.459432
Rftn1	25	-	chr17	50159789	50159875	50159814	50159892	7.011227	5.554589	-1.456638
Tnk2	499	+	chr16	32666169	32666263	32666197	32666232	5.357552	3.906891	-1.450661
Syf2	71	+	chr4	134537944	134538007	134537953	134538002	6.658211	5.209453	-1.448758
Pabpc1	79	-	chr15	36577860	36577950	36577853	36577938	6.61471	5.169925	-1.444785
Mrm1	177	-	chr11	84637232	84637287	84637293	84637361	6.129283	4.70044	-1.428843
Samd14	463	+	chr11	94873522	94873615	94873587	94873642	5.426265	4	-1.426265
Tom1l1	259	-	chr11	90588881	90588935	90588833	90588967	5.882643	4.459432	-1.423211
Gse1	9	+	chr8	122895804	122895896	122895744	122895849	7.276124	5.857981	-1.418143
Tspan32	286	+	chr7	150192427	150192494	150192408	150192484	5.807355	4.392317	-1.415038

2310035K24Rik	290	+	chr2	131035265	131035352	131035243	131035279	5.807355	4.392317	-1.415038
Ggta1	530	-	chr2	35361904	35361974	35361899	35361933	5.321928	3.906891	-1.415037
Glul	314	+	chr1	155881123	155881215	155881123	155881224	5.72792	4.321928	-1.405992
Gramd4	590	+	chr15	85935857	85935944	85935915	85935943	5.209453	3.807355	-1.402098
Slc9a1	210	+	chr4	132969199	132969227	132969190	132969230	6.044394	4.643856	-1.400538
Wnk4	360	+	chr11	101121467	101121550	101121517	101121560	5.643856	4.247928	-1.395928
Uros	488	-	chr7	140889821	140889894	140889858	140889897	5.392317	4	-1.392317
Zdhhc14	302	+	chr17	5507176	5507205	5507112	5507198	5.78136	4.392317	-1.389043
Ptdss2	556	+	chr7	148317027	148317090	148317050	148317111	5.285402	3.906891	-1.378511
P2rx7	541	+	chr5	123102735	123102848	123102755	123102796	5.285402	3.906891	-1.378511
2310003H01Rik	117	-	chr11	120267297	120267355	120267287	120267388	6.375039	5	-1.375039
8030462N17Rik	452	-	chr18	77943587	77943669	77943588	77943649	5.459432	4.087463	-1.371969
Paqr9	368	+	chr9	95456766	95456795	95456809	95456873	5.61471	4.247928	-1.366782
Lipc	51	-	chr9	70682764	70682792	70682758	70682803	6.754888	5.392317	-1.362571
Rab4a	309	+	chr8	126321989	126322072	126322028	126322063	5.754888	4.392317	-1.362571
Endod1	510	-	chr9	14173832	14173917	14173824	14173920	5.357552	4	-1.357552
Hipk1	511	-	chr3	103603570	103603678	103603625	103603654	5.357552	4	-1.357552
Tspan33	514	+	chr6	29647703	29647760	29647685	29647713	5.357552	4	-1.357552
Klf11	517	+	chr12	25330865	25330940	25330851	25330936	5.357552	4	-1.357552
Lrrc8c	518	+	chr5	105952645	105952691	105952653	105952731	5.357552	4	-1.357552
Klhl22	416	+	chr16	17761290	17761409	17761288	17761409	5.523562	4.169925	-1.353637
Ak3	82	-	chr19	29139035	29139091	29139063	29139157	6.599913	5.247928	-1.351985
Svil	159	+	chr18	4944242	4944322	4944248	4944329	6.209453	4.857981	-1.351472
EG637027	390	-	chrX	84483646	84483675	84483668	84483763	5.576922	4.226689	-1.350233
Zfp385b	254	-	chr2	77353823	77353921	77353845	77353915	5.930737	4.584963	-1.345774
Nrxn3	208	+	chr12	90222893	90222980	90222866	90222958	6.044394	4.70044	-1.343954
Icam4	217	+	chr9	20833813	20833870	20833791	20833853	6.044394	4.70044	-1.343954
Eral1	37	-	chr11	77883287	77883329	77883356	77883384	6.894818	5.554589	-1.340229
Eif2ak1	129	+	chr5	144579931	144580031	144579964	144580032	6.33985	5	-1.33985
Add1	469	+	chr5	34915956	34915984	34915950	34915997	5.426265	4.087463	-1.338802
Intu	471	+	chr3	40379673	40379783	40379650	40379848	5.426265	4.087463	-1.338802
Tspan18	382	-	chr2	93194070	93194130	93194066	93194133	5.584963	4.247928	-1.337035
Med13l	66	+	chr5	118939135	118939186	118939170	118939222	6.686501	5.357552	-1.328949
