

Supplementary Table 5. Variant calls of wild type strain control WT2

#CHROM	POS	ID	REF	ALT	QUAL	FILTER	DP	Donor	CJ1	CB1	CB3	WT1	WT2	WT3	EFF[*].EFF ECT	EFF[*].JM PACT	EFF[*].FU NCLASS	EFF[*].CO DON	EFF[*].AA _LEN	EFF[*].GE NE	EFF[*].BIO TYPE	EFF[*].CO DING	EFF[*].TRI D	EFF[*].RA NK	Head	Note
1	1.09E+08		C	CA	1282.4		229	0/0	0/0	0/0	1/1	0/1	1/1	1/1	upstream, MODIFIER NONE	n.-1_-1insA	-1	SCARNA1 snoRNA		ENSSSCT0	-1		#CHROM	Chromosome		
1	1.09E+08		C	CA	1282.4		229	0/0	0/0	0/0	1/1	0/1	1/1	1/1	upstream, MODIFIER NONE	n.-1_-1insA	-1	SCARNA1 snoRNA		ENSSSCT0	-1		POS	Position		
1	1.09E+08		C	CA	1282.4		229	0/0	0/0	0/0	1/1	0/1	1/1	1/1	intron_vari MODIFIER NONE	c.16+1468_16+1469i	-1	ACAA2 protein_coding		ENSSSCT0	1		ID	Identification		
1	1.82E+08		T	C	4023.92		210	0/0	0/1	1/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE		-1	U2-DIS3L				-1	REF	Reference seq (Sscrofa 10.2)		
1	1.9E+08		A	G	1167.65		122	0/0	1/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE		-1	S5_rRNA-U6				-1	ALT	Alternative sequence		
1	2.17E+08		GAA	G	1834.22		209	0/0	0/1	0/1	0/1	0/1	1/1	0/1	intergenic, MODIFIER NONE	n.null_nulldelAA	-1	GPB5-ENSSSCG00000005118				-1	QUAL	Quality		
1	19885280		C	T	1176.07		149	1/1	1/1	1/1	1/1	0/1	0/1	0/1	intergenic, MODIFIER NONE		-1	U6-SAMD5				-1	FILTER			
1	19885288		A	C	1300.5		148	1/1	1/1	1/1	0/1	0/1	0/0	1/1	intergenic, MODIFIER NONE		-1	U6-SAMD5				-1	DP	Total depth		
1	19885296		T	C	1361.47		154	1/1	1/1	1/1	0/1	0/1	0/0	1/1	intergenic, MODIFIER NONE		-1	U6-SAMD5				-1	EFF[*].EFFE	Genetic element		
1	23161886		T	C	1543.19		172	1/1	1/1	1/1	1/1	0/1	0/0	0/1	intergenic, MODIFIER NONE		-1	ENSSSCG00000004123-ENSSSCG000000026				-1	EFF[*].JMP	Functional annotation		
1	23165345		T	C	1306.48		152	1/1	1/1	1/1	.	0/1	0/0	0/1	intergenic, MODIFIER NONE		-1	ENSSSCG00000004123-ENSSSCG000000026				-1	EFF[*].FUNCLASS			
1	1.23E+08		AT	A	2468.34		239	1/1	1/1	1/1	1/1	0/1	0/0	0/1	intergenic, MODIFIER NONE		-1	ANXA2-ENSSSCG00000004580				-1	EFF[*].CODON			
1	1.66E+08		TG	T	4071.08		234	1/1	0/1	0/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE		-1	FBXO15-ENSSSCG000000025660				-1	EFF[*].AA			
1	2.2E+08		C	T	7330.54		340	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	U6-TUSC1				-1	EFF[*].AA_LEN			
1	2.22E+08		T	C	6677.54		264	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.298+8250T>C	-1	ELAVL2 protein_coding		ENSSSCT0	4		EFF[*].GENE			
1	2.25E+08		G	C	1317.39		287	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	IFN-ALPHA-11-CH242-414D14.1				-1	EFF[*].BIOTYPE			
1	2.25E+08		G	A	1570.28		282	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	IFN-ALPHA-11-CH242-414D14.1				-1	EFF[*].CODING			
1	2.25E+08		T	C	1720.74		220	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	IFN-ALPHA-11-CH242-414D14.1				-1	EFF[*].TRID			
1	2.25E+08		A	G	1566.74		222	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	IFN-ALPHA-11-CH242-414D14.1				-1	EFF[*].RANK			
1	2.25E+08		T	C	1727.73		219	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	IFN-ALPHA-11-CH242-414D14.1				-1	.	Not called		
1	2.25E+08		C	A	4065.97		298	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.399+10379C>A	-1	IFN-ALPHi protein_coding		ENSSSCT0	3		0/0	Homogeneous to REF		
1	2.29E+08		T	C	5339.64		288	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.802+827A>G	-1	SH3GL2 protein_coding		ENSSSCT0	9		0/1	Homogeneous to REF		
1	2.31E+08		A	G	5747.55		235	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	TTC39B-ZDHHC21				-1	1/1	Homogeneous to ALT		
1	2.31E+08		A	G	5654.54		233	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	TTC39B-ZDHHC21				-1				
1	2.89E+08		C	T	1589.58		148	1/1	1/1	1/1	1/1	0/1	0/0	1/1	intergenic, MODIFIER NONE		-1	ENSSSCG00000005502-ENSSSCG000000027				-1				
1	2.89E+08		A	T	1761.99		144	1/1	1/1	1/1	1/1	0/1	0/0	1/1	intergenic, MODIFIER NONE		-1	ENSSSCG00000005502-ENSSSCG000000027				-1				
2	8371729		CCA	C	1468.89		210	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	n.null_nulldelCA	-1	ZBTB3-TTC9C				-1				
2	19127176		CT	C	3059.78		258	0/0	0/0	0/0	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE		-1	TSPAN18-CD82				-1				
