

Table S1. SNP-based genotypes in colonies of rats of the Brown-Norway (BN), Goto-Kakizaki (GK), Wistar Kyoto (WKY), Spontaneously hypertensive (SHR), SHR stroke-prone (SHRSP) strains in the region of rat chromosome 1 of GK origin in BN.GK-Nidd/gk1 congenic rats. As reported in Fig.8 alleles shared between the BN and other strains are highlighted in yellow and alleles different to the BN are shown in blue. Heterozygous loci are shown in pink. SNP positions (b) in chromosome 1 are reported. SNP marker details are available through http://www.well.ox.ac.uk/rat_mapping_resources/SNPbased_maps.html.

SNP_Ensembl_ID	SNP_External_ID	Position (b)	STRAINS																					
			BN/Par	WKY/Izm	WKY/NCh	WKY/Zm	WKY/Bbb	WKY/Okyo	WKY/Gla.,WKY/Cerc	WKY/NMna	SHR/Izm	SHR/NCh	SHR/Ola/pev	SHR/moiBbb	SHR/Kyo	SHR/NHsd	SHRSP/Izm	SHRSP/Bbb	SHRSP/Ezo	SHRSP/Ngsk	SHRSP/Gla.,SHRSP/Cerc	GK/Sic	GK/Ox	BN.GK-Nidd/gk1/Ox
ENSRNOSNP2783757	J336026	89665243	C	C	T	T	T	C	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T
ENSRNOSNP2783758	WKY-G-j-45h11_fl_383	89798155	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2783759	gnl ti 842490884_50710952_687	90431156	T	C	T	T	T	T	T	T	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2783760	J596244	90735234	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	G	G	G
ENSRNOSNP2783761	Cpn_1090749408	90749408	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2783762	gko-23f24_fp2_b1_431	91081446	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	G	G	G
ENSRNOSNP2783763	J546795	91171603	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	T	T	T
ENSRNOSNP2783764	J533325	91371118	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	A	A	A
ENSRNOSNP2783765	J341779	91702897	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2783766	WKYc18e09_s1_438	91834851	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T
ENSRNOSNP2783767	J495136	91857887	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T
ENSRNOSNP2783768	J873803	92142332	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2783769	rat101_005_o02.p1ca_204	92276533	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2783770	J642278	92287946	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A
ENSRNOSNP2783771	WKYc95a06_s1_703	92339833	G	-	A	A	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2783772	WKYc02d01_r1_652	92476744	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2783773	J1261396	92714418	A	T	T	-	T	T	-	T	T	T	T	T	-	T	T	T	T	-	T	T	T	
ENSRNOSNP2783774	gko-66f21_fp2_b1_272	92870190	G	-	A	A	A	A	A	A	A	-	A	A	-	A	A	A	A	A	A	A	A	A
ENSRNOSNP2783775	gko-104e7_rp2_b1_177	93597048	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2783776	WKYOa73f10_s1_456	93760176	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2783777	J1288901	93917072	A	C	C	C	C	C	A	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2783779	WKYc110g02_r1_646	94624428	G	A	A	-	A	A	G	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2783780	rdahl-25i13_rp2_b1_125	95200769	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2783782	J640192	95446362	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2783783	J876484	95622713	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2783786	J687602	96557183	G	T	G	-	G	T	-	T	-	G	G	G	-	-	-	G	T	T	-	G	G	G
ENSRNOSNP2783788	rat108_009_h10.q1cc_225	97225611	T	T	T	T	T	T	T	C	T	T	T	C	T	C	C	C	C	C	T	T	T	

ENSRNOSNP2783986	rdahl-85m10_rp2_b1_286	125067180	T	C	C	C	-	T	T	C	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2783987	WKY-G-i-43b09_r1_156	125206090	T	C	C	C	C	T	T	C	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2783988	rdahl-64f7_rp2_b1_314	125399506	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	
ENSRNOSNP2783989	J560662	125732017	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2783990	WKYc31f03_r1_274	125744107	A	G	G	G	G	A	A	G	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2783991	gnl ti 896459517_19866866811072_324	125888242	T	T	T	T	T	C	C	T	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2783992	J340033	125943437	C	C	C	C	C	T	T	C	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2783993	rdahl-65i17_fp2_b1_264	126031585	A	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2783994	SHRSPc16a12_r1_685	126182325	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2783995	J493980	126205284	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	
ENSRNOSNP2783996	gnl ti 896794926_19866866988801_238	126399335	T	T	T	T	T	A	A	T	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2783997	J663723	126694797	G	G	G	G	G	A	A	G	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2783998	J1264291	126785666	T	G	G	G	G	T	T	G	T	T	T	T	T	T	T	T	T	T	T	-	T	
ENSRNOSNP2783999	rdahl-62i15_fp2_b1_120	126859750	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784000	gnl ti 896506642_19866866707088_346	127200967	T	C	C	C	C	T	T	C	T	T	T	T	T	T	T	T	-	T	T	C	C	
ENSRNOSNP2784001	J513002	127221005	A	G	G	G	G	A	A	G	A	A	A	A	A	A	A	A	A	A	A	A	G	
ENSRNOSNP2784002	gko-22g6_fp2_b1_260	127345560	G	-	A	A	A	A	A	G	A	G	G	G	G	G	G	G	G	G	G	G	A	
ENSRNOSNP2784003	gko-63h7_fp2_b1_550	127488604	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784004	J484245	127549453	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784005	rdahl-51e12_fp2_b1_593	127629857	C	T	T	T	T	T	C	T	C	C	C	C	C	C	C	C	C	C	C	C	T	
ENSRNOSNP2784006	DahlSa02a06_s1_117	127770797	C	T	T	T	T	T	C	T	C	C	C	C	C	C	C	C	C	C	C	C	T	
ENSRNOSNP2784007	J337061	127889173	C	T	T	T	T	T	T	T	T	T	T	CT	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2784008	gko-82b16_fp2_b1_323	127910938	C	T	T	T	T	T	-	T	C	C	C	C	C	C	C	C	C	C	C	C	T	
ENSRNOSNP2784009	SHRSPa7h07_s1_743	129396852	G	G	G	G	G	G	A	G	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784010	J477469	129959510	T	T	T	T	T	T	C	T	C	C	C	C	C	C	C	C	C	C	C	-	C	
ENSRNOSNP2784011	J505223	130063483	G	A	A	A	A	A	G	A	G	G	G	G	G	G	G	G	G	G	G	G	A	
ENSRNOSNP2784012	gko-39i8_rp2_b1_95	130181654	A	A	A	A	A	A	G	A	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2784013	gko-70i2_rp2_b1_21	130473538	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	G	
ENSRNOSNP2784014	J1269615	130588481	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	G	
ENSRNOSNP2784015	J1278186	131035380	A	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2784016	rat109_012_n15.q1ca_334	131082411	C	C	C	C	C	C	A	C	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784017	WKYe17a08_r1_604	131104776	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2784018	J488690	131227640	A	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	
ENSRNOSNP2784019	WKYOa64h04_s1_476	131311649	C	T	T	T	T	T	C	T	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2784020	rat109_015_i21.q1cb_425	131354318	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2784021	J523743	131492282	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784022	J470814	131658534	T	C	C	-	C	C	-	C	C	C	C	C	C	-	C	C	C	C	-	C	C	
ENSRNOSNP2784023	SHRSPa43c12_s1_448	131711026	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2784024	J515676	131793615	A	A	C	C	-	C	-	-	-	-	-	-	C	C	C	-	-	-	-	C	A	

