

**S1 Table. List of genes in the eight linkage regions retrieved from the Vega database as implemented in the Ensembl browser (vega.archive.ensembl.org).**


Chrom.linkloc	Gene start (bp)	Gene end	Gene ensembl ID	Gene biotype	Gene name	Gene description
2.1	19458220	19468961	ENSG00000234597	lincRNA	AC010096.1	
2.1	19475450	19488850	ENSG00000237992	lincRNA	LINC01808	long intergenic non-protein coding RNA 1808 [HGNC:52611]
2.1	19711715	19717576	ENSG00000235911	lincRNA	AC019055.1	
2.2	24491914	24770702	ENSG00000084676	protein_coding	NCOA1	nuclear receptor coactivator 1 [HGNC:7668]
2.2	24564630	24564738	ENSG00000202430	rRNA	RNA5SP88	RNA, 5S ribosomal pseudogene 88 [HGNC:42886]
2.2	24676309	24676415	ENSG00000206732	snRNA	RNU6-936P	RNA, U6 small nuclear 936, pseudogene [HGNC:47899]
2.2	24789734	24793382	ENSG00000184924	protein_coding	PTRHD1	peptidyl-IRNA hydrolase domain containing 1 [HGNC:33782]
2.2	24793136	24822376	ENSG00000138092	protein_coding	CENPO	centromere protein O [HGNC:28152]
2.2	24819169	24919839	ENSG00000138031	protein_coding	ADCY3	adenylate cyclase 3 [HGNC:234]
2.2	24825610	24826717	ENSG00000271936	antisense	RP11-443B20.1	
2.2	24943636	24972094	ENSG00000115137	protein_coding	DNAJC27	DnaJ heat shock protein family (Hsp40) member C27 [HGNC:30290]
2.2	24968958	24969224	ENSG00000237953	processed_pseudogene	AC013267.1	
2.2	24969388	24969477	ENSG00000202479	snoRNA	SNORD14	Small nucleolar RNA SNORD14 [Source:RFAM;Acc:RF00016]
2.2	24971390	25039694	ENSG00000224165	antisense	DNAJC27-AS1	DNAJC27 antisense RNA 1 [HGNC:42943]
2.2	25008845	25008946	ENSG00000207069	misc_RNA	Y_RNA	Y RNA [Source:RFAM;Acc:RF00019]
2.2	25042130	25159137	ENSG00000084710	protein_coding	EFR3B	EFR3 homolog B [HGNC:29155]
2.2	25058032	25058329	ENSG00000276653	misc_RNA	RN7SL856P	RNA, 7SL, cytoplasmic 856, pseudogene [HGNC:46872]
2.2	25079901	25081689	ENSG00000229593	processed_pseudogene	SUCLA2P3	succinate-CoA ligase ADP-forming beta subunit pseudogene 3 [HGNC:38103]
2.2	25160853	25168903	ENSG00000115138	protein_coding	POMC	proopiomelanocortin [HGNC:9201]
2.2	25204313	25209202	ENSG00000230452	antisense	LINC01381	long intergenic non-protein coding RNA 1381 [HGNC:50653]
2.2	25227855	25342590	ENSG00000119772	protein_coding	DNMT3A	DNA methyltransferase 3 alpha [HGNC:2978]
2.2	25328640	25328721	ENSG00000221445	miRNA	MIR1301	microRNA 1301 [HGNC:35253]
5	103408941	103412511	ENSG00000250567	lincRNA	CTD-2154H6.1	
5	103430406	103526618	ENSG00000226926	transcribed_unitary_pseudogene	PDZPH1P	PDZ and pleckstrin homology domains 1, pseudogene [HGNC:51488]
5	103528434	103541985	ENSG00000248757	lincRNA	LINC02115	long intergenic non-protein coding RNA 2115 [HGNC:52970]
5	103548855	103562793	ENSG00000112874	protein_coding	NUDT12	nudix hydrolase 12 [HGNC:18826]
7.1	78017057	79453574	ENSG00000187391	protein_coding	MAGI2	membrane associated guanylate kinase, WW/PDZ domain containing 2 [HGNC:18957]
7.1	78134079	78134851	ENSG00000281008	TEC	RP4-587D13.1	
7.1	78170195	78170915	ENSG00000280958	TEC	RP4-587D13.2	
7.1	78347142	78359458	ENSG00000231322	transcribed_processed_pseudogene	RPL13AP17	ribosomal protein L13a pseudogene 17 [HGNC:36167]