2	90267640		A	AAAAAC	3886.24		216	0/0	0/1	0/1	0/1	0/1	0/0	0/0	intergenic, MODIFIER NONE	n.null_nullinsAAAAAC	-1	ENSSSCG000000026098-ENSSSCG000000014				-1				
2	4845229		G	T	1173.19		123	1/1	1/1	1/1	1/1	1/1	0/0	1/1	upstream, MODIFIER NONE	c.-134C>A	-1	CTSF protein_coding		ENSSSCT0	-1					
2	4845229		G	T	1173.19		123	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	CTSF-CCDC87				-1				
2	4933475		G	C	1296.18		157	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.892+27G>C	-1	CTSF protein_coding		ENSSSCT0	8					
2	8870056		G	GTT	3275.88		172	1/1	0/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.992-2239_992-2238	-1	ENSSSCG protein_coding		ENSSSCT0	4					
2	29686631		AC	A	1116.53		156	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.4147-2633delC	-1	KIAA1549I protein_coding		ENSSSCT0	13					
2	29688931		C	CA	1888.12		196	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.4364+449_4364+45	-1	KIAA1549I protein_coding		ENSSSCT0	14					
2	48174967		TAC	T	4304.16		240	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.-736+44382_-736+	-1	SPON1 protein_coding		ENSSSCT0	6					
2	49365996		TAG	T	4868.06		182	1/1	0/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	n.null_nulldelAG	-1	BMAL1-ENSSSCG000000028546				-1				
2	52136229		GGT	G	4506.26		196	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.-3+5310_-3+5311d	-1	MRV11 protein_coding		ENSSSCT0	1					
2	52256122		TTG	T	5703.51		236	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.2168+4071_2168+4	-1	MRV11 protein_coding		ENSSSCT0	18					
2	52910825		AT	A	2764.77		252	1/1	0/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.496-5566delT	-1	ENSSSCG protein_coding		ENSSSCT0	4					
2	54632899		C	T	1265.25		180	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	JMJD4-ENSSSCG000000024506				-1				
2	55591681		A	G	1005.55		156	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	ENSSSCG000000025084-ENSSSCG000000028				-1				
2	61255610		G	GT	2448.68		227	1/1	1/1	1/1	0/1	0/1	0/0	1/1	intergenic, MODIFIER NONE	n.null_nullinsT	-1	ENSSSCG000000013844-ENSSSCG000000013				-1				
2	61714074		A	G	2278.19		161	1/1	1/1	1/1	0/1	0/1	0/0	1/1	intergenic, MODIFIER NONE		-1	CYP4F2-RASAL3				-1				
2	62994051		T	A	2127.2		239	1/1	1/1	1/1	1/1	0/1	0/0	1/1	upstream, MODIFIER NONE	c.-1T>A	-1	ENSSSCG protein_coding		ENSSSCT0	-1					
2	62994051		T	A	2127.2		239	1/1	1/1	1/1	0/1	0/1	0/0	1/1	intergenic, MODIFIER NONE		-1	ENSSSCG000000013811-ENSSSCG000000013				-1				
2	63077973		G	T	1013.9		161	1/1	1/1	1/1	0/1	0/0	0/0	1/1	intergenic, MODIFIER NONE		-1	ENSSSCG000000013810-ENSSSCG000000013				-1				
2	72365504		A	C	1300.74		141	1/1	1/1	1/1	1/1	0/1	0/0	1/1	intergenic, MODIFIER NONE		-1	ENSSSCG000000013566-INSR				-1				
2	72699689		C	G	2618.15		785	1/1	1/1	1/1	1/1	0/1	0/0	1/1	missense, MODERAT NONE	c.142C>G p.Arg48Gln	807	EMR1 protein_coding		ENSSSCT0	1					
2	72699689		C	G	2618.15		785	1/1	1/1	1/1	1/1	0/1	0/0	1/1	upstream, MODIFIER NONE	c.-1G>C	-1	ENSSSCG protein_coding		ENSSSCT0	-1					
2	88881240		T	C	1672.9		179	1/1	1/1	1/1	0/1	0/1	0/0	1/1	intron_vari MODIFIER NONE	c.-207+1926T>C	-1	ENSSSCG protein_coding		ENSSSCT0	1					
2	1.61E+08		A	C	1869.56		125	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	ENSSSCG000000028286-ENSSSCG000000025				-1				
2	1.61E+08		AT	A	3070.32		222	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	ENSSSCG000000021614-ENSSSCG000000027				-1				
3	52550229		T	C	1559.23		143	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE		-1	MRP59-ENSSSCG000000026126				-1				
3	52550244		T	C	1518.25		143	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE		-1	MRP59-ENSSSCG000000026126				-1				
3	54769594		A	G	1046.19		168	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE		-1	IL1R1-ENSSSCG000000028331				-1				
3	55829690		T	C	1156.22		161	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intron_vari MODIFIER NONE	c.*33+6539A>G	-1	RPL31 protein_coding		ENSSSCT0	4					
3	55829690		T	C	1156.22		161	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intron_vari MODIFIER NONE	c.2549-2990T>C	-1	TBC1D8 protein_coding		ENSSSCT0	15					
3	1386148		T	TG	3196.14		235	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	n.null_nullinsG	-1	ENSSSCG000000027961-ELFN1				-1				