Il10rb	150	+	chr16	91442156	91442248	91442173	91442257	6.228819	4.906891	-1.321928

Gpsn2	292	-	chr8	86124296	86124376	86124255	86124394	5.78136	4.459432	-1.321928
4931440F15Rik	426	-	chr11	29715398	29715460	29715428	29715487	5.491853	4.169925	-1.321928
Fam46c	659	-	chr3	100351554	100351627	100351583	100351611	5.129283	3.807355	-1.321928
Ccrn4l	336	+	chr3	50961055	50961136	50961053	50961133	5.70044	4.392317	-1.308123
Havcr2	340	+	chr11	46268315	46268399	46268314	46268405	5.70044	4.392317	-1.308123
Samm50	482	+	chr15	84040446	84040529	84040437	84040465	5.392317	4.087463	-1.304854
Asprv1	591	+	chr6	86587328	86587397	86587294	86587467	5.209453	3.906891	-1.302562
Micall2	54	-	chr5	140210144	140210179	140210063	140210174	6.72792	5.426265	-1.301655
Tmem184a	183	-	chr5	140280254	140280364	140280270	140280324	6.108524	4.807355	-1.301169
4933428G20Rik	127	+	chr11	97307437	97307492	97307447	97307518	6.33985	5.044394	-1.295456
Slc29a1	379	-	chr17	45730489	45730542	45730468	45730534	5.61471	4.321928	-1.292782
Trim58	283	+	chr11	58455245	58455333	58455266	58455321	5.807355	4.523562	-1.283793
Gfra4	291	-	chr2	130877949	130878022	130877993	130878022	5.807355	4.523562	-1.283793
Myl9	683	+	chr2	156608055	156608098	156608091	156608120	5.087463	3.807355	-1.280108
Epb4.1	64	-	chr4	131632772	131632815	131632779	131632878	6.70044	5.426265	-1.274175
Zfpm1	89	+	chr8	124810978	124811053	124810970	124811047	6.554589	5.285402	-1.269187
Rxra	77	+	chr2	27558908	27558979	27558935	27559015	6.61471	5.357552	-1.257158
Dyrk3	467	-	chr1	133022913	133023023	133022947	133023039	5.426265	4.169925	-1.25634
Btn1a1	239	-	chr13	23551281	23551360	23551367	23551401	5.954196	4.70044	-1.253756
Vangl1	186	-	chr3	101969832	101969948	101969865	101969985	6.108524	4.857981	-1.250543
Cyb5	435	+	chr18	85054491	85054567	85054523	85054570	5.491853	4.247928	-1.243925
AI467606	80	+	chr7	134235054	134235128	134235033	134235157	6.599913	5.357552	-1.242361
Fig4	81	-	chr10	40924901	40924960	40924861	40924957	6.599913	5.357552	-1.242361
A630007B06Rik	704	-	chr19	56874872	56874918	56874806	56874834	5.044394	3.807355	-1.237039
Iqsec1	722	-	chr6	90660010	90660049	90659992	90660020	5.044394	3.807355	-1.237039
4930417G10Rik	398	-	chr12	4686840	4686874	4686854	4686918	5.554589	4.321928	-1.232661
Trhr2	11	-	chr8	124845660	124845747	124845674	124845732	7.266787	6.044394	-1.222393
Umps	375	-	chr16	34031813	34031877	34031786	34031923	5.61471	4.392317	-1.222393
Efna5	644	-	chr17	63661781	63661914	63661930	63661958	5.129283	3.906891	-1.222392
Dapk2	651	+	chr9	66027749	66027785	66027785	66027813	5.129283	3.906891	-1.222392
Gan	344	+	chr8	119821969	119821997	119821951	119822003	5.672425	4.459432	-1.212993
Sgms1	19	-	chr19	32347148	32347225	32347140	32347227	7.118941	5.906891	-1.21205
BC031781	26	+	chr1	182781058	182781120	182781022	182781124	6.988685	5.78136	-1.207325
Sfpi1	413	+	chr2	90936837	90936909	90936815	90936937	5.523562	4.321928	-1.201634

Naglu	187	+	chr11	100925139	100925239	100925169	100925221	6.108524	4.906891	-1.201633
Mpg	17	+	chr11	32145719	32145815	32145778	32145833	7.129283	5.930737	-1.198546
Wdfy3	300	-	chr5	102474290	102474374	102474274	102474357	5.78136	4.584963	-1.196397
Rpp25	173	+	chr9	57353728	57353807	57353731	57353790	6.149747	4.954196	-1.195551
Dohh	104	+	chr10	80844888	80844982	80844903	80844993	6.442943	5.247928	-1.195015
Ank1	385	+	chr8	24164653	24164730	24164626	24164712	5.584963	4.392317	-1.192646