7.2	80096600	80097215	ENSG00000230853	processed_pseudogene	RPL10P11	ribosomal protein L10 pseudogene 11 [HGNC:36565]
7.2	80133955	80219402	ENSG00000127955	protein_coding	GNAI1	G protein subunit alpha i1 [HGNC:4384]
7.2	80245926	80246225	ENSG00000244392	misc_RNA	RN7SL869P	RNA, 7SL, cytoplasmic 869, pseudogene [HGNC:46885]
7.2	80246409	80312456	ENSG00000234223	lincRNA	AC003988.1	
8.1	7143632	7143841	ENSG00000254683	processed_pseudogene	SNRPCP6	small nuclear ribonucleoprotein polypeptide C pseudogene 6 [HGNC:49821]
8.1	7170550	7170741	ENSG00000230106	processed_pseudogene	SNRPCP15	small nuclear ribonucleoprotein polypeptide C pseudogene 15 [HGNC:49830]
8.1	7190901	7191563	ENSG00000214268	processed_pseudogene	RPS3AP33	ribosomal protein S3a pseudogene 33 [HGNC:35476]
8.1	7200756	7200857	ENSG00000231930	processed_pseudogene	AF228730.5	
8.1	7238286	7238631	ENSG00000255025	processed_pseudogene	AF228730.13	
8.1	7246726	7247571	ENSG00000177306	unprocessed_pseudogene	OR7E125P	olfactory receptor family 7 subfamily E member 125 pseudogene [HGNC:15098]
8.1	7256904	7259914	ENSG00000230045	unprocessed_pseudogene	FAM90A15P	family with sequence similarity 90 member A15, pseudogene [HGNC:32263]
8.1	7264526	7267536	ENSG00000233132	unprocessed_pseudogene	FAM90A3P	family with sequence similarity 90 member A3, pseudogene [HGNC:32251]
8.1	7272148	7275158	ENSG00000249005	unprocessed_pseudogene	FAM90A4P	family with sequence similarity 90 member A4, pseudogene [HGNC:32252]
8.1	7279770	7282780	ENSG00000223885	unprocessed_pseudogene	FAM90A13P	family with sequence similarity 90 member A13, pseudogene [HGNC:32261]
8.1	7287392	7290402	ENSG00000215373	unprocessed_pseudogene	FAM90A5P	family with sequence similarity 90 member A5, pseudogene [HGNC:32253]
8.1	7295014	7298024	ENSG00000233295	unprocessed_pseudogene	FAM90A20P	family with sequence similarity 90 member A20, pseudogene [HGNC:32268]
8.1	7301611	7355354	ENSG00000215374	lincRNA	FAM66B	family with sequence similarity 66 member B [HGNC:28890]
8.1	7312846	7319951	ENSG00000206034	unprocessed_pseudogene	DEFB109P1B	defensin beta 109 pseudogene 1B [HGNC:33469]
8.1	7332387	7333979	ENSG00000230549	protein_coding	USP17L1	ubiquitin specific peptidase 17-like family member 1 [HGNC:37182]


Chrom.	linkloc	Gene start (bp)	Gene end	Gene ensembl ID	Gene biotype	Gene name	Gene description
8.1		7337115	7338707	ENSG00000236125	protein_coding	USP17L4	ubiquitin specific peptidase 17-like family member 4 [HGNC:37176]
8.1		7341826	7342942	ENSG00000235778	unprocessed_pseudogene	AC130360.8	
8.1		7355517	7385558	ENSG00000215372	protein_coding	ZNF705G	zinc finger protein 705G [HGNC:37134]
8.1		7373114	7377500	ENSG00000215371	unprocessed_pseudogene	DEFB108P2	defensin beta 108 pseudogene 2 [HGNC:30847]
8.1		7414860	7416863	ENSG00000177257	protein_coding	DEFB4B	defensin beta 4B [HGNC:30193]
8.1		7418991	7420546	ENSG00000255128	processed_pseudogene	HSPD1P3	heat shock protein family D (Hsp60) member 1 pseudogene 3 [HGNC:5264]
8.1		7428888	7430348	ENSG00000177243	protein_coding	DEFB103B	defensin beta 103B [HGNC:31702]
8.1		7442684	7463674	ENSG00000164871	protein_coding	SPAG11B	sperm associated antigen 11B [HGNC:14534]
8.1		7470308	7475082	ENSG00000177023	protein_coding	DEFB104B	defensin beta 104B [HGNC:26165]