3	4447954		A	G	1263.86		122	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	MMD2-WPI2				-1				
3	14687749		G	A	1302.61		143	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	U6-ENSSSCG000000007727				-1				
3	38056015		C	T	1094.51		127	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE		-1	U6-U6			</					

3	1.42E+08	T	G	4161.94	1151	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ACP1-ENSSSCG00000008661	-1
3	1.42E+08	C	G	7956.76	2096	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ACP1-ENSSSCG00000008661	-1
4	4068921	T	TG	1661.78	218	0/0	0/1	0/1	0/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	n.null_nullinsG	ENSSSCG00000005938-5S_rRNA	-1
4	20598904	C	CT	1482.44	258	0/0	0/1	0/0	0/1	0/1	1/1	1/1	intergenic, MODIFIER NONE	n.null_nullinsT	NOV-MAL2	-1
4	43291944	CAAAAA	C	3569.67	156	0/0	0/1	0/1	0/1	0/1	1/1	1/1	intergenic, MODIFIER NONE	n.null_nulldelAAAAA	SDC2-PTDSS1	-1
4	74051994	T	C	1357.71	165	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000006206-ENSSSCG000000023	-1
4	74052001	T	C	1158.98	164	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000006206-ENSSSCG000000023	-1
4	84082675	GA	G	3538.89	265	0/0	0/0	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	SOX17-MRPL15	-1
4	86371133	A	G	1238.81	164	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	PCMTD1-SNAI2	-1
4	1.3E+08	GA	G	1112.08	164	0/0	0/1	0/1	0/1	0/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000006870-SLC35A3	-1
4	9067293	T	C	1436.02	152	1/1	0/1	0/1	0/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.112+516T>C	OC90 protein_coding	ENSSSCT0 1
4	9067304	A	G	1354.02	149	1/1	0/1	0/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.112+527A>G	OC90 protein_coding	ENSSSCT0 1
4	24018739	A	G	1974.22	127	1/1	1/1	1/1	0/1	0/1	0/0	.	intergenic, MODIFIER NONE	-1	SNORA31-TRPS1	-1
4	33362195	T	TA	2516.62	245	1/1	0/1	1/1	0/1	0/1	0/0	1/1	intergenic, MODIFIER NONE	n.null_nullinsA	ABRA-ENSSSCG00000006037	-1
4	38937181	CAA	C	2837.04	168	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.428-391_428-390de	YWHAZ protein_coding	ENSSSCT0 3
4	39097076	A	AC	2577.95	157	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	n.null_nullinsC	YWHAZ-PABPC1	-1
4	1.23E+08	T	TAA	1208.17	201	1/1	1/1	0/1	1/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	n.null_nullinsAA	NTNG1-ENSSSCG00000006853	-1
4	1.42E+08	G	A	2361.39	152	1/1	1/1	1/1	1/1	0/0	1/1	1/1	intergenic, MODIFIER NONE	-1	ODF2L-ZNHIT6	-1
5	9089370	C	CT	2230.04	216	0/0	0/0	0/0	1/1	1/1	1/1	1/1	intron_vari MODIFIER NONE	c.3101-81_3101-80in	MYH9 protein_coding	ENSSSCT0 24
5	74973826	G	GC	1277.73	152	1/1	1/1	1/1	0/1	0/1	0/0	1/1	intron_vari MODIFIER NONE	c.-128-43159_-128-4	ENSSSCG protein_coding	ENSSSCT0 1
6	2338761	T	C	1084.1	129	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	-1	C16orf95-FOXL1	-1
6	3432569	C	G	1130.18	137	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	-1	MTHFSD-COX4I1	-1
6	17071811	A	C	1049.52	1905	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	CDH3-RSPRY1	-1
6	29037648	A	G	1211.43	115	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000002834-TOX3	-1
6	31093904	A	G	1081.53	127	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ZNF423-N4BP1	-1
6	59974516	T	C	1514.54	134	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000003361-C1orf174	-1
6	78665344	GA	G	1779.58	202	0/0	0/0	0/1	0/1	0/1	1/1	1/1	intron_vari MODIFIER NONE	c.572-1071delT	EYA3 protein_coding	ENSSSCT0 4
6	84569119	CG	C	3720.18	245	0/0	0/0	0/1	0/1	0/1	1/1	1/1	intergenic, MODIFIER NONE	-1	C1orf94-ENSSSCG00000003624	-1
6	1.41E+08	TA	T	1028.28	233	0/0	0/1	0/1	0/0	0/1	1/1	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000003828-JUN	-1
6	1.38E+08	T	C	1602.12	143	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ATG4C-U6	-1
6	1.38E+08	C	A	1521.16	143	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ATG4C-U6	-1
6	1.39E+08	C	T	1150.3	110	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	KANK4-ENSSSCG000000023243	-1
6	1.43E+08	C	T	1529.39	746	1/1	1/1	1/1	.	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	C8A-C1orf168	-1