ENSRNOSNP2784106	J643969	139928077	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G	
ENSRNOSNP2784107	J587239	140156428	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2784108	Cpn_1140157723	140157723	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784110	SHRSPd02b11_s1_385	140348073	A	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2784111	J1269962	140445019	C	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G	
ENSRNOSNP2784112	WKYc98h01_s1_194	140489442	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2784113	rat101_031_g24.p1ca_120	140536584	G	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2784114	SHRSPa28h09_s1_387	140557472	C	T	T	T	T	T	T	T	T	-	T	T	T	T	T	T	-	T	T	T	T	
ENSRNOSNP2784115	gnl ti 896466819_19866866741309_253	140631751	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2784116	J538856	140635848	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2784117	rdahl-93m20_fp2_b1_30	140855729	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2784118	rat110_004_b24.p1cb_433	140954681	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2784119	J632732	141047221	C	CT	C	-	C	CT	-	CT	CT	C	C	C	CT	-	C	C	-	CT	-	CT	C	CT
ENSRNOSNP2784120	rdahl-54a23_fp2_b1_378	141991143	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2784121	J502747	142202112	C	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G	
ENSRNOSNP2784122	J681141	142306215	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G	
ENSRNOSNP2784123	WKY-G-i-33e06_r1_299	142460692	G	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2784124	J481007	142523790	G	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	C	C	C	
ENSRNOSNP2784125	gnl ti 896833025_19866867232697_211	142629254	A	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2784126	J701827	142647913	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T	
ENSRNOSNP2784127	J656809	142747867	A	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2784128	J342513	142859802	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A	
ENSRNOSNP2784129	WKY-G-j-65d03_r1_222	142971713	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784130	rdahl-51i14_fp2_b1_655	143203436	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784131	J873721	143310300	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2784132	J586599	143440893	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A	
ENSRNOSNP2784133	gko-2j12_rp2_b1_467	143556969	G	A	A	A	A	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784134	J513874	143650643	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2784135	J342038	143743917	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G	
ENSRNOSNP2784136	gnl ti 896523251_19866867257922_232	143745033	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2784137	J343800	143898987	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G	
ENSRNOSNP2784138	gko-37p17_rp2_b1_373	143913178	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784139	J533867	144006680	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784140	J1260786	144307816	T	T	A	A	A	T	T	A	T	T	T	-	A	T	T	A	T	A	A	T	T	T
ENSRNOSNP2784141	Cpn_1144367481	144367481	C	C	T	T	T	C	C	T	C	C	C	C	T	C	C	T	C	T	T	C	C	C
ENSRNOSNP2784142	rat101_014_g21.p1ca_496	144477632	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2784143	J634537	144527766	A	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	C	C	C	
ENSRNOSNP2784144	WKYc57d08_r1_429	144623181	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2784145	J585274	144644946	A	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T	

ENSRNOSNP2784187	rdahl-26k16_rp2_b1_31	149647414	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	-
ENSRNOSNP2784188	rat102_008_m19.q1ca_590	149677673	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784189	J521480	149719493	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A
ENSRNOSNP2784190	J341551	149850859	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	C	C
ENSRNOSNP2784191	rdahl-71m20_fp2_b1_25	149853461	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784193	gko-96e1_fp2_b1_312	150096169	T	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784194	gko-69e22_rp2_b1_389	150531490	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784195	J590265	150665121	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A
ENSRNOSNP2784196	rdahl-20h11_fp2_b1_101	150715523	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-
ENSRNOSNP2784197	rdahl-15h19_rp2_b1_111	150871328	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784198	gko-61d19_rp2_b1_355	151036704	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784199	J545191	151073477	C	C	C	-	C	C	-	C	C	C	C	C	-	C	C	C	C	-	C	C
ENSRNOSNP2784200	rat108_034_p17.p1ca_344	151110344	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784201	J342906	151176087	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784202	gko-14a24_fp2_b1_770	151184006	G	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784203	gko-19n8_fp2_b1_332	151328091	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784204	gko-84o14_fp2_b1_603	151502658	T	C	C	C	C	C	C	C	C	C	C	-	C	C	C	C	C	C	C	C
ENSRNOSNP2784205	J1268261	151532258	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784206	gko-52n12_rp2_b1_88	151751640	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784207	J686665	151867905	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784208	gko-16b9_rp2_b1_493	151950962	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784209	gko-72i3_rp2_b1_55	152252637	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784210	rdahl-24k12_fp2_b1_606	152447482	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784212	SHRSPc66a05_r1_451	152809150	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784213	gko-107n14_rp2_b1_139	152969343	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784214	J579501	153032526	G	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T
ENSRNOSNP2784215	J505115	153284646	G	C	C	-	C	C	-	C	C	C	C	C	-	C	C	C	C	-	C	C
ENSRNOSNP2784216	WKYe09g11_r1_768	153326053	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784217	rat105_040_f05.q1ca_469	153472057	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784218	J520598	153477913	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	C	C
ENSRNOSNP2784219	SHRSPc14d03_r1_326	153483576	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784220	J475269	153623495	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784221	SHRSPa06f12_r1_1033	153817413	G	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784222	J571366	153945949	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784223	J524373	154061178	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T
ENSRNOSNP2784224	SHRSPc38f04_r1_198	154092675	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784225	rat101_021_a17.q1ca_666	154143673	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784227	DahlSa01f01_r1_140	154390719	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784228	J578596	154495830	T	C	C	-	C	C	-	C	C	C	C	C	-	C	C	C	C	-	C	C

ENSRNOSNP2784385	J339457	170059164	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2784386	rat104_017_n17.q1ca_148	170155100	A	T	T	T	T	T	A	T	A	A	A	A	A	A	A	A	A	A	A	T	T	T
ENSRNOSNP2784387	rat105_019_e07.q1ca_158	170215759	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784388	J491809	170320387	A	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784389	rat104_078_k11.q1ca_318	170387966	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784390	rat104_041_g07.q1ca_568	170390397	T	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784391	Cpn_1170390711	170390711	A	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784392	J524207	170414581	G	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T
ENSRNOSNP2784393	WKYc108e11_r1_248	170487421	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784394	WKYOa15a01_s1_253	170540189	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784395	J681433	170683132	T	T	T	T	T	T	C	T	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2784397	J493936	171031968	G	G	G	-	G	G	-	G	G	G	G	G	G	-	G	G	G	G	-	G	G	G
ENSRNOSNP2784398	gko-15d8_fp2_b1_203	171121005	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2784399	J544697	171122739	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	A	A	A
ENSRNOSNP2784400	J698287	171233490	C	C	C	C	C	C	T	C	T	T	T	T	T	T	T	T	T	T	-	C	C	C
ENSRNOSNP2784401	J693497	171339211	A	A	A	A	A	A	G	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784402	WKYd03a03_s1_24	171350839	T	C	C	C	C	C	T	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784403	SHRSPa19e09_r1_1104	171442718	C	C	C	C	C	C	T	C	T	T	T	T	T	T	T	T	T	T	T	C	C	C
ENSRNOSNP2784404	J525106	171714538	G	A	A	A	A	A	G	A	G	G	G	G	G	G	G	G	G	G	G	A	A	A
ENSRNOSNP2784405	J546199	171836884	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	A	A	A
ENSRNOSNP2784406	rdahl-50122_fp2_b1_78	171896496	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A
ENSRNOSNP2784407	J565259	171934152	G	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T
ENSRNOSNP2784408	rat101_007_d20.q1ca_330	172020573	T	C	C	C	C	C	T	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784409	Cpn_1172021329	172021329	T	C	C	C	C	C	C	C	C	C	C	C	-	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784410	J496805	172099041	C	C	C	-	C	C	-	C	CT	T	CT	CT	CT	-	CT	T	CT	CT	-	CT	T	CT
ENSRNOSNP2784411	Cpn_1172199898	172199898	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784412	rat013_038_a14.p1ca_244	172237945	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784413	SHRSPa8d01_s1_545	172504303	T	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784414	Cpn_1172577432	172577432	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784415	J481917	172608002	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2784416	J1311061	172943805	C	T	T	T	T	T	C	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784417	WKYOa16b12_s1_248	172998518	T	C	C	T	C	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784418	gko-8j6_fp2_b1_537	173147475	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2784419	J667769	173261603	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784420	J697407	173376457	G	A	A	G	A	G	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A
ENSRNOSNP2784421	WKYe15d11_r1_436	173398184	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784422	J873194	173478225	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2784423	gnl ti 896858076_19866867464063_287	173583296	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784424	J593426	173632653	G	A	G	-	G	-	-	G	-	G	G	G	-	-	G	G	G	G	-	A	A	A