8.1		7482504	7486400	ENSG00000187082	protein_coding	DEFB106B	defensin beta 106B [HGNC:28879]
8.1		7487669	7489593	ENSG00000186599	protein_coding	DEFB105B	defensin beta 105B [HGNC:29930]
8.1		7495846	7509311	ENSG00000198129	protein_coding	DEFB107B	defensin beta 107B [HGNC:31918]
8.1		7539628	7542450	ENSG00000255251	protein_coding	PRR23D1	proline rich 23 domain containing 1 [HGNC:49420]
8.1		7549053	7552062	ENSG00000248944	unprocessed_pseudogene	FAM90A6P	family with sequence similarity 90 member A6, pseudogene [HGNC:32254]
8.1		7556700	7559712	ENSG00000236660	unprocessed_pseudogene	FAM90A7P	family with sequence similarity 90 member A7, pseudogene [HGNC:32255]
8.1		7564350	7567360	ENSG00000234749	unprocessed_pseudogene	FAM90A21P	family with sequence similarity 90 member A21, pseudogene [HGNC:32269]
8.1		7571995	7575006	ENSG00000215365	unprocessed_pseudogene	FAM90A22P	family with sequence similarity 90 member A22, pseudogene [HGNC:32270]
8.1		7579644	7582653	ENSG00000241737	unprocessed_pseudogene	FAM90A23P	family with sequence similarity 90 member A23, pseudogene [HGNC:32271]
8.1		7592006	7592916	ENSG00000233176	unprocessed_pseudogene	OR7E157P	olfactory receptor family 7 subfamily E member 157 pseudogene [HGNC:31231]
8.1		7601004	7601267	ENSG00000254796	processed_pseudogene	RP11-1118M6.2	
8.1		7696830	7697093	ENSG00000254889	processed_pseudogene	AC084121.14	
8.1		7705182	7706113	ENSG00000254715	unprocessed_pseudogene	OR7E154P	olfactory receptor family 7 subfamily E member 154 pseudogene [HGNC:31309]
8.1		7715443	7718453	ENSG00000189393	unprocessed_pseudogene	FAM90A14P	family with sequence similarity 90 member A14, pseudogene [HGNC:32262]
8.1		7723091	7726101	ENSG00000231656	unprocessed_pseudogene	FAM90A18P	family with sequence similarity 90 member A18, pseudogene [HGNC:32266]
8.1		7730739	7733749	ENSG00000229477	unprocessed_pseudogene	FAM90A16P	family with sequence similarity 90 member A16, pseudogene [HGNC:32264]
8.1		7738387	7741396	ENSG00000224710	unprocessed_pseudogene	FAM90A8P	family with sequence similarity 90 member A8, pseudogene [HGNC:32256]
8.1		7746034	7749606	ENSG00000223535	unprocessed_pseudogene	FAM90A17P	family with sequence similarity 90 member A17, pseudogene [HGNC:32265]
8.1		7753682	7756692	ENSG00000237122	unprocessed_pseudogene	FAM90A19P	family with sequence similarity 90 member A19, pseudogene [HGNC:32267]
8.1		7761330	7764340	ENSG00000235825	unprocessed_pseudogene	FAM90A9P	family with sequence similarity 90 member A9, pseudogene [HGNC:32257]
8.1		7768977	7771988	ENSG00000254597	unprocessed_pseudogene	FAM90A10P	family with sequence similarity 90 member A10, pseudogene [HGNC:32258]
8.1		7778591	7781413	ENSG00000255378	protein_coding	PRR23D2	proline rich 23 domain containing 2 [HGNC:49396]
8.1		7793716	7795870	ENSG00000254776	unprocessed_pseudogene	AC084121.17	
8.1		7811720	7815716	ENSG00000186572	protein_coding	DEFB107A	defensin beta 107A [HGNC:18086]
8.1		7821966	7823889	ENSG00000186562	protein_coding	DEFB105A	defensin beta 105A [HGNC:18087]
8.1		7825172	7829053	ENSG00000186579	protein_coding	DEFB106A	defensin beta 106A [HGNC:18088]