6	1.43E+08	T	A	2840.78	4248	1/1	1/1	0/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	C8A-C1orf168	-1
7	928362	C	A	1608.58	179	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	FOXF2-GMDS	-1
7	2367332	G	A	1205.12	154	1/1	1/1	1/1	1/1	1/1	0/0	1/1	upstream, MODIFIER NONE	c.-1G>A	FAM50B protein_coding	ENSSSCT0 -1
7	2367332	G	A	1205.12	154	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	PXDC1-FAM50B	-1
7	2596504	C	A	1974.76	164	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ECI2-ENSSSCG00000000999	-1
7	30643829	G	T	1988.1	143	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	FAM83B-ENSSSCG00000001484	-1
7	30836318	T	C	1117.74	143	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	FAM83B-ENSSSCG00000001484	-1
7	31064626	C	T	1176.17	138	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG000000001484-ENSSSCG000000001	-1
7	32893934	C	T	1130.01	176	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intron_vari MODIFIER NONE	c.694-15474G>A	ENSSSCG protein_coding	ENSSSCT0 7
7	33452094	A	G	2162.6	159	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000025172-DST	-1
7	38316792	A	G	1346.47	140	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000001583-ENSSSCG000000001	-1
7	47277517	G	A	1624.89	108	1/1	1/1	1/1	1/1	1/1	0/0	1/1	upstream, MODIFIER NONE	c.-428C>T	ENPP4 protein_coding	ENSSSCT0 -1
7	47277517	G	A	1624.89	108	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ENPP4-RCAN2	-1
8	21945384	T	C	1257.37	140	0/0	0/1	1/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	7SK-ENSSSCG000000008763	-1
8	23009229	CG	C	1080.68	241	0/0	0/0	0/0	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000008763-PCDH7	-1
8	26874123	A	C	1342.97	136	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	PCDH7-ENSSSCG00000008767	-1
8	33762665	GT	G	1159.43	216	0/0	1/1	1/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	-1	NSUN7-U6	-1
8	39555553	T	TTA	4723.47	227	0/0	0/0	0/0	1/1	1/1	1/1	1/1	intron_vari MODIFIER NONE	c.2411+1756_2411+1	CORIN protein_coding	ENSSSCT0 16
8	45200463	CT	C	2816.01	228	0/0	0/1	0/0	0/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG000000024269-CPE	-1
8	87464621	G	C	1468.37	178	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intron_vari MODIFIER NONE	c.397-24591G>C	SLC10A7 protein_coding	ENSSSCT0 4
8	91243682	G	A	1121.08	157	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	IL15-ENSSSCG00000009052	-1
8	91357497	T	C	1793.91	153	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000009052-RNF150	-1
8	91374454	T	A	1591.76	160	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000009052-RNF150	-1
8	92971857	C	T	1650.73	174	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	MGST2-RAB33B	-1
8	1.17E+08	T	C	1702.7	161	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000021844-AR5J	-1
8	1.22E+08	A	AT	3506.92	224	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	n.null_nullinsT	RPL34-LF1	-1
8	1.24E+08	CAA	C	2250.3	127	1/1	1/1	1/1	1/1	1/1	0/0	1/1	upstream, MODIFIER NONE	c.-3_-3delTT	ENSSSCG protein_coding	ENSSSCT0 -1
8	1.24E+08	CAA	C	2250.3	127	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	n.null_nulldelAA	ENSSSCG00000020821-ENSSSCG000000023	-1
8	1.3E+08	GCCAA	G	6249	148	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	n.null_nulldelCCAA	ENSSSCG000000030522-ADH4	-1
8	1.31E+08	G	T	7800.54	259	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.167-3261C>A	METAP1 protein_coding	ENSSSCT0 2
8	1.31E+08	TC	T	5375.14	222	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.81+24560delC	TSPAN5 protein_coding	ENSSSCT0 1
8	1.32E+08	T	C	1077.01	179	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	U6-ENSSSCG000000019832	-1
8	1.38E+08	A	AT	3608.97	249	1/1	1/1	1/1	0/1	0/1	0/0	1/1	intergenic, MODIFIER NONE	n.null_nullinsT	ENSSSCG00000029197-ENSSSCG000000022	-1
8	1.41E+08	T	C	6968.53	375	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intron_vari MODIFIER NONE	c.6358-1846A>G	PTPN13 protein_coding	ENSSSCT0 40

9	4683739	A	G	1065.02	152	0/0	1/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000014673-TRIM6	-1	
9	55718387	A	G	1027.08	160	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000015140-ENSSSCG000000015	-1	