ENSRNOSNP2784465	J658570	177498939	G	A	A	G	A	G	G	A	G	G	G	G	G	G	G	G	G	-	A	A	A		
ENSRNOSNP2784466	J501732	177641595	A	A	G	-	G	-	-	G	-	G	G	G	-	-	-	G	G	-	-	A	G	G	
ENSRNOSNP2784467	rat104_063_f19.q1ca_239	177710051	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T	
ENSRNOSNP2784468	rat104_016_i10.q1ca_233	177729282	A	A	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	A	A	A	
ENSRNOSNP2784469	rat110_012_k07.p1ca_206	177742486	A	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2784470	rat103_009_n14.p1ca_367	177787510	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	G	G	G	
ENSRNOSNP2784471	rat104_035_i20.q1ca_278	177808278	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T	
ENSRNOSNP2784472	rat110_009_b22.p1cb_209	177832111	A	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	A	A	A	
ENSRNOSNP2784473	rat110_004_a12.p1ca_181	177843913	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2784474	rat110_003_i14.p1ca_603	177868706	A	T	A	A	A	A	T	A	T	T	T	T	A	T	T	T	T	T	T	A	A	A	
ENSRNOSNP2784475	J658758	177950683	G	A	A	-	A	A	-	A	A	A	A	A	A	-	A	A	A	A	-	-	G	G	
ENSRNOSNP2784476	J651074	178186474	A	G	G	-	G	G	-	G	G	G	G	G	G	-	G	G	G	G	-	A	A	A	
ENSRNOSNP2784477	J1268611	179037626	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T	
ENSRNOSNP2784478	J342027	179193258	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	A	A	A
ENSRNOSNP2784479	gko-6d2_rp2_b1_54	179327802	C	C	C	C	C	C	C	C	C	C	C	-	C	C	C	C	C	C	C	T	T	T	
ENSRNOSNP2784480	J641586	179745834	A	A	G	-	G	A	-	A	A	G	G	G	A	-	A	G	A	A	-	A	G	G	
ENSRNOSNP2784481	WKYa70e11_s1_159	179862388	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T	T	
ENSRNOSNP2784482	J337681	179969065	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A	
ENSRNOSNP2784483	WKYc17d09_r1_311	180111057	A	A	T	T	T	T	A	T	A	A	A	A	T	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784484	J520374	180115236	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T	
ENSRNOSNP2784485	SHRSPc39f12_s1_515	180177547	G	A	G	G	G	G	A	G	A	A	A	A	G	A	A	A	A	A	A	G	G	G	
ENSRNOSNP2784486	J677340	180265854	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2784487	gnl tj 896653520_19866868031586_293	180447327	C	T	C	C	C	C	T	C	T	T	T	T	C	T	T	T	T	T	T	C	C	C	
ENSRNOSNP2784488	rat110_026_a05.p1ca_576	180563088	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2784489	J1275243	180564598	G	G	A	A	A	A	G	A	G	G	G	G	A	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2784490	J524358	180794675	A	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T
ENSRNOSNP2784491	WKYc05b11_r1_249	180822160	C	C	T	T	T	T	C	T	C	C	C	C	T	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2784492	J475703	180945746	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	TC	
ENSRNOSNP2784493	Cpn_1181012647	181012647	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2784494	rat104_071_p19.q1cb_328	181134479	G	G	A	G	A	G	G	-	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2784495	SHRSPc44h01_s1_152	181287248	C	G	C	C	C	C	G	C	G	G	G	G	C	G	G	G	G	G	G	C	C	C	
ENSRNOSNP2784496	J681483	181346420	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2784497	rat101_002_n17.p1ca_220	181456824	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	G	G	G	
ENSRNOSNP2784498	SHRSPc48b07_r1_494	181494720	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	
ENSRNOSNP2784499	J342907	181648511	A	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	
ENSRNOSNP2784500	SHRSPa88h04_r1_739	181758850	A	G	-	-	-	-	G	-	G	G	G	G	-	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2784501	Cpn_1181818332	181818332	G	G	G	G	G	G	C	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2784502	SHRSPa77h07_r1_728	181894869	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A	A	-	A	-	-	
ENSRNOSNP2784504	gnl tj 896632804_19866867268301_330	182078913	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T	

ENSRNOSNP2784505	rat105_024_a03.q1ca_182	182133563	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	
ENSRNOSNP2784507	J536664	182256273	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2784508	Cpn_1182298109	182298109	C	G	C	C	C	C	G	C	G	G	G	G	C	G	G	G	G	G	G	C	C	C
ENSRNOSNP2784509	J696930	182379407	T	A	T	T	T	T	A	T	A	A	A	A	T	A	A	A	A	A	A	T	T	T
ENSRNOSNP2784510	J648013	182535432	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	C	C	C
ENSRNOSNP2784511	gko-41g16_rp2_b1_39	182647806	C	T	C	C	C	C	T	C	T	T	T	T	C	T	T	T	T	T	T	C	C	C
ENSRNOSNP2784512	J549179	182725298	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784513	WKY-G-i-27h03_f1_175	182868662	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2784514	gnl tj 897048428_19866867478919_368	183065176	C	T	T	T	T	T	C	T	C	C	C	C	T	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784515	SHRSPa17e11_s1_471	183683647	A	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	A	A	A
ENSRNOSNP2784516	J634672	183900353	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	T	T	T
ENSRNOSNP2784517	SHRSPc41g07_r1_426	184360555	C	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C
ENSRNOSNP2784518	J685120	184391827	G	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	G	G	G
ENSRNOSNP2784519	J660716	184517563	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	T	T	T
ENSRNOSNP2784520	rat104_006_b07.q1ca_390	184629593	T	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	T	T	T
ENSRNOSNP2784521	DS-g-c-15b01_f1_315	184681859	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A
ENSRNOSNP2784522	rat104_043_h23.q1ca_244	184702022	G	A	A	A	A	A	G	A	G	G	G	G	A	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784523	J649513	184874718	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	A	A	A
ENSRNOSNP2784524	Cpn_1184935644	184935644	G	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	C	G	G	G
ENSRNOSNP2784525	WKYc33g07_s1_244	184995554	G	T	T	T	T	T	G	T	G	G	G	G	T	-	G	G	G	G	G	G	G	G
ENSRNOSNP2784526	J681607	185195584	C	C	C	C	C	C	T	C	T	T	T	T	C	T	T	T	T	T	-	C	C	C
ENSRNOSNP2784527	J339456	185299237	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A
ENSRNOSNP2784528	gko-5513_rp2_b1_77	185341704	C	A	A	A	A	A	C	A	C	C	C	C	A	C	C	C	C	C	C	A	A	A
ENSRNOSNP2784529	J494466	185413648	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	A	A	A
ENSRNOSNP2784530	J560889	185541630	G	G	G	G	G	G	A	G	A	A	A	A	G	A	A	A	A	A	-	A	A	A
ENSRNOSNP2784531	rat104_061_116.q1ca_474	185546033	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784532	Cpn_1185633136	185633136	C	C	C	C	C	C	T	C	T	T	T	T	C	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784533	rat101_017_b19.p1cb_362	185692567	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784534	J507596	185762321	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	G	G	G
ENSRNOSNP2784535	rat101_017_a06.q1ca_391	185853325	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2784536	J877779	185950950	G	G	G	G	G	G	G	A	G	G	G	G	G	A	A	A	A	A	-	G	G	G
ENSRNOSNP2784537	WKYQa28f12_s1_242	186055581	T	C	C	C	C	C	C	T	C	C	C	C	C	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784538	rat104_054_g07.q1cb_456	186165480	C	G	G	G	G	G	G	C	G	G	G	G	G	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784539	J549925	186168275	A	A	A	A	A	A	A	G	A	A	A	A	A	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784541	J877866	186368264	C	C	C	C	C	C	C	C	G	C	C	C	C	C	G	G	G	G	-	C	C	C
ENSRNOSNP2784542	rdahl-101f23_fp2_b1_279	186370915	A	-	A	A	A	A	A	A	G	A	A	A	A	A	G	G	G	G	G	A	A	A
ENSRNOSNP2784543	J551745	186529653	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C
ENSRNOSNP2784544	Cpn_1186535990	186535990	A	A	A	A	A	A	A	A	T	A	A	A	A	A	T	T	T	T	T	A	A	A
ENSRNOSNP2784545	rat104_064_e09.q1ca_133	186684588	G	T	T	T	T	T	T	G	T	T	T	T	T	G	G	G	G	G	G	T	T	T