Trim59	273	-	chr3	68858804	68858900	68858775	68858858	5.83289	4.643856	-1.189034
Gps2	202	+	chr11	69729891	69729960	69729870	69729962	6.087463	4.906891	-1.180572
Ly6g6e	666	+	chr17	35216851	35216997	35216837	35216960	5.087463	3.906891	-1.180572
Lbr	233	-	chr1	183772630	183772720	183772617	183772682	5.97728	4.807355	-1.169925
Plcl2	444	+	chr17	50564536	50564609	50564592	50564620	5.491853	4.321928	-1.169925
Ddit4	615	-	chr10	59432875	59433129	59433002	59433150	5.169925	4	-1.169925
4933426M11Rik	59	+	chr12	81879366	81879423	81879353	81879440	6.714246	5.554589	-1.159657
1110034G24Rik	60	+	chr2	132521608	132521683	132521568	132521695	6.714246	5.554589	-1.159657
Rnd2	162	+	chr11	101346932	101347020	101346959	101347020	6.189825	5.044394	-1.145431
Ikzf1	324	+	chr11	11629336	11629427	11629330	11629416	5.72792	4.584963	-1.142957
Phf21a	298	+	chr2	92014546	92014664	92014549	92014660	5.78136	4.643856	-1.137504
Mare	703	-	chr11	32150990	32151052	32151004	32151033	5.044394	3.906891	-1.137503
Ermap	723	-	chr4	118862587	118862674	118862604	118862664	5.044394	3.906891	-1.137503
Clk3	198	-	chr9	57617507	57617621	57617525	57617592	6.087463	4.954196	-1.133267
Ccrl2	311	-	chr9	110959692	110959811	110959702	110959782	5.754888	4.643856	-1.111032
Tbc1d7	503	-	chr13	43288678	43288790	43288719	43288753	5.357552	4.247928	-1.109624
Fam46c	812	-	chr3	100240899	100241036	100240928	100240956	4.906891	3.807355	-1.099536
Tpm1	821	-	chr9	66872882	66872910	66872895	66872923	4.906891	3.807355	-1.099536
Rabif	822	+	chr1	136423621	136423708	136423628	136423656	4.906891	3.807355	-1.099536
Relt	243	-	chr7	107993039	107993123	107993049	107993115	5.954196	4.857981	-1.096215
Kel	397	-	chr6	41654305	41654382	41654319	41654404	5.554589	4.459432	-1.095157
Snhg10	668	-	chr12	106265991	106266104	106266009	106266037	5.087463	4	-1.087463
1110018G07Rik	685	-	chr12	86285226	86285284	86285197	86285225	5.087463	4	-1.087463
Mad1l1	322	-	chr5	140684811	140684890	140684817	140684890	5.72792	4.643856	-1.084064
Pik3r1	560	-	chr13	102381776	102381878	102381800	102381871	5.247928	4.169925	-1.078003
Fech	276	-	chr18	64651000	64651102	64651032	64651147	5.83289	4.754888	-1.078002
Atp8b1	522	-	chr18	64759394	64759463	64759369	64759496	5.321928	4.247928	-1.074
Btg2	235	-	chr1	135969831	135969933	135969813	135969896	5.97728	4.906891	-1.070389

D14Ert436e	101	-	chr14	48142227	48142298	48142228	48142293	6.459432	5.392317	-1.067115
Crhr1	456	+	chr11	103933998	103934328	103934101	103934155	5.459432	4.392317	-1.067115
Asb17	352	+	chr3	153455097	153455210	153455104	153455179	5.643856	4.584963	-1.058893
Nsd1	312	+	chr13	55291796	55291891	55291795	55291887	5.754888	4.70044	-1.054448
Foxd2	886	-	chr4	114336843	114336904	114336883	114336911	4.857981	3.807355	-1.050626
Lrrc20	889	+	chr10	60999273	60999351	60999332	60999360	4.857981	3.807355	-1.050626
St3gal1	238	-	chr15	66982822	66982923	66982859	66982962	5.954196	4.906891	-1.047305
Plxna1	773	-	chr6	89405874	89405971	89405856	89405906	4.954196	3.906891	-1.047305
Nudt19	719	-	chr7	36342031	36342119	36342065	36342107	5.044394	4	-1.044394
Lcp1	178	+	chr14	75538388	75538449	75538397	75538516	6.129283	5.087463	-1.04182
Sh3glb1	278	-	chr3	144333299	144333364	144333222	144333293	5.83289	4.807355	-1.025535
Recql5	205	-	chr11	115763031	115763087	115763024	115763116	6.066089	5.044394	-1.021695
Pkp1	193	-	chr1	137838339	137838419	137838325	137838415	6.108524	5.087463	-1.021061