9	55737157	G	T	1022.89	124	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000015140-ENSSSCG000000015	-1	
9	56254834	T	A	2035.29	138	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000015162-ENSSSCG000000025	-1	
9	58075484	G	A	1752.15	167	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	-1	TMEM218-ENSSSCG00000015211	-1	
9	1.21E+08	C	T	1271.49	387	0/0	0/0	0/0	0/1	0/0	1/1	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000015458-ENSSSCG000000029	-1	
9	13168406	T	A	1163.88	108	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	PAK1-AQP11	-1	
9	29131911	T	C	1176.04	149	1/1	1/1	1/1	1/1	1/1	0/0	0/0	intron_vari MODIFIER NONE	c.-26-1780T>C	ENSSSCG protein_coding	ENSSSCTO 2	
9	30818604	A	C	1332.26	114	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	CWC15-ENSSSCG00000026272	-1	
9	31130725	A	G	1917.95	155	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	SESN3-FAM76B	-1	
9	31755919	C	T	1068.21	106	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	FAM76B-ENSSSCG00000014969	-1	
9	31755935	T	C	1313.43	125	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	FAM76B-ENSSSCG00000014969	-1	
9	42511529	A	T	1967.82	131	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	C11orf87-U1	-1	
9	62639271	TA	T	1317.69	202	1/1	1/1	1/1	1/1	0/1	0/1	0/0	intergenic, MODIFIER NONE	-1	BARX2-SNORD112	-1	
9	69870502	G	A	1351.32	161	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intron_vari MODIFIER NONE	c.454-982G>A	ENSSSCG protein_coding	ENSSSCTO 5	
9	1.29E+08	TGG	T	3976.49	254	1/1	0/1	1/1	1/1	0/1	0/0	1/1	intron_vari MODIFIER NONE	c.3702+645_3702+64	TNN protein_coding	ENSSSCTO 32	
9	1.32E+08	GG	A	1324.62	144	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.-72+17526G>A	RASAL2 protein_coding	ENSSSCTO 3	
9	1.38E+08	C	A	1258.36	107	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	C1orf21-EDEM3	-1	
10	64031898	A	G	1811.04	138	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	GJD4-CCDC3	-1	
10	68794575	TA	T	1852.33	242	0/0	0/0	0/1	0/1	0/1	1/1	0/1	intergenic, MODIFIER NONE	-1	U6-ENSSSCG00000029177	-1	
10	70261400	A	G	1621.14	168	0/0	0/1	0/1	0/1	0/1	1/1	0/1	intergenic, MODIFIER NONE	-1	U6-ENSSSCG00000018589	-1	
11	14944055	A	G	1973	162	0/0	0/1	0/1	0/1	0/1	1/1	0/1	intergenic, MODIFIER NONE	-1	COG6-FOXO1	-1	
11	82268654	AGTTGAG	A	1244.06	239	0/0	0/0	0/0	0/1	0/1	1/1	0/1	intergenic, MODIFIER NONE	n.null_nulldelGTTGAG	FAM155A-ENSSSCG00000009539	-1	
11	1887438	AAAAT	A	3256.31	223	1/1	1/1	1/1	1/1	0/1	0/1	0/0	intron_vari MODIFIER NONE	c.446-14128_446-141	TNFRSF19 protein_coding	ENSSSCTO 5	
11	2234773	T	C	1143.95	132	1/1	0/0	0/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.55+21048A>G	ENSSSCG protein_coding	ENSSSCTO 1	
11	35390104	G	A	1331.53	130	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000009449-SNORA31	-1	
12	7432755	G	A	1239.5	134	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	RPL38-SDK2	-1	
12	7432764	G	A	1367.47	138	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	RPL38-SDK2	-1	
12	8693471	C	G	1468.74	153	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	SLC39A11-SOX9	-1	
12	22828565	T	C	1095.34	137	1/1	1/1	1/1	1/1	1/1	0/0	0/0	intron_vari MODIFIER NONE	c.707-168A>G	ENSSSCG protein_coding	ENSSSCTO 5	
12	22835615	T	C	1668.93	129	1/1	1/1	1/1	1/1	1/1	0/0	1/1	upstream_ MODIFIER NONE	c.-1A>G	ENSSSCG protein_coding	ENSSSCTO -1	
12	22835615	T	C	1668.93	129	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000017490-ENSSSCG000000017	-1	
12	48947845	A	T	3669.6	5516	1/1	0/1	0/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	U6-ABR	-1	
13	403773	C	CA	3243.74	202	0/0	0/0	0/1	1/1	1/1	1/1	1/1	intron_vari MODIFIER NONE	c.180+44121_180+44	ENSSSCG protein_coding	ENSSSCTO 1	
13	1.34E+08	G	A	1307.6	143	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	-1	RFC4-MASP1	-1	
13	1.87E+08	G	GA	1764.93	238	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	n.null_nullinsA	ROBO1-ENSSSCG00000012002	-1	
13	2.15E+08	C	CGGGAGA	10414.89	225	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	n.null_nullinsGGGAG/-	ENSSSCG00000012078-ENSSSCG000000012	-1	
13	7733142	C	G	1113.12	147	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intron_vari MODIFIER NONE	c.825+4020C>G	EFHB protein_coding	ENSSSCTO 1	