ENSRNOSNP2784585	rat109_045_g06.q1ca_639	189924824	G	T	T	T	T	T	T	T	G	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	G	G	G	
ENSRNOSNP2784586	Cpn_1190079641	190079641	C	T	T	T	T	T	T	T	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C
ENSRNOSNP2784588	WKYc36d10_s1_327	190281302	T	C	C	C	C	C	C	C	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T	
ENSRNOSNP2784589	J1265920	190335449	A	G	G	G	G	G	G	G	A	G	G	G	G	G	G	G	G	G	G	G	-	A	A	A	A	A	A	A	A	
ENSRNOSNP2784590	J339481	191124400	C	T	T	T	T	T	T	T	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	
ENSRNOSNP2784591	rat108_007_a02.q1cb_498	191139811	C	T	T	T	T	T	T	T	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	
ENSRNOSNP2784592	J700198	191233659	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T	T	T	T	T	
ENSRNOSNP2784593	WKYa71f05_s1_175	191240400	A	G	G	G	G	G	G	G	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A		
ENSRNOSNP2784594	J337899	191477586	C	T	T	T	T	T	T	T	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	
ENSRNOSNP2784595	Cpn_1191511911	191511911	A	G	G	G	G	G	G	G	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2784596	J336735	191643847	G	T	T	T	T	T	T	T	G	T	T	T	T	T	T	T	T	T	T	T	T	-	G	G	G	G	G	G	G	
ENSRNOSNP2784597	J636872	191818813	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2784598	rdahl-57e18_fp2_b1_350	191854465	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	
ENSRNOSNP2784599	Cpn_1192177195	192027314	A	G	G	G	G	G	G	G	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A		
ENSRNOSNP2784600	gko-99p5_rp2_b1_273	192548657	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	G	G	G		
ENSRNOSNP2784601	gko-10518_fp2_b1_438	192700265	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A		
ENSRNOSNP2784602	SHRSPa25b10_s1_297	193106681	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T			
ENSRNOSNP2784603	DS-g-a-40h12_f1_36	193174911	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784604	Cpn_1193218073	193218073	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2784605	rat108_018_c13.p1ca_659	193221647	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T			
ENSRNOSNP2784606	WKYc48c06_s1_510	193248816	G	A	A	A	A	A	-	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	G	G	G			
ENSRNOSNP2784607	J530958	193271919	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	A	A	A		
ENSRNOSNP2784608	J342520	193363363	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G		
ENSRNOSNP2784609	SHRSPa92d07_r1_562	193421868	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T			
ENSRNOSNP2784610	WKY-G-i-06b06_r1_435	193659821	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	G	G	G		
ENSRNOSNP2784611	J638588	193790344	C	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	C	C	C			
ENSRNOSNP2784612	rat102_037_n14.q1ca_449	194003410	C	T	T	T	T	T	T	T	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C		
ENSRNOSNP2784613	rat102_037_n14.q1ca_296	194003563	A	G	G	G	G	G	G	G	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A			
ENSRNOSNP2784614	J660444	194026392	C	T	T	T	T	T	T	T	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	C	C	C			
ENSRNOSNP2784615	DS-g-a-18a01_f1_367	194127234	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G		
ENSRNOSNP2784616	gnl ti 896732648_19866867002799_277	194505012	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
ENSRNOSNP2784617	J645768	194668536	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
ENSRNOSNP2784618	gnl ti 896949457_19866867454870_329	194673191	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		
ENSRNOSNP2784619	J567166	194778386	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	C	C	C			
ENSRNOSNP2784620	J1271754	195088727	G	A	A	-	A	A	-	A	-	A	A	A	A	-	A	A	A	A	-	A	A	A	A	-	G	A	G	G		
ENSRNOSNP2784621	Cpn_1195132894	195132894	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T			
ENSRNOSNP2784622	J1296994	195200656	A	G	G	G	G	G	G	G	-	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G	G	G		
ENSRNOSNP2784623	gnl ti 896916708_19866868309411_282	195273115	C	-	C	-	C	C	C	C	C	C	-	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
ENSRNOSNP2784624	J527132	195298379	G	A	A	A	A	A	A	A	G	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A	A	A		