Smtnl1	86	-	chr2	84652144	84652180	84652145	84652203	6.569856	5.554589	-1.015267
Epb4.1	354	-	chr4	131633346	131633444	131633345	131633453	5.643856	4.643856	-1
Gfi1	263	-	chr5	108188199	108188249	108188290	108188378	5.857981	4.857981	-1
Nme3	383	+	chr17	25039756	25039827	25039825	25039853	5.584963	4.584963	-1
Garnl4	623	-	chr11	74388770	74388808	74388834	74388863	5.169925	4.169925	-1
5730508B09Rik	639	-	chr3	127633356	127633417	127633404	127633433	5.169925	4.169925	-1
Ina	667	+	chr19	47063066	47063127	47063111	47063186	5.087463	4.087463	-1
D030028A08Rik	672	+	chr11	96809423	96809511	96809435	96809464	5.087463	4.087463	-1
D5Ert4579e	740	-	chr5	37112398	37112493	37112438	37112475	5	4	-1
Arfgap3	747	-	chr15	83205752	83205830	83205724	83205792	5	4	-1
Otub2	758	+	chr12	104631844	104631907	104631851	104631895	5	4	-1
Slc41a3	810	+	chr6	90568381	90568463	90568353	90568417	4.906891	3.906891	-1
Cpeb4	932	+	chr11	31712378	31712406	31712362	31712453	4.807355	3.807355	-1
Epor	44	-	chr9	21767061	21767118	21767032	21767108	6.794416	5.807355	-0.987061
Smad7	271	+	chr18	75649931	75650001	75649915	75650024	5.83289	4.857981	-0.974909
Wipi1	428	-	chr11	109449085	109449159	109449070	109449156	5.491853	4.523562	-0.968291
Qrich1	440	+	chr9	108419338	108419411	108419335	108419426	5.491853	4.523562	-0.968291
Mcph1	609	+	chr8	18595007	18595057	18594993	18595072	5.209453	4.247928	-0.961525
Bzrap1	648	+	chr11	87567649	87567722	87567644	87567686	5.129283	4.169925	-0.959358
Rab3c	658	-	chr13	110697981	110698065	110697983	110698044	5.129283	4.169925	-0.959358
Ets2	715	+	chr16	96046970	96047071	96047028	96047085	5.044394	4.087463	-0.956931

Grap2	768	+	chr15	80453786	80453815	80453782	80453849	4.954196	4	-0.954196
Marcks	796	-	chr10	36951996	36952101	36952050	36952078	4.954196	4	-0.954196
2610002D18Rik	268	+	chr4	134062023	134062098	134062032	134062093	5.857981	4.906891	-0.95109
Tk1	847	-	chr11	117691827	117691907	117691889	117691918	4.857981	3.906891	-0.95109
Lyl1	50	+	chr8	87254853	87254933	87254843	87254918	6.754888	5.807355	-0.947533
Jund	950	+	chr8	73222867	73223307	73223010	73223038	4.754888	3.807355	-0.947533
Pkd1l2	956	-	chr8	119598335	119598383	119598285	119598313	4.754888	3.807355	-0.947533
Slc22a4	958	-	chr11	53840097	53840206	53840126	53840154	4.754888	3.807355	-0.947533
Prep	980	+	chr10	44849917	44849946	44849871	44849899	4.754888	3.807355	-0.947533
Cxxc5	419	+	chr18	36009263	36009328	36009259	36009320	5.523562	4.584963	-0.938599
Fam125b	100	-	chr2	33698831	33698922	33698809	33698837	6.459432	5.523562	-0.93587
Mylk3	449	-	chr8	87904947	87905025	87904898	87904986	5.459432	4.523562	-0.93587
Lyl1	3	+	chr8	87225533	87225606	87225530	87225587	7.599913	6.672425	-0.927488
Spock2	147	+	chr10	59541359	59541439	59541328	59541418	6.247928	5.321928	-0.926
Cyb5r3	305	-	chr15	83000937	83001033	83000921	83001000	5.78136	4.857981	-0.923379
Tubb1	627	+	chr2	174279323	174279396	174279300	174279367	5.169925	4.247928	-0.921997
Ncf4	199	+	chr15	78098414	78098514	78098449	78098515	6.087463	5.169925	-0.917538
Mar-12	682	+	chr6	116300124	116300219	116300121	116300180	5.087463	4.169925	-0.917538
Commd7	756	-	chr2	153434059	153434162	153434111	153434158	5	4.087463	-0.912537
Vav1	824	+	chr17	57429807	57429884	57429890	57429919	4.906891	4	-0.906891
Clcn3	287	-	chr8	63433604	63433690	63433608	63433685	5.807355	4.906891	-0.900464
Itgb7	900	-	chr15	102055753	102055792	102055837	102055866	4.807355	3.906891	-0.900464
Eif4ebp1	513	+	chr8	28371202	28371245	28371230	28371259	5.357552	4.459432	-0.89812