13	14327965	A	G	4440.15	283	1/1	1/1	1/1	1/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	OXSM-LRRC3B	-1	
13	1.14E+08	TTA	T	2637.19	178	1/1	0/1	1/1	0/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	n.null_nulldelTA	BCHE-ZBBX	-1	
14	11250816	G	T	1477.15	177	0/0	1/1	1/1	0/1	0/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000009655-PPP2R2A	-1	
14	12224629	C	CAT	1782.1	244	0/0	0/1	0/1	0/1	0/1	1/1	0/1	intron_vari MODIFIER NONE	c.436-3030_436-3029	TRIM35 protein_coding	ENSSSCTO 1	
14	62454044	GT	G	2509.49	237	0/0	0/1	1/1	1/1	1/1	1/1	0/1	intron_vari MODIFIER NONE	c.3350+733delA	SIPAL12 protein_coding	ENSSSCTO 11	
14	10921916	A	G	1106.65	134	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	CDCA2-ENSSSCG00000022148	-1	
14	11232079	C	T	1365.75	132	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000009655-PPP2R2A	-1	
14	11232125	C	A	1520.67	111	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000009655-PPP2R2A	-1	
14	11232127	T	C	1506.6	112	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000009655-PPP2R2A	-1	
14	11232129	A	G	1732.52	118	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000009655-PPP2R2A	-1	
14	50886236	AC	A	3668.45	187	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intron_vari MODIFIER NONE	c.426+1535delG	MORC2 protein_coding	ENSSSCTO 6	
14	58561330	T	C	5117.15	292	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intron_vari MODIFIER NONE	c.1512+503A>G	MTR protein_coding	ENSSSCTO 16	
14	58859778	G	T	8164.15	388	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intron_vari MODIFIER NONE	c.45+3513C>A	LGALS8 protein_coding	ENSSSCTO 1	
14	59983496	A	G	5287.15	230	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	TBCE-GGPS1	-1	
14	61203599	CT	C	3265.99	214	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	SLC35F3-KCNK1	-1	
14	1.16E+08	C	CA	1060.08	214	1/1	1/1	1/1	1/1	1/1	0/1	0/1	intron_vari MODIFIER NONE	c.688+3065_688+306	ENSSSCG protein_coding	ENSSSCTO 9	
14	1.16E+08	G	C	1131.99	122	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.688+1970C>G	ENSSSCG protein_coding	ENSSSCTO 9	
14	1.16E+08	G	C	1420.9	145	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intron_vari MODIFIER NONE	c.688+1912C>G	ENSSSCG protein_coding	ENSSSCTO 9	
14	1.16E+08	C	T	1958.88	154	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intron_vari MODIFIER NONE	c.688+1890G>A	ENSSSCG protein_coding	ENSSSCTO 9	
14	1.19E+08	A	C	1314.17	185	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	LOXL4-ENSSSCG00000010533	-1	
14	1.31E+08	G	A	1212.32	124	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	SNORA62-XPNPEP1	-1	
14	1.42E+08	A	C	1910.13	118	1/1	1/1	1/1	1/1	0/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000010692-FGFR2	-1
14	1.42E+08	A	C	1751.03	113	1/1	0/1	0/1	0/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000010692-FGFR2	-1	
15	19740207	C	A	1451.84	147	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000029118-ENSSSCG000000015	-1	
15	24436358	T	C	1285.4	173	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	U6-ENSSSCG00000026504	-1	
15	29972309	G	A	1001.36	145	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	-1	GYPC-ENSSSCG00000023800	-1	
15	34676931	C	T	1022.27	153	0/0	0/1	0/1	1/1	1/1	1/1	0/1	upstream_ MODIFIER NONE	c.-76C>T	ENSSSCG protein_coding	ENSSSCTO -1	
15	34676931	C	T	1022.27	153	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	-1	TSN-ENSSSCG00000015730	-1	
15	38157850	T	TA	1519.66	225	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	n.null_nullinsA	ENSSSCG00000015747-ENSSSCG000000029	-1	

15	40325994	A	C	1181.59	141	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000015748-U6	-1
15	65506863	G	A	1070.23	133	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	SNORA19-HS65T1	-1
15	65506911	C	T	1551.78	156	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	SNORA19-HS65T1	-1
15	1.09E+08	A	C	1425.75	160	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	TMEFF2-STK17B	-1
15	1.36E+08	G	T	1526.59	126	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	U6-SNORA31	-1
15	1.41E+08	C	CA	1924.64	229	0/0	0/1	0/1	1/1	0/1	1/1	1/1	intergenic, MODIFIER NONE	n.null_nullinsA	U6-ENSSSCG00000030288	-1