ENSRNOSNP2784706	rat104_020_e15.q1ca_314	203858375	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
ENSRNOSNP2784707	J1275564	203871259	A	G	G	G	G	G	G	G	A	G	G	G	G	A	G	G	G	G	G	-	G	G	G
ENSRNOSNP2784708	Cpn_1203891431	203891431	G	T	T	T	T	T	T	T	G	T	T	T	G	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784709	rat104_077_a02.q1ca_162	203934819	G	A	A	A	A	A	A	A	G	A	A	A	G	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784710	rat103_024_i04.p1ca_500	204066186	G	G	G	G	G	G	G	G	A	G	G	G	A	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784711	rat103_012_o11.p1ca_90	204187969	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784712	rat110_007_i20.q1cb_742	204258191	G	A	A	A	A	A	A	A	G	A	A	A	G	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784713	rat110_017_o14.q1ca_395	204258541	G	A	A	A	A	A	A	A	G	A	A	A	G	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784714	J562698	204270162	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2784715	WKYOa01b03_r1_818	204324576	G	A	A	A	A	A	A	A	G	A	A	A	G	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784716	J581488	204391572	A	G	G	G	G	G	G	G	A	G	G	G	A	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784717	gko-34e12_rp2_b1_147	204573537	C	T	T	T	T	T	T	T	C	T	T	T	C	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2784718	SHRSPc52d06_s1_444	204793594	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2784719	rat108_042_h04.p1cb_350	204878579	A	C	C	C	C	C	C	C	A	C	C	C	A	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2784720	J468482	205041917	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2784721	gko-18d13_rp2_b1_157	205216272	A	-	A	A	A	A	A	A	G	A	A	A	G	A	A	A	A	A	A	A	G	G	G
ENSRNOSNP2784722	J517612	205376613	T	T	T	-	T	T	-	T	TC	T	T	T	TC	-	T	T	T	T	-	TC	C	TC	
ENSRNOSNP2784723	WKY-G-j-12a09_f1_1130	205671704	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2784724	J544198	205733521	T	T	T	T	T	T	T	T	C	T	T	T	C	T	T	T	T	T	T	T	C	C	C
ENSRNOSNP2784725	rat106_017_o23.q1ca_142	205759970	C	C	C	C	C	C	C	C	A	C	C	C	A	C	C	C	C	C	C	C	A	A	A
ENSRNOSNP2784726	gko-79m3_rp2_b1_52	206245790	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A
ENSRNOSNP2784727	gko-21a12_fp2_b1_165	206413402	T	T	T	T	T	T	T	T	G	T	T	T	G	T	T	T	T	T	T	T	G	G	G
ENSRNOSNP2784728	J594050	206552616	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	G	G	G
ENSRNOSNP2784729	Cpn_1206682156	206682156	G	G	G	G	G	G	G	G	A	G	G	G	A	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784730	rat013_028_h13.q1ca_705	206800577	T	T	T	T	T	T	T	T	A	T	T	T	A	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784731	rat107_026_k13.p1ca_310	206816789	G	G	G	G	G	G	G	G	A	G	G	G	A	G	G	G	G	G	G	G	A	A	A
ENSRNOSNP2784732	J579069	206878409	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2784733	rat103_041_f02.q1ca_544	207000773	G	G	G	G	G	G	G	G	A	G	G	G	A	G	G	G	G	G	G	G	A	A	A
ENSRNOSNP2784734	J519024	207066536	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	T	T	T
ENSRNOSNP2784735	J541152	207171392	A	A	A	A	A	A	A	A	G	A	A	A	G	A	A	A	A	A	A	-	G	G	G
ENSRNOSNP2784736	Cpn_1207450582	207450582	G	G	G	G	G	G	G	G	A	G	G	G	A	G	G	-	G	G	G	G	G	G	G
ENSRNOSNP2784737	rat106_025_f16.p1ca_195	207503859	C	C	C	C	C	C	C	C	T	C	C	C	T	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784738	rat105_019_j14.p1ca_275	207546592	C	C	C	C	C	C	C	C	A	C	C	C	A	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784739	rat103_002_i01.p1ma_346	207659997	A	A	A	A	A	A	A	A	G	A	A	A	G	A	A	A	A	A	A	A	G	G	G
ENSRNOSNP2784741	J469256	207715030	A	A	A	-	A	A	-	A	A	A	A	A	A	-	A	A	A	A	-	G	G	G	G
ENSRNOSNP2784742	rat105_008_d14.q1cb_380	207991933	T	T	T	T	T	T	T	T	G	T	T	T	G	T	T	T	T	T	T	T	G	G	G
ENSRNOSNP2784743	rat103_036_e09.p1ca_64	208010733	T	T	T	T	T	T	T	T	C	T	T	T	C	T	T	T	T	T	T	T	C	C	C
ENSRNOSNP2784744	J523349	208029058	C	-	C	-	C	A	-	-	-	C	C	C	-	-	-	C	-	-	-	-	C	C	C
ENSRNOSNP2784745	gko-89f18_fp2_b1_229	208045208	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T

ENSRNOSNP2784833	DS-g-a-38g08_r1_491	222249801	C	C	C	C	C	C	T	C	C	T	T	T	C	T	C	C	C	C	-	T	T	T
ENSRNOSNP2784834	SHRSPa43h04_s1_819	222478178	T	C	C	C	C	C	T	C	C	T	T	T	C	T	C	C	C	C	C	C	C	C
ENSRNOSNP2784835	J596140	223093095	A	-	A	-	A	A	T	-	-	-	A	A	A	-	-	-	A	A	A	-	A	A
ENSRNOSNP2784836	SHRSPc33f05_r1_338	223127353	G	C	C	C	C	C	C	C	C	G	G	G	C	G	C	C	C	C	C	C	C	C
ENSRNOSNP2784837	J506310	223188441	A	C	C	-	C	C	-	C	C	C	C	C	C	-	C	C	C	C	-	C	C	C
ENSRNOSNP2784838	J1260586	223474188	C	T	T	T	T	T	T	T	T	C	C	C	T	C	T	T	T	T	T	T	T	T
ENSRNOSNP2784839	J482894	223704445	C	T	T	T	T	T	T	T	T	C	C	C	T	C	T	T	T	T	-	T	T	T
ENSRNOSNP2784840	gnl ti 896840146_19866867170110_323	223710972	T	A	A	A	A	A	A	A	A	T	T	T	A	T	A	A	A	A	A	A	A	A
ENSRNOSNP2784841	J559161	223814404	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784842	gnl ti 896828697_19866868382869_454	223864981	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784843	J574278	223948650	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	C	A
ENSRNOSNP2784844	J527939	224128466	G	C	C	C	C	C	C	C	C	G	G	G	C	G	C	C	C	C	C	C	G	C
ENSRNOSNP2784845	gnl ti 896607033_19866866956703_245	224216155	G	T	T	T	T	T	T	T	T	G	G	G	T	G	T	T	T	T	T	T	G	T
ENSRNOSNP2784846	J528500	224226608	A	G	G	G	G	G	G	G	G	A	A	A	G	A	G	G	G	G	-	A	G	G
ENSRNOSNP2784847	J679686	224339653	C	G	G	G	G	G	G	G	G	C	C	C	G	C	G	G	G	G	-	C	G	G
ENSRNOSNP2784848	gko-17c4_rp2_b1_643	224377627	A	C	C	C	C	C	C	C	C	A	A	A	C	A	C	C	C	C	C	A	C	C
ENSRNOSNP2784849	rat109_042_b24.q1ca_347	224450553	C	T	T	C	T	T	CT	T	T	C	C	C	T	C	T	T	T	T	C	T	T	T
ENSRNOSNP2784850	J876926	224498444	T	C	C	C	C	C	C	C	C	T	T	T	C	T	C	C	C	C	-	T	C	C
ENSRNOSNP2784851	gko-17a18_rp2_b1_736	224530235	C	G	G	G	G	G	G	G	G	C	C	C	G	C	G	G	G	G	G	C	G	G
ENSRNOSNP2784852	J525939	224740245	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	C	C	C
ENSRNOSNP2784853	rat101_026_f17.q1ca_517	225073386	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784854	Cpn_1225096659	225096659	G	-	T	T	T	T	T	T	T	G	G	G	T	G	T	T	-	T	T	G	T	T
ENSRNOSNP2784855	DS-g-a-29b11_f1_39	225292689	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784856	gko-61c14_fp2_b1_634	225467067	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784857	J658194	225579245	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2784858	gko-33i19_fp2_b1_113	225730889	C	T	T	T	T	T	T	T	T	C	C	C	T	C	T	T	T	T	T	C	T	T
ENSRNOSNP2784859	J576143	225788091	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784860	Cpn_1225978942	225978942	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784861	J1260913	226097882	T	TC	C	C	C	TC	C	-	TC	T	T	T	TC	T	-	C	TC	TC	C	T	C	C
ENSRNOSNP2784862	WKYc61d08_r1_454	226148316	C	T	T	T	T	T	T	T	T	C	C	C	C	-	T	T	T	T	T	C	T	T
ENSRNOSNP2784863	J473945	226226832	T	C	C	C	C	C	C	C	C	T	T	T	C	T	C	C	C	C	-	T	C	C
ENSRNOSNP2784864	rat101_039_h14.q1ca_398	226279794	C	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	C	G	G
ENSRNOSNP2784865	SHRSPa56g02_r1_538	226391086	T	G	G	G	G	G	G	G	G	T	T	T	T	T	G	G	G	G	G	T	T	T
ENSRNOSNP2784866	WKYc16a05_s1_488	226429326	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2784867	rat106_003_f22.q1ca_142	226446443	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784868	gnl ti 896830637_19866868228151_299	226580639	C	G	G	G	G	G	G	G	G	C	C	C	G	C	G	G	G	G	G	C	C	C
ENSRNOSNP2784869	J666471	226640285	A	A	G	G	-	G	A	G	-	A	A	G	G	G	G	G	G	-	A	A	A	A
ENSRNOSNP2784870	J341248	226850093	A	G	G	G	G	G	G	G	G	G	G	G	A	G	G	G	G	G	-	G	A	A
ENSRNOSNP2784871	gnl ti 896617915_19866867129164_382	227045735	C	C	C	C	C	C	C	C	C	G	G	G	C	G	C	C	C	C	C	G	C	C