Rbm39	994	-	chr2	156005930	156005958	156005931	156005959	4.70044	3.807355	-0.893085
3110062M04Rik	1027	-	chr6	34824602	34824683	34824620	34824648	4.70044	3.807355	-0.893085
Carm1	584	+	chr9	21362874	21362943	21362872	21362939	5.209453	4.321928	-0.887525
Gypa	587	+	chr8	83024337	83024392	83024349	83024384	5.209453	4.321928	-0.887525
Onecut3	599	+	chr10	79938371	79938465	79938310	79938338	5.209453	4.321928	-0.887525
Muc5ac	643	+	chr7	148956991	148957082	148956982	148957017	5.129283	4.247928	-0.881355
Tnfrsf14	646	-	chr4	154302671	154302778	154302735	154302764	5.129283	4.247928	-0.881355
Cpeb4	40	+	chr11	31743989	31744060	31743986	31744072	6.894818	6.022368	-0.87245
Mtmr3	776	-	chr11	4443411	4443493	4443443	4443495	4.954196	4.087463	-0.866733
Tnfaip2	265	+	chr12	112681748	112681820	112681773	112681840	5.857981	5	-0.857981
Pofut2	857	+	chr10	76684065	76684137	76684038	76684108	4.857981	4	-0.857981

Add2	864	+	chr6	86027940	86028040	86027931	86027983	4.857981	4	-0.857981
P4ha1	231	+	chr10	58810995	58811081	58811009	58811120	5.97728	5.129283	-0.847997
Arid1b	624	+	chr17	5099346	5099433	5099459	5099487	5.169925	4.321928	-0.847997
Gata2	640	+	chr6	88153158	88153243	88153164	88153261	5.169925	4.321928	-0.847997
Zbtb16	341	-	chr9	48622844	48622916	48622819	48622905	5.70044	4.857981	-0.842459
Dapk2	1059	+	chr9	66029875	66029968	66029941	66029969	4.643856	3.807355	-0.836501
Ifnar2	363	+	chr16	91353131	91353182	91353095	91353180	5.643856	4.807355	-0.836501
1110007L15Rik	1067	+	chr5	139763180	139763250	139763242	139763270	4.643856	3.807355	-0.836501
Phactr4	1098	-	chr4	131984080	131984109	131984077	131984105	4.643856	3.807355	-0.836501
Ube1l	509	+	chr9	107877732	107877822	107877780	107877843	5.357552	4.523562	-0.83399
N4bp2	737	+	chr5	66186693	66186792	66186719	66186797	5	4.169925	-0.830075
Jun	759	-	chr4	94823563	94823617	94823572	94823648	5	4.169925	-0.830075
Eapp	763	-	chr12	55819939	55820197	55819986	55820030	5	4.169925	-0.830075
Zfp385a	134	-	chr15	103169948	103169996	103169934	103170000	6.285402	5.459432	-0.82597
Cbfa2t3	559	-	chr8	125190325	125190361	125190254	125190434	5.285402	4.459432	-0.82597
Map3k1	801	-	chr13	112586854	112586894	112586874	112586902	4.906891	4.087463	-0.819428
Fam169b	540	+	chr7	75334307	75334371	75334361	75334396	5.321928	4.523562	-0.798366
B4galt5	716	-	chr2	167169363	167169438	167169376	167169441	5.044394	4.247928	-0.796466
Hdgf	45	+	chr3	87705244	87705461	87705234	87705363	6.794416	6	-0.794416
Zfpm1	272	+	chr8	124833369	124833446	124833343	124833408	5.83289	5.044394	-0.788496
Ric3	62	-	chr7	116258638	116258725	116258646	116258742	6.714246	5.930737	-0.783509
Plekho2	1113	-	chr9	65376359	65376413	65376372	65376400	4.584963	3.807355	-0.777608
Popdc2	497	+	chr16	38371940	38372009	38371937	38372015	5.357552	4.584963	-0.772589
Twistnb	519	+	chr12	34002787	34002859	34002804	34002888	5.357552	4.584963	-0.772589
Trappc9	851	-	chr15	72890864	72890993	72890887	72890915	4.857981	4.087463	-0.770518
Mar-07	686	-	chr18	57030720	57030762	57030700	57030771	5.087463	4.321928	-0.765535
Tbk1	345	-	chr10	121006167	121006270	121006217	121006283	5.672425	4.906891	-0.765534
Cdc2l6	288	+	chr10	40171724	40171814	40171723	40171794	5.807355	5.044394	-0.762961
Wapal	555	+	chr14	35473827	35473893	35473860	35473926	5.285402	4.523562	-0.76184
Fat3	968	-	chr9	16019314	16019388	16019331	16019387	4.754888	4	-0.754888