15	1.48E+08	A	C	1090.49	279	1/1	0/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000016302-ENSSSCG000000030	-1
15	1.52E+08	T	G	2098.44	178	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000016328-ENSSSCG000000016	-1
15	1.52E+08	TA	T	1704.25	190	1/1	1/1	1/1	0/1	0/1	0/0	0/0	upstream, MODIFIER NONE	c.-1delA	ENSSSCG protein_coding	ENSSSCT0 -1
15	1.52E+08	TA	T	1704.25	190	1/1	1/1	1/1	0/1	0/1	0/0	0/0	intergenic, MODIFIER NONE	-1	KLHL30-ENSSSCG00000016337	-1
15	1.54E+08	G	A	1353.36	153	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000023644-ENSSSCG000000029	-1
15	1.54E+08	C	A	1180.32	134	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000023644-ENSSSCG000000029	-1
16	8032570	GA	G	2914.9	230	0/0	0/1	0/0	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	-1	7SK-CDH18	-1
16	20790534	A	G	1658.17	148	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intergenic, MODIFIER NONE	-1	AMACR-CLQTNF3	-1
16	3389119	C	G	2412.15	153	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	U6-ENSSSCG00000029792	-1
16	4280860	C	T	5137.61	307	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000016781-FAM105A	-1
16	23627177	G	A	1113.76	128	1/1	1/1	1/1	1/1	1/1	0/0	0/0	intergenic, MODIFIER NONE	-1	C5orf42-NUP155	-1
16	51146564	C	T	1708.51	119	1/1	1/1	1/1	0/1	0/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000024880-CCN1	-1
16	51214619	A	T	1043.51	136	1/1	.	1/1	0/1	0/1	0/0	1/1	intron_vari MODIFIER NONE	c.84-4007T>A	SLC30A5 protein_coding	ENSSSCT0 -1
16	51214627	C	T	1148.5	134	1/1	1/1	1/1	0/1	0/1	0/0	1/1	intron_vari MODIFIER NONE	c.84-4015G>A	SLC30A5 protein_coding	ENSSSCT0 1
16	51368450	T	A	1304.22	150	1/1	1/1	1/1	0/1	0/0	0/0	1/1	intron_vari MODIFIER NONE	c.-40-3851T>A	ENSSSCG protein_coding	ENSSSCT0 1
16	51534787	G	A	2600.53	161	1/1	1/1	1/1	0/1	0/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000027784-ENSSSCG000000021	-1
16	76268357	C	T	1498.96	152	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	SNORA18-U6	-1
17	36984058	C	CT	1772.88	238	0/0	0/0	0/0	0/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	n.null_nullinsT	OXT-MRPS26	-1
17	40342407	C	T	1218.62	126	0/0	0/1	0/1	1/1	1/1	1/1	1/1	upstream, MODIFIER NONE	c.-1C>T	ENSSSCG protein_coding	ENSSSCT0 -1
17	40342407	C	T	1218.62	126	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intron_vari MODIFIER NONE	c.-172+1139C>T	DUSP15 protein_coding	ENSSSCT0 3
17	40342423	A	T	1394.48	134	0/0	0/1	0/1	1/1	1/1	1/1	1/1	upstream, MODIFIER NONE	c.-1A>T	ENSSSCG protein_coding	ENSSSCT0 -1
17	40342423	A	T	1394.48	134	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intron_vari MODIFIER NONE	c.-172+1155A>T	DUSP15 protein_coding	ENSSSCT0 3
17	40342441	T	G	1631.21	147	0/0	0/1	0/1	1/1	1/1	1/1	1/1	upstream, MODIFIER NONE	c.-1T>G	ENSSSCG protein_coding	ENSSSCT0 -1
17	40342441	T	G	1631.21	147	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intron_vari MODIFIER NONE	c.-172+1173T>G	DUSP15 protein_coding	ENSSSCT0 3
17	43895202	T	A	1201.82	145	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intron_vari MODIFIER NONE	c.24+870A>T	ENSSSCG protein_coding	ENSSSCT0 1
17	21668562	C	T	2394.78	162	1/1	1/1	1/1	1/1	1/1	0/0	1/1	upstream, MODIFIER NONE	c.-90C>T	ENSSSCG protein_coding	ENSSSCT0 -1
17	21668562	C	T	2394.78	162	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ANKF1-ENSSSCG00000026985	-1
17	23826537	T	A	1078.73	133	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG0000007069-SPTLC3	-1
17	23835070	T	G	1434.17	154	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG0000007069-SPTLC3	-1
17	31389795	C	G	1023.35	142	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000028421-U6	-1
17	64082231	C	CCA	1407.88	248	1/1	0/1	0/1	0/1	0/1	0/0	0/1	upstream, MODIFIER NONE	c.-8_-8insTG	AURKA protein_coding	ENSSSCT0 -1
17	64082231	C	CCA	1407.88	248	1/1	0/1	0/1	0/1	0/1	0/0	0/1	upstream, MODIFIER NONE	c.-165_-165insCA	CSTF1 protein_coding	ENSSSCT0 -1
17	64082231	C	CCA	1407.88	248	1/1	0/1	0/1	0/1	0/1	0/0	0/1	intra-genic, MODIFIER NONE	n.null_nullinsTG	AURKA	-1
17	68238296	T	C	2282.55	159	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000026743-ENSSSCG000000007	-1