ENSRNOSNP2784950	J563567	237021546	C	C	C	C	C	C	C	C	C	T	T	T	C	C	C	C	C	C	-	T	T	T	
ENSRNOSNP2784951	gko-97h11_rp2_b1_354	237148023	C	A	C	C	C	A	C	C	A	A	A	A	A	C	A	A	A	A	A	A	A	A	
ENSRNOSNP2784952	J491517	237383999	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T
ENSRNOSNP2784953	gko-104o17_fp2_b1_508	237469738	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784954	WKYe09a09_r1_136	237503621	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2784955	WKY-G-i-44f06_f1_1430	237835559	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784956	J488006	237910637	T	T	T	T	T	T	T	T	T	C	C	C	T	T	T	T	T	T	T	T	TC	C	TC
ENSRNOSNP2784957	gko-27e7_rp2_b1_105	237978144	A	A	A	A	A	A	A	A	A	C	C	C	A	A	A	A	A	A	A	A	C	C	C
ENSRNOSNP2784958	J572328	238479524	A	A	A	A	A	A	A	A	A	T	T	T	A	A	A	A	A	A	A	-	T	T	T
ENSRNOSNP2784959	rat104_013_k22.q1ca_686	238861117	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784960	SHRSPc64a05_r1_121	238892832	G	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784961	J598326	239048791	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T
ENSRNOSNP2784962	gko-108f14_rp2_b1_311	239048926	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784963	J342461	239161787	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A
ENSRNOSNP2784964	SHRSPc10g01_s2_205	239812380	G	A	A	A	A	A	A	A	A	G	G	G	A	A	A	A	A	A	A	A	G	G	G
ENSRNOSNP2784965	rat101_015_m05.plca_544	240135307	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784966	J1300459	240425135	A	G	G	G	G	G	G	G	G	A	A	A	G	G	G	G	G	G	G	-	A	A	A
ENSRNOSNP2784967	gko-18c21_rp2_b1_62	240506905	C	C	C	C	C	C	C	CT	C	T	T	T	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2784968	J474918	240576215	A	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784969	WKYOa42g04_r1_262	240673620	G	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784970	SHRSPc10b09_s2_124	240766152	G	A	A	A	A	A	A	A	A	G	G	G	A	A	A	A	A	A	A	A	G	G	G
ENSRNOSNP2784971	rat104_028_b17.q1ca_305	240839725	C	T	T	T	T	T	T	T	T	C	C	C	T	T	T	T	T	T	T	T	C	C	C
ENSRNOSNP2784972	SHRSPc52e03_r1_432	240928043	G	A	A	A	A	A	A	A	A	G	G	G	A	A	A	A	A	A	A	A	G	G	G
ENSRNOSNP2784973	Cpn_1240992368	240992368	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2784975	Cpn_1241639040	241639040	T	T	T	T	T	T	T	T	T	C	C	C	T	T	T	T	T	T	T	T	C	-	-
ENSRNOSNP2784976	WKYc72b11_s1_461	242263558	T	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784977	J697156	242329444	C	C	C	C	C	C	C	C	C	T	T	T	C	C	C	C	C	C	-	T	T	T	
ENSRNOSNP2784978	J503759	242418966	G	A	G	-	G	A	-	-	A	A	A	A	G	-	-	G	A	A	-	A	A	A	A
ENSRNOSNP2784979	Cpn_1242637435	242444039	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2784980	J595364	242551679	T	T	T	T	T	T	T	T	T	C	C	C	T	T	T	T	T	T	-	C	C	C	
ENSRNOSNP2784981	gko-67a10_rp2_b1_301	242599651	T	T	T	T	T	T	T	T	T	A	A	A	T	T	T	T	T	T	T	A	A	A	A
ENSRNOSNP2784982	J551759	243881365	C	C	C	-	C	C	-	C	C	C	C	C	C	-	C	C	C	C	-	CT	T	CT	
ENSRNOSNP2784983	J655226	244519462	A	A	A	A	A	A	A	A	A	T	T	T	A	A	A	A	A	A	-	A	A	A	A
ENSRNOSNP2784984	J632995	244621903	T	T	T	-	T	T	-	T	T	C	C	C	T	-	T	T	T	T	-	T	T	T	T
ENSRNOSNP2784985	J468480	244723523	G	G	G	G	G	G	G	G	G	A	A	A	G	G	G	G	G	G	-	A	A	A	A
ENSRNOSNP2784986	Cpn_1245301605	245301605	T	T	T	T	T	T	TC	T	T	C	C	C	T	T	T	T	T	T	T	T	C	C	C
ENSRNOSNP2784987	J671394	245348611	G	C	G	G	G	C	G	-	C	G	G	G	-	G	-	G	-	C	G	G	C	G	G
ENSRNOSNP2784988	Cpn_1245350235	245350235	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2784989	rat109_024_e21.q1ca_332	245413465	A	C	C	C	C	C	C	C	A	A	A	A	C	C	C	C	C	C	C	A	A	A	A

ENSRNOSNP2784990	rat102_001_b02.p1ca_544	245418191	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T				
ENSRNOSNP2784991	Cpn_1245418564	245418564	C	-	T	T	C	T	T	T	T	T	C	C	C	T	-	T	T	CT	T	C	T	C	C	C	
ENSRNOSNP2784992	rat102_018_o15.p1ca_117	245418921	G	T	T	T	T	T	T	T	T	T	G	G	G	T	T	T	T	T	T	T	T	G	G	G	
ENSRNOSNP2784993	rat108_001_j01.q1ca_703	245686574	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T	
ENSRNOSNP2784994	SHRSPc08h12_r1_470	245691446	A	G	G	G	G	G	G	G	G	G	A	A	A	G	G	G	G	G	G	G	G	A	-	-	
ENSRNOSNP2784995	rat108_031_b04.q1ca_198	245725606	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2784996	J1305629	245763299	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2784997	J682298	245886655	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	A	A	A
ENSRNOSNP2784998	SHRSPc21h03_r1_724	245924574	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T	
ENSRNOSNP2784999	WKYc21c09_s1_747	246010144	G	A	A	A	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2785000	J691977	246033390	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	A	A	A
ENSRNOSNP2785001	J562377	246145270	G	G	G	-	G	-	-	-	G	C	G	G	G	-	-	-	G	-	G	C	-	G	C	G	G
ENSRNOSNP2785002	SHRSPc11g10_s2_236	246189919	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T	
ENSRNOSNP2785003	WKYe11f03_r1_428	246261698	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2785004	rat110_014_i18.p1ca_405	246412724	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	G	G	G	
ENSRNOSNP2785005	J654209	246456731	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	T	T	T	
ENSRNOSNP2785006	DS-g-a-37c04_f1_201	246504030	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2785007	rat106_020_a13.q1ca_430	246615233	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	
ENSRNOSNP2785008	rat106_020_a13.p1ca_77	246615541	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2785009	J558948	246623550	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	T	T	T
ENSRNOSNP2785010	gko-71c18_fp2_b1_522	246757144	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2785011	J583803	246758778	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2785012	rdahl-79m5_fp2_b1_231	246906744	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	
ENSRNOSNP2785013	J641134	247068095	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2785014	rat106_005_o04.p1ca_742	247093374	A	-	-	-	-	-	-	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2785015	rat101_017_o02.q1ca_293	247171067	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	G	G	G	
ENSRNOSNP2785016	J483648	247172158	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	T	T	T
ENSRNOSNP2785017	J469697	247326999	T	C	C	-	C	C	-	C	C	C	C	C	C	C	-	C	C	C	C	C	-	C	C	C	
ENSRNOSNP2785018	Cpn_1247347259	247347259	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2785019	rat101_010_m22.q1ca_510	247350344	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2785020	SHRSPc30g08_r1_304	247403219	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C	
ENSRNOSNP2785021	gko-69a5_rp2_b1_122	247638201	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A	
ENSRNOSNP2785022	J592374	247736591	T	A	A	A	-	A	A	-	A	A	A	A	A	A	-	A	A	A	A	A	-	A	A	A	
ENSRNOSNP2785023	WKYc95d02_s1_305	247817588	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2785024	J696336	247929983	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	C	C	C
ENSRNOSNP2785025	gko-69a22_rp2_b1_673	247958585	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2785026	Cpn_1248118570	248118570	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	G	G	G	
ENSRNOSNP2785027	rat105_030_k01.q1cb_180	248121772	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T	
ENSRNOSNP2785028	rat107_019_h02.q1ca_371	248140473	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	