8.1		7836471	7841242	ENSG00000176782	protein_coding	DEFB104A	defensin beta 104A [HGNC:18115]
8.1		7847876	7868867	ENSG00000178287	protein_coding	SPAG11A	sperm associated antigen 11A [HGNC:33342]
8.1		7881204	7882664	ENSG00000176797	protein_coding	DEFB103A	defensin beta 103A [HGNC:15967]
8.1		7891003	7892555	ENSG00000254543	processed_pseudogene	HSPD1P2	heat shock protein family D (Hsp60) member 1 pseudogene 2 [HGNC:5263]
8.1		7894629	7896711	ENSG00000171711	protein_coding	DEFB4A	defensin beta 4A [HGNC:2767]
8.1		7926337	7952413	ENSG00000215356	protein_coding	ZNF705B	zinc finger protein 705B [HGNC:32284]
8.1		7934412	7938770	ENSG00000229907	unprocessed_pseudogene	DEFB108P1	defensin beta 108 pseudogene 1 [HGNC:18089]
8.1		7955014	8008755	ENSG00000225725	lincRNA	FAM66E	family with sequence similarity 66 member E [HGNC:18735]
8.1		7967344	7968544	ENSG00000255211	unprocessed_pseudogene	RP11-1195F20.7	
8.1		7971661	7973253	ENSG00000237038	protein_coding	USP17L8	ubiquitin specific peptidase 17-like family member 8 [HGNC:37181]
8.1		7976393	7977985	ENSG00000225327	protein_coding	USP17L3	ubiquitin specific peptidase 17-like family member 3 [HGNC:37175]
8.1		7990415	7997521	ENSG00000205989	unprocessed_pseudogene	DEFB109	
8.1		8011782	8017011	ENSG00000233115	unprocessed_pseudogene	FAM90A11P	family with sequence similarity 90 member A11, pseudogene [HGNC:32259]
8.1		8019429	8024652	ENSG00000215354	ranscribed_unprocessed_pseudogen	FAM90A24P	family with sequence similarity 90 member A24, pseudogene [HGNC:32272]
8.1		8027077	8032305	ENSG00000254229	unprocessed_pseudogene	FAM90A12P	family with sequence similarity 90 member A12, pseudogene [HGNC:32260]
8.1		8039978	8040953	ENSG00000227013	unprocessed_pseudogene	OR7E96P	olfactory receptor family 7 subfamily E member 96 pseudogene [HGNC:14815]
8.1		8048919	8049267	ENSG00000253881	processed_pseudogene	RP11-52B19.8	


Chrom.	linkloc	Gene start (bp)	Gene end	Gene ensembl ID	Gene biotype	Gene name	Gene description
8.1		8086022	8086765	ENSG00000255459	processed_pseudogene	RP11-52B19.10	
8.1		8088941	8089089	ENSG00000221305	miRNA	MIR548I3	microRNA 548i-3 [HGNC:35354]
8.1		8095946	8096726	ENSG00000244427	processed_pseudogene	RP11-52B19.1	
8.1		8116745	8116949	ENSG00000254311	processed_pseudogene	SNRPCP17	small nuclear ribonucleoprotein polypeptide C pseudogene 17 [HGNC:49832]
8.1		8154308	8216916	ENSG00000249188	unprocessed_pseudogene	ENPP7P1	ectonucleotide pyrophosphatase/phosphodiesterase 7 pseudogene 1 [HGNC:48699]
8.1		8167819	8226614	ENSG00000253893	antisense	FAM85B	family with sequence similarity 85 member B [HGNC:32160]
8.1		8188535	8189195	ENSG00000268955	lincRNA	RP11-556O5.6	
8.1		8228595	8244865	ENSG00000173295	transcribed_unprocessed_pseudogen	FAM86B3P	family with sequence similarity 86 member B3, pseudogene [HGNC:44371]
8.1		8236003	8244667	ENSG00000253981	transcribed_unprocessed_pseudogen	ALG1L13P	asparagine-linked glycosylation 1-like 13, pseudogene [HGNC:44382]
8.1		8317736	8386498	ENSG00000275342	protein_coding	PRAG1	PEAK1 related kinase activating pseudokinase 1 [HGNC:25438]
8.1		8414690	8424632	ENSG00000253505	lincRNA	CTA-398F10.1	
8.1		8456909	8461337	ENSG00000254153	lincRNA	CTA-398F10.2	