St3gal6	751	-	chr16	58498145	58498222	58498162	58498223	5	4.247928	-0.752072
Gpr56	329	+	chr8	97488736	97488820	97488666	97489061	5.70044	4.954196	-0.746244
Tgm2	219	-	chr2	157967874	157967948	157967872	157967964	6.022368	5.285402	-0.736966
Ccdc12	362	+	chr9	110568556	110568628	110568553	110568617	5.643856	4.906891	-0.736965

Ier5	436	-	chr1	156886514	156886577	156886466	156886555	5.491853	4.754888	-0.736965
1810012P15Rik	523	+	chr11	78646536	78646637	78646590	78646619	5.321928	4.584963	-0.736965
Gp9	232	+	chr6	87726010	87726078	87725998	87726054	5.97728	5.247928	-0.729352
N4bp2	706	+	chr5	66122962	66123041	66122945	66123016	5.044394	4.321928	-0.722466
Pum1	708	+	chr4	130271154	130271246	130271151	130271239	5.044394	4.321928	-0.722466
Qrsl1	945	-	chr10	43485696	43485743	43485736	43485765	4.807355	4.087463	-0.719892
Hlx	347	-	chr1	186469303	186469362	186469278	186469365	5.672425	4.954196	-0.718229
Gpr171	1161	-	chr3	58862954	58863107	58862960	58862988	4.523562	3.807355	-0.716207
Wnt3a	1206	-	chr11	59074763	59074794	59074745	59074773	4.523562	3.807355	-0.716207
Nucb2	1215	+	chr7	123647771	123647828	123647811	123647839	4.523562	3.807355	-0.716207
8430427H17Rik	495	-	chr2	153321555	153321638	153321589	153321619	5.357552	4.643856	-0.713696
Pycr2	367	+	chr1	182833135	182833242	182833131	182833207	5.61471	4.906891	-0.707819
Slc16a10	370	-	chr10	39845073	39845182	39845062	39845147	5.61471	4.906891	-0.707819
Gfod1	1024	-	chr13	43356252	43356335	43356310	43356339	4.70044	4	-0.70044
Eapp	1037	-	chr12	55830694	55830928	55830786	55830918	4.70044	4	-0.70044
Hace1	547	+	chr10	45304180	45304300	45304271	45304299	5.285402	4.584963	-0.700439
Ptpre	551	+	chr7	142790265	142790369	142790262	142790369	5.285402	4.584963	-0.700439
Dpf3	670	-	chr12	84716550	84716651	84716562	84716649	5.087463	4.392317	-0.695146
Fam55b	854	-	chr9	48170356	48170396	48170343	48170390	4.857981	4.169925	-0.688056
Mical3	595	-	chr6	121044181	121044258	121044159	121044264	5.209453	4.523562	-0.685891
Ncf4	1110	+	chr15	78091194	78091303	78091243	78091272	4.584963	3.906891	-0.678072
Ntn3	964	-	chr17	24345978	24346064	24346004	24346040	4.754888	4.087463	-0.667425
Arrb1	52	+	chr7	106742942	106743047	106742979	106743069	6.741467	6.087463	-0.654004
Noxa1	705	-	chr2	24971078	24971166	24971075	24971132	5.044394	4.392317	-0.652077
Mocs1	709	+	chr17	49578679	49578799	49578741	49578814	5.044394	4.392317	-0.652077
Mybl2	721	+	chr2	162880081	162880141	162880051	162880092	5.044394	4.392317	-0.652077
Bpgm	729	+	chr6	34421589	34421676	34421574	34421638	5.044394	4.392317	-0.652077
9530096D07Rik	1076	-	chr4	131865346	131865423	131865365	131865393	4.643856	4	-0.643856
Denr	491	+	chr5	124357178	124357221	124357175	124357255	5.392317	4.754888	-0.637429
Slc2a9	442	-	chr5	38901020	38901058	38900989	38901053	5.491853	4.857981	-0.633872
Ncln	241	-	chr10	80960575	80960640	80960538	80960634	5.954196	5.321928	-0.632268
Tfdp2	790	+	chr9	96167741	96167853	96167732	96167795	4.954196	4.321928	-0.632268
Smap2	388	-	chr4	120687336	120687401	120687339	120687414	5.584963	4.954196	-0.630767
Ucp3	196	+	chr7	107615842	107615905	107615795	107615896	6.087463	5.459432	-0.628031

Nlgn3	689	+	chrX	98483036	98483109	98483067	98483107	5.087463	4.459432	-0.628031
Nipa1	592	-	chr7	63270645	63270756	63270700	63270802	5.209453	4.584963	-0.62449
Ckap2l	1154	-	chr2	129122563	129122727	129122595	129122641	4.523562	3.906891	-0.616671
Cyth3	1174	+	chr5	144386418	144386515	144386429	144386457	4.523562	3.906891	-0.616671