18	40749240	G	GA	1047.25	198	0/0	0/1	0/1	1/1	1/1	1/1	0/1	intron_vari MODIFIER NONE	c.-141+11760_-141+.	ELMO1 protein_coding	ENSSSCT0 14
18	46377954	A	G	1019.53	97	0/0	0/1	0/1	1/1	1/1	1/1	1/1	intergenic, MODIFIER NONE	-1	PAC1-GHRHR	-1
18	55245294	T	C	1405.56	122	0/0	0/1	1/1	0/0	0/1	1/1	1/1	intron_vari MODIFIER NONE	c.273+8194A>G	CCM2 protein_coding	ENSSSCT0 3
18	52031687	T	C	3553.03	145	1/1	1/1	1/1	0/1	1/1	0/0	1/1	upstream, MODIFIER NONE	c.-74T>C	CYCS protein_coding	ENSSSCT0 -1
18	52031687	T	C	3553.03	145	1/1	1/1	1/1	0/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ssc-mir-148a-CYCS	-1
18	53769580	TG	T	1178.98	202	1/1	1/1	1/1	0/1	1/1	0/0	0/1	intron_vari MODIFIER NONE	c.201+530delG	TNS3 protein_coding	ENSSSCT0 7
18	56318142	A	AC	1116.05	247	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	n.null_nullinsC	5S_rRNA-HECW1	-1
18	58731545	T	C	1047.26	138	1/1	1/1	1/1	1/1	1/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000016765-ENSSSCG000000016	-1
X	6727207	TGC	T	3333.81	261	0/0	0/0	0/0	0/1	0/1	1/1	1/1	intron_vari MODIFIER NONE	c.317+3568_317+356	SHROOM2; protein_coding	ENSSSCT0 2
X	7195511	T	G	2281.44	201	0/0	0/0	0/0	0/1	0/1	1/1	1/1	intron_vari MODIFIER NONE	n.634+28971T>G	WWC3 processed_transcript	ENSSSCT0 1
X	16072712	G	A	2807.39	231	0/0	0/0	0/0	0/1	0/1	1/1	1/1	intron_vari MODIFIER NONE	c.-166+29841G>A	CDKL5 protein_coding	ENSSSCT0 1
X	16832884	G	T	2050.16	215	0/0	0/0	0/0	0/1	0/1	0/0	1/1	intergenic, MODIFIER NONE	-1	GPR64-CH242-78D20.1	-1
X	41124308	T	C	1782.89	342	0/0	0/0	0/0	0/1	0/1	1/1	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000028209-BDX3X	-1
X	42697359	C	G	2041.24	207	0/0	0/0	0/0	0/1	0/1	1/1	0/1	intergenic, MODIFIER NONE	-1	CH242-132C3.1-MAOA	-1
X	43258366	G	A	2440.15	278	0/0	0/0	0/0	0/1	0/1	1/1	0/1	intergenic, MODIFIER NONE	-1	MAOA-MAOB	-1
X	1.26E+08	A	G	3689.76	221	0/0	0/1	0/0	0/1	0/1	1/1	1/1	intron_vari MODIFIER NONE	c.1163+5756T>C	GPC3 protein_coding	ENSSSCT0 4
X	1.29E+08	T	A	2958.38	334	0/0	0/0	0/0	0/1	0/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ZIC3-CH242-204G11.1	-1
X	1.29E+08	T	C	1319.7	177	0/0	0/0	0/0	0/1	0/1	1/1	1/1	intergenic, MODIFIER NONE	-1	ZIC3-CH242-204G11.1	-1
X	1.31E+08	C	T	2758.79	236	0/0	0/1	0/1	0/1	0/1	1/1	1/1	intron_vari MODIFIER NONE	c.435+4062G>A	ATP11C protein_coding	ENSSSCT0 5
X	13939179	A	G	4981.55	203	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	CH242-19L11.2-CTPS2	-1
X	39984625	G	A	2897.52	302	1/1	1/1	1/1	0/1	0/1	0/0	0/0	intergenic, MODIFIER NONE	-1	BCOR-U6	-1
X	41079471	G	A	3869.42	214	1/1	0/1	0/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	CH242-15C8.2-ENSSSCG00000028209	-1
X	41102232	G	T	3260.2	177	1/1	1/1	1/1	0/1	0/1	0/0	0/1	upstream, MODIFIER NONE	n.-1C>A	ENSSSCG miRNA	ENSSSCT0 -1
X	41102232	G	T	3260.2	177	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000028209-BDX3X	-1
X	41508271	C	A	3953.15	226	1/1	1/1	1/1	1/1	0/1	0/0	0/1	intron_vari MODIFIER NONE	c.832-2414G>T	CASK protein_coding	ENSSSCT0 8
X	41799395	G	A	1054.68	200	1/1	1/1	1/1	0/1	0/1	0/0	1/1	intergenic, MODIFIER NONE	-1	CASK-U6	-1
X	44200178	T	A	2969.2	206	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	FUNDC1-5S_rRNA	-1

X	44229447	T	C	3585.55	137	1/1	0/1	1/1	1/1	0/1	0/0	1/1	intergenic, MODIFIER NONE	-1	FUNDC1-5S_rRNA	-1
X	44407361	T	C	1746.24	207	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	CH242-517A18.1-DUSP21	-1
X	44769158	C	T	2943.35	169	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intron_vari MODIFIER NONE	-1	CXorf36 protein_coding	ENSSSCT0 1
X	45055606	G	A	3180.5	228	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	CH242-210O3.1-ssc-mir-221	-1
X	1.05E+08	G	A	2693.18	189	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	NXT2-KCNE1L	-1
X	1.13E+08	G	A	3693.34	606	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000022359-UPF3B	-1
X	1.15E+08	C	G	2156.2	144	1/1	1/1	1/1	0/1	0/1	0/0	0/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000012636-ENSSSCG000000012	-1
X	1.15E+08	C	A	2927.37	181	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000012637-GRIA3	-1
X	1.15E+08	C	G	2976.45	180	1/1	1/1	1/1	1/1	1/1	0/0	1/1	intergenic, MODIFIER NONE	-1	ENSSSCG00000012637-GRIA3	-1

c.174-2066C>T