ENSRNOSNP2785069	rat108_035_e01.q1ca_144	251755814	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		
ENSRNOSNP2785070	WKYc75c11_r1_62	251758852	A	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
ENSRNOSNP2785071	J556031	251876667	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	C	C	C	
ENSRNOSNP2785072	gko-107d17_fp2_b1_464	251919957	G	G	G	G	G	A	G	G	A	A	A	A	A	A	A	A	A	A	A	A		
ENSRNOSNP2785073	J668614	251982463	T	C	C	C	C	T	C	C	T	T	T	T	T	T	T	T	T	T	T	T		
ENSRNOSNP2785074	J572842	252075188	C	C	C	C	C	T	C	C	T	T	T	T	T	T	T	T	T	-	T	T	T	
ENSRNOSNP2785075	J651201	252181230	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	C	C	C	
ENSRNOSNP2785076	Cpn_1252197077	252197077	T	C	C	C	C	T	C	C	T	T	T	-	T	T	T	T	T	T	T	-	-	
ENSRNOSNP2785077	rat101_037_e13.p1ca_191	252201419	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2785079	rat101_001_o12.q1ca_300	252453603	G	T	T	T	T	G	T	T	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2785080	J877804	252460516	A	C	C	-	C	A	-	C	A	A	A	A	A	A	A	A	A	-	A	A	A	
ENSRNOSNP2785081	SHRSPc08c09_r1_712	252511949	C	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2785082	WKYOa55f10_s1_199	252657633	G	A	A	-	A	G	A	A	G	G	G	G	G	G	G	-	G	G	G	G	G	
ENSRNOSNP2785083	J522384	252661969	G	G	G	G	G	A	G	G	A	A	A	G	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2785084	J1271521	252779708	T	C	C	C	C	T	C	C	T	T	T	T	T	T	T	T	T	-	T	T	T	
ENSRNOSNP2785085	Cpn_1252871262	252871262	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2785086	rat104_016_g10.q1ca_264	252875633	G	A	A	A	A	G	A	A	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2785087	rat013_054_i07.q1ca_232	252985998	G	C	C	C	C	G	C	C	G	G	G	G	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2785088	WKYc107b12_s1_229	252995488	G	A	A	A	A	A	A	A	A	A	A	-	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2785089	J596912	253011626	C	C	C	C	C	T	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2785091	SHRSPa25g10_s1_775	253246042	G	G	G	G	G	T	G	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2785092	gko-6d5_rp2_b1_412	253423962	A	A	A	A	A	C	A	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2785093	J649473	253643590	T	T	T	-	T	T	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
ENSRNOSNP2785094	rdahl-33d6_fp2_b1_205	253644637	T	T	T	T	T	C	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
ENSRNOSNP2785095	J1269649	253806438	C	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G	
ENSRNOSNP2785096	SHRSPc62h12_s1_272	254209324	T	T	T	T	-	C	T	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2785097	gnl ti 896700629_19866867954014_268	254514369	A	A	A	A	A	A	A	T	A	A	A	A	A	A	A	A	A	A	A	A	A	
ENSRNOSNP2785098	J677586	254550790	C	C	C	C	C	A	C	A	A	A	A	A	A	A	A	A	A	-	C	C	C	
ENSRNOSNP2785099	J636317	254715527	A	T	T	T	T	A	T	T	A	A	A	A	A	A	A	A	A	A	A	T	T	T
ENSRNOSNP2785100	SHRSPc60h06_s1_517	254824212	C	C	C	C	C	C	C	T	T	T	T	T	C	T	T	T	T	T	T	C	C	C
ENSRNOSNP2785101	J1264254	254908544	G	A	A	A	A	G	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A	
ENSRNOSNP2785102	gnl ti 896616272_19866867247325_375	255259646	G	G	G	G	G	G	A	G	G	G	G	A	G	G	G	G	G	G	G	G	G	
ENSRNOSNP2785103	J1273692	255362995	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2785104	J1273298	255666505	A	G	G	G	G	G	G	G	A	A	A	A	A	A	A	A	A	A	A	G	G	G
ENSRNOSNP2785105	gko-50g15_rp2_b1_254	255707762	A	A	A	A	A	A	A	G	A	A	A	-	A	A	A	A	A	A	A	G	G	G
ENSRNOSNP2785106	J1266955	255757909	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2785107	rat101_015_o06.p1cb_144	255765717	C	T	T	T	T	T	T	T	T	T	T	C	T	T	T	T	T	T	T	C	C	C
ENSRNOSNP2785108	J664720	255885332	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	G	G	G	
ENSRNOSNP2785109	WKYc95b02_s1_448	255933254	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A