Sox5	1211	-	chr6	143790659	143790711	143790697	143790776	4.523562	3.906891	-0.616671
Tssc1	566	+	chr12	29490139	29490212	29490144	29490219	5.247928	4.643856	-0.604072
Adam19	394	+	chr11	45891345	45891458	45891370	45891419	5.554589	4.954196	-0.600393
Tnfaip8	131	+	chr18	50187941	50188032	50187928	50188024	6.321928	5.72792	-0.594008
Ikzf2	970	-	chr1	69542687	69542775	69542678	69542740	4.754888	4.169925	-0.584963
Noc3l	1144	-	chr19	38894872	38894913	38894834	38894883	4.584963	4	-0.584963
Npm3-ps1	484	+	chr6	84833352	84833447	84833332	84833446	5.392317	4.807355	-0.584962
Cpeb4	718	+	chr11	31731647	31731761	31731643	31731697	5.044394	4.459432	-0.584962
Rapgef2	731	-	chr3	78832206	78832278	78832209	78832309	5.044394	4.459432	-0.584962
Tbc1d7	420	-	chr13	43287251	43287350	43287242	43287281	5.523562	4.954196	-0.569366
Ccdc102a	777	-	chr8	97423166	97423268	97423218	97423296	4.954196	4.392317	-0.561879
Gse1	1044	+	chr8	122999545	122999659	122999536	122999605	4.467297	3.906891	-0.560406
Crtam	922	-	chr9	40880974	40881032	40880971	40881042	4.807355	4.247928	-0.559427
Hsph1	317	-	chr5	150451771	150451880	150451777	150451883	5.72792	5.169925	-0.557995
Hist1h4i	1060	-	chr13	22133082	22133165	22133125	22133172	4.643856	4.087463	-0.556393
Zfp217	1223	-	chr2	169977136	169977234	169977079	169977207	4.459432	3.906891	-0.552541
Ypel4	373	+	chr2	84575686	84575762	84575698	84575748	5.61471	5.087463	-0.527247
Trim8	1152	+	chr19	46529635	46529721	46529649	46529677	4.523562	4	-0.523562
Cdrt4	1182	+	chr11	62743535	62743634	62743518	62743571	4.523562	4	-0.523562
Hs6st1	695	+	chr1	36187204	36187374	36187316	36187376	5.044394	4.523562	-0.520832
Dapp1	696	-	chr3	137620987	137621072	137620965	137621089	5.044394	4.523562	-0.520832
Mar-06	470	-	chr17	33850360	33850422	33850328	33850412	5.426265	4.906891	-0.519374
Slc41a3	804	+	chr6	90573161	90573368	90573257	90573286	4.906891	4.392317	-0.514574
Ell2	814	+	chr13	75871332	75871418	75871373	75871451	4.906891	4.392317	-0.514574
Snrpa1	823	+	chr7	73026223	73026302	73026217	73026292	4.906891	4.392317	-0.514574
Terc	1391	-	chr3	96232990	96233092	96233006	96233034	4.321928	3.807355	-0.514573
Hist1h3f	1460	+	chr13	23636350	23636378	23636380	23636408	4.321928	3.807355	-0.514573
Mknk2	500	-	chr10	80140865	80140944	80140891	80140920	5.357552	4.857981	-0.499571
Isg15	1117	-	chr4	155576704	155576798	155576754	155576804	4.584963	4.087463	-0.4975
Slc1a2	767	+	chr2	102585587	102585655	102585579	102585608	4.954196	4.459432	-0.494764

Stmn1	925	+	chr4	133995248	133995281	133995198	133995271	4.807355	4.321928	-0.485427
Rnf130	472	+	chr11	49795283	49795364	49795324	49795379	5.426265	4.954196	-0.472069
Aip	252	-	chr19	4113382	4113442	4113375	4113441	5.930737	5.459432	-0.471305
Runx1	181	-	chr16	92801950	92802046	92801946	92802008	6.129283	5.672425	-0.456858
Tmbim1	1576	-	chr1	74342095	74342136	74342125	74342153	4.247928	3.807355	-0.440573
Mat2b	1149	-	chr11	40507065	40507151	40507112	40507186	4.523562	4.087463	-0.436099
Sla	1213	-	chr15	66657874	66657925	66657888	66657927	4.523562	4.087463	-0.436099
AA986860	315	+	chr1	132638008	132638076	132638010	132638085	5.754888	5.321928	-0.43296
Picalm	294	+	chr7	97208924	97209045	97208956	97208993	5.78136	5.357552	-0.423808
Bckdhh	626	+	chr9	84006614	84006688	84006604	84006707	5.169925	4.754888	-0.415037
Hk2	1434	-	chr6	82714090	82714172	82714174	82714204	4.321928	3.906891	-0.415037