ENSRNOSNP2785110	J568085	255998182	T T T T T T T C	T T T T T T T T	C C C
ENSRNOSNP2785111	WKYc96h01_s1_143	256049463	C T T T T T T T	T T T T C T T T T T	T T T
ENSRNOSNP2785112	Cpn_1256081651	256081651	A C C C C C C C	C C C C C C C C - C	A A A
ENSRNOSNP2785113	J598123	256102412	T T T T T T T A	T T T T T T T T -	A A A
ENSRNOSNP2785114	J529527	256341785	A A A - T A - T	A T T T T A - A T A A	A A A
ENSRNOSNP2785115	WKYc28h03_r1_466	256345221	A A A A C C A C	C C C C C C C C C C C C	C C C
ENSRNOSNP2785116	WKYOa52g07_s1_155	256566508	T C C C C C C C	C C C C C C C C - C C C	C C C
ENSRNOSNP2785117	J536037	256651378	T T T T T T T A	T T T T T T T T T T	A A A
ENSRNOSNP2785118	WKYe12f08_s1_142	256694017	A A A A G G A G	A A - A A A A A A A A	G G G
ENSRNOSNP2785119	J477674	256775981	G A A A A A A A	A A A A A A A A A A -	A A A
ENSRNOSNP2785120	WKYc74c06_s1_792	256807760	T T T T C C T C	T T T T T T T T T T	T T T
ENSRNOSNP2785121	gnl ti 896487007_19866867643685_278	256985121	T T T T G G T G	T T T T G T T T T T T T	T T T
ENSRNOSNP2785122	J549695	257092128	G A A A A A A A	A A A A A A A A A A A A	A A A
ENSRNOSNP2785123	J563204	257302761	T T T T T T T C	T T T T T T T T T T -	C C C
ENSRNOSNP2785124	WKYOa11c05_s1_415	257307659	A A A A G G A G	A A A A G A A A A A A A	A A A
ENSRNOSNP2785126	gnl ti 896804887_19866867039419_252	257483034	A A A A A A A C	A A A A C A A A A A A A	C C C
ENSRNOSNP2785127	J548815	257517511	G G G G A A G A	G G G G A G G G G G G -	A A A
ENSRNOSNP2785128	gnl ti 896696792_19866868286899_289	257629363	T G G G - T G G	G G G G G G G G G G G G	G G G
ENSRNOSNP2785129	J657133	257758658	C T T T T T T T	T T T T T T T T T T T T	C C C
ENSRNOSNP2785130	gko-103i3_fp2_b1_461	257812633	G A A G G A A	G G G G G G G G G G G G	A A A
ENSRNOSNP2785131	J658290	257937532	T G G - G G - G	G G G G G G - G G G G G -	G G G
ENSRNOSNP2785132	gko-85n6_fp2_b1_424	257951523	A G G G G G G G	G G G G G G G G G G G G	G G G
ENSRNOSNP2785133	J1287994	258032919	A A A - G G - G	A A A A A - A A A A -	A A A
ENSRNOSNP2785134	rdahl-97n21_fp2_b1_260	258097849	G A A A G G A A	G G G G G G G G - G G G	G G G
ENSRNOSNP2785135	J537014	258160379	G T T T T T T T	G G G G T - G G G G -	T T T
ENSRNOSNP2785136	rdahl-74p19_fp2_b1_808	258250123	C T T T C C T T	T T T T T T T T T T T T	C C C
ENSRNOSNP2785137	gnl ti 896984663_19866867936401_360	258395004	C A A A A A A A	A A A A C A A A A A A A	A A A
ENSRNOSNP2785138	rdahl-19j5_fp2_b1_660	258533775	G T T T G G T T	T T T T T T T T T T T T	G G G
ENSRNOSNP2785139	J589089	258565344	A G G G A A G G	G G G G A G G G G G G G	G G G
ENSRNOSNP2785140	WKY-G-i-24c09_f1_1296	258949177	A A A A C C A C	A A A A A A A A A A A A	A A A
ENSRNOSNP2785141	gnl ti 842493205_50149288_295	259115635	G A A G G A A	G G G G A G G G G G G G	G G G
ENSRNOSNP2785142	J649333	259303930	G G G G A A G A	G G G G G G G G G G G G	A A A
ENSRNOSNP2785143	WKYc96g09_s1_647	259431003	G G G G C C G C	G G G G G G G G G G G G	G G G
ENSRNOSNP2785144	J684532	259466027	A C C C C C C C	C C C C C C C C C C -	A A A
ENSRNOSNP2785145	gko-85d23_fp2_b1_704	259613114	G G G G A A G A	G G G G G G G G G G G G	A A A
ENSRNOSNP2785146	WKYc55f03_s1_57	259682909	C T T - T T T T	T T T T T T T T T T T T	T T T
ENSRNOSNP2785147	Cpn_1259757182	259757182	G A A A A A A A	A A A A A A A A A A A A	A A A
ENSRNOSNP2785148	J687411	259768068	G G G G G G G A	G G G G G G G G G G -	G G G
ENSRNOSNP2785150	J543992	260120668	C C C C C C C T	C C C C C C C C C C -	T T T

ENSRNOSNP2785190	J639804	264276274	G	G	G	G	G	G	G	A	A	A	A	A	G	A	A	A	A	A	-	G	G	G	
ENSRNOSNP2785191	gko-76k16_rp2_b1_86	264305485	G	G	G	G	G	G	G	A	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A
ENSRNOSNP2785192	rat104_069_p02.q1ca_479	264614701	A	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2785193	Cpn_1264614861	264614861	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2785194	J472637	264637488	A	A	A	A	A	A	A	G	A	A	A	A	A	A	A	A	A	A	A	-	G	G	G
ENSRNOSNP2785195	J507202	264748071	T	T	T	T	T	T	T	A	T	T	T	T	T	T	T	T	T	T	T	-	A	A	A
ENSRNOSNP2785196	WKYc81d05_s1_72	264838258	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A
ENSRNOSNP2785197	J506658	264898559	C	C	C	C	C	C	C	T	C	C	C	C	C	C	C	C	C	C	C	C	T	T	T
ENSRNOSNP2785198	SHRSPa17c07_r1_925	264975989	G	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	G	G	G
ENSRNOSNP2785199	J580196	265120413	G	G	G	G	G	G	G	T	G	G	G	G	G	G	G	G	G	G	G	-	T	T	T
ENSRNOSNP2785200	gko-67j4_rp2_b1_656	265120622	T	C	C	C	T	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2785201	rat101_031_n21.p1ca_169	265305730	G	G	G	G	A	A	G	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2785202	rat101_005_a10.p1ca_321	265306719	A	A	A	A	G	G	A	G	A	A	A	A	A	A	A	A	A	A	A	A	G	G	G
ENSRNOSNP2785203	gko-57g10_rp2_b1_307	265606203	T	G	G	G	T	T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2785204	rdahl-13d10_fp2_b1_119	265780564	T	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2785205	SHRSPc67g11_r1_497	266004074	G	G	G	G	G	G	G	C	C	C	-	C	C	C	C	C	C	C	C	C	G	G	G
ENSRNOSNP2785206	J876269	266026349	C	T	T	T	C	C	T	T	T	T	T	T	T	T	T	T	T	T	T	-	T	T	T
ENSRNOSNP2785207	J557484	266121730	C	A	A	A	C	C	A	A	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A
ENSRNOSNP2785208	gnl tij896599295_19866867070955_252	266197938	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2785209	J483342	266217621	G	C	C	C	-	-	C	C	C	C	C	C	C	C	C	C	C	C	C	-	C	C	C
ENSRNOSNP2785210	rat110_008_h22.p1ca_98	266227149	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ENSRNOSNP2785211	SHRSPc12b09_r1_586	266460770	C	C	C	C	C	C	C	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C
ENSRNOSNP2785212	J873120	266493431	C	C	C	C	C	C	C	A	A	A	A	A	A	A	A	A	A	A	A	A	C	C	C
ENSRNOSNP2785213	WKYc30a10_r1_599	266567568	T	T	T	T	C	C	T	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2785214	gnl tij897030222_19866868437155_261	266742664	C	C	C	C	C	C	C	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	C
ENSRNOSNP2785215	J490207	266979802	G	A	A	A	A	A	A	A	G	G	G	G	G	G	G	G	G	G	G	G	A	A	A
ENSRNOSNP2785216	rat102_039_o17.q1ca_138	267130082	G	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2785217	rat103_033_114.q1ca_306	267130263	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2785218	Cpn_1267130354	267130354	G	G	G	G	G	G	G	C	C	C	C	C	C	C	C	C	C	C	C	C	G	G	G
ENSRNOSNP2785219	J672723	267194715	G	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	-	C	C	C
ENSRNOSNP2785220	WKYc57g01_s1_188	267269141	T	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
ENSRNOSNP2785221	J680709	267369088	C	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	-	G	G	G
ENSRNOSNP2785222	rdahl-90j15_rp2_b1_405	267426035	A	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
ENSRNOSNP2785223	SHRSPa01h01_r1_37	267825206	C	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
ENSRNOSNP2785224	J526751	267832846	G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	-	A	A	A