Lpcat1	1479	+	chr13	73621777	73621819	73621734	73621765	4.321928	3.906891	-0.415037
Tmem86b	132	-	chr7	4581928	4582019	4581908	4582034	6.303781	5.906891	-0.39689
Sgk3	1082	+	chr1	9770616	9770677	9770641	9770674	4.643856	4.247928	-0.395928
Smtnl2	1317	-	chr11	72228772	72228871	72228820	72228867	4.392317	4	-0.392317
Dusp1	1351	-	chr17	26645331	26645360	26645290	26645319	4.392317	4	-0.392317
Parp11	1224	+	chr6	127272505	127272625	127272557	127272598	4.459432	4.087463	-0.371969
Pex12	769	-	chr11	83100177	83100252	83100248	83100288	4.954196	4.584963	-0.369233
Car2	775	+	chr3	14879031	14879110	14879074	14879103	4.954196	4.584963	-0.369233
Zfp791	446	-	chr8	87635879	87636081	87635985	87636030	5.491853	5.129283	-0.36257
Hist1h2bj	1604	+	chr13	22135073	22135259	22135104	22135297	4.169925	3.807355	-0.36257
Mobkl1b	1628	+	chr6	83275936	83276046	83276040	83276068	4.169925	3.807355	-0.36257
Cand1	1705	-	chr10	118551837	118551865	118551822	118551850	4.169925	3.807355	-0.36257
5730593F17Rik	1159	+	chr11	95201094	95201176	95201120	95201203	4.523562	4.169925	-0.353637
Hhex	896	+	chr19	37510192	37510300	37510205	37510283	4.807355	4.459432	-0.347923
9530002B09Rik	916	+	chr4	122132363	122132662	122132461	122132563	4.807355	4.459432	-0.347923
Frrs1	712	+	chr3	116562374	116562452	116562346	116562461	5.044394	4.70044	-0.343954
Rabgef1	1513	+	chr5	130647076	130647184	130647143	130647172	4.247928	3.906891	-0.341037
Fam69a	1580	-	chr5	108390112	108390174	108390132	108390166	4.247928	3.906891	-0.341037
Rpl6	12	+	chr5	121666252	121666312	121666216	121666379	7.247928	4.459432	-2.788496
Ankrd9	31	-	chr12	112212743	112212801	112212712	112212753	6.930737	4.459432	-2.471305
Tspan33	2	+	chr6	29651198	29651253	29651232	29651261	7.714246	4.584963	-3.129283
Tmod1	106	+	chr4	46053720	46053748	46053697	46053726	6.442943	4	-2.442943
Hmbs	109	-	chr9	44151477	44151536	44151489	44151525	6.426265	4	-2.426265

Rgs6	58	+	chr12	84174336	84174436	84174380	84174529	6.714246	4.247928	-2.466318
Rbm19	110	+	chr5	120586411	120586475	120586440	120586481	6.409391	4	-2.409391
Lrpprc	111	-	chr17	85176140	85176181	85176098	85176126	6.392317	3.807355	-2.584962
Hdac11	115	+	chr6	91113692	91113730	91113674	91113702	6.392317	3.807355	-2.584962
Serbp1	102	+	chr6	67111779	67111875	67111710	67111738	6.442943	4	-2.442943
Spna1	22	+	chr1	176101803	176101886	176101780	176101889	7.076816	4.523562	-2.553254
Gtf3c5	144	-	chr2	28453628	28453701	28453680	28453756	6.247928	3.906891	-2.341037
Dus3l	8	+	chr17	56901688	56901756	56901571	56901872	7.303781	4.169925	-3.133856
Nfe2	27	-	chr15	103088953	103089033	103089068	103089097	6.97728	4.523562	-2.453718
Senp7	160	+	chr16	56071949	56071981	56071940	56071968	6.209453	3.807355	-2.402098
Myb	76	-	chr10	20916508	20916581	20916576	20916649	6.61471	4.169925	-2.444785
Prkcbp1	18	-	chr2	165714111	165714208	165714157	165714236	7.118941	4.247928	-2.871013
Prkar2b	99	-	chr12	32789513	32789548	32789482	32789510	6.459432	3.807355	-2.652077
2310035K24Rik	67	+	chr2	131031707	131031793	131031697	131031790	6.686501	4.247928	-2.438573
Pnma1	20	-	chr12	85545032	85545092	85545013	85545041	7.108524	3.906891	-3.201633
Accn2	29	+	chr15	99495271	99495316	99495275	99495342	6.954196	4.392317	-2.561879
Lmo2	35	+	chr2	103734042	103734150	103734031	103734060	6.918863	4.523562	-2.395301
Trpm1	57	+	chr7	71202955	71203038	71203025	71203054	6.72792	4.321928	-2.405992

WT_start; WT_end; RER_start; RER_end: genomic coordinates of the peaks

WT_FC; RER_FC: peak height