8.2		11982321	11984590	ENSG00000205883	protein_coding	DEFB135	defensin beta 135 [HGNC:32400]
8.2		11993174	11996312	ENSG00000205882	protein_coding	DEFB134	defensin beta 134 [HGNC:32399]
8.2		11999087	11999468	ENSG00000225174	processed_pseudogene	RP11-481A20.4	
8.2		12003400	12004082	ENSG00000254507	transcribed_processed_pseudogene	RP11-481A20.10	
8.2		12025244	12025598	ENSG00000255016	processed_pseudogene	RP11-481A20.8	
8.2		12033646	12034612	ENSG00000254817	unprocessed_pseudogene	OR7E160P	olfactory receptor family 7 subfamily E member 160 pseudogene [HGNC:31233]
8.2		12043506	12043670	ENSG00000254700	processed_pseudogene	RP11-1236K1.11	
8.2		12064389	12071747	ENSG00000233050	protein_coding	RP11-1236K1.1	
8.2		12087396	12087445	ENSG00000252029	rRNA	RNA5SP253	RNA, 5S ribosomal pseudogene 253 [HGNC:43153]
8.2		12095176	12099536	ENSG00000255544	unprocessed_pseudogene	DEFB108P3	defensin beta 108 pseudogene 3 [HGNC:26227]
8.2		12104389	12115516	ENSG00000215343	protein_coding	ZNF705D	zinc finger protein 705D [HGNC:33202]
8.2		12115782	12177550	ENSG00000255052	antisense	FAM66D	family with sequence similarity 66 member D [HGNC:24159]
8.2		12128107	12129298	ENSG00000254923	processed_pseudogene	RP11-1236K1.8	
8.2		12132417	12134438	ENSG00000226430	protein_coding	USP17L7	ubiquitin specific peptidase 17-like family member 7 [HGNC:37180]
8.2		12137168	12139077	ENSG00000223443	protein_coding	USP17L2	ubiquitin specific peptidase 17-like family member 2 [HGNC:34434]
8.2		12150895	12151134	ENSG00000254866	processed_pseudogene	DEFB109P3	defensin beta 109 pseudogene 3 [HGNC:30838]
8.2		12172761	12175771	ENSG00000205879	unprocessed_pseudogene	FAM90A2P	family with sequence similarity 90 member A2, pseudogene [HGNC:32250]
8.2		12178697	12182719	ENSG00000249889	unprocessed_pseudogene	ALG1L11P	asparagine-linked glycosylation 1-like 11, pseudogene [HGNC:44380]
8.2		12182096	12194133	ENSG00000186523	protein_coding	FAM86B1	family with sequence similarity 86 member B1 [HGNC:28268]
8.2		12194467	12196280	ENSG00000255495	antisense	AC145124.2	
8.2		12205759	12206389	ENSG00000254527	processed_pseudogene	ENPP7P12	ectonucleotide pyrophosphatase/phosphodiesterase 7 pseudogene 12 [HGNC:48697]
8.2		12290071	12296180	ENSG00000237215	unprocessed_pseudogene	ABC12-47043100G14.2	
8.2		12310962	12318316	ENSG00000232948	protein_coding	DEFB130	defensin beta 130 [HGNC:18107]
8.2		12333644	12333693	ENSG00000252535	rRNA	RNA5SP254	RNA, 5S ribosomal pseudogene 254 [HGNC:43154]
8.2		12341426	12345776	ENSG00000254623	unprocessed_pseudogene	DEFB108P4	defensin beta 108 pseudogene 4 [HGNC:30174]
8.2		12356136	12359391	ENSG00000215339	unprocessed_pseudogene	ZNF705CP	zinc finger protein 705C, pseudogene [HGNC:32283]
8.2		12362019	12388296	ENSG00000227888	lincRNA	FAM66A	family with sequence similarity 66 member A [HGNC:30444]
8.2		12374366	12375546	ENSG00000254423	processed_pseudogene	RP11-351I21.7	
8.2		12378679	12380265	ENSG00000255556	processed_pseudogene	RP11-351I21.6	
8.2		12393209	12400366	ENSG00000242296	unprocessed_pseudogene	DEFB109P1	defensin beta 109 pseudogene 1 [HGNC:18090]
8.2		12412827	12414373	ENSG00000270074	lincRNA	RP11-351I21.11	
8.2		12415080	12418090	ENSG00000251402	unprocessed_pseudogene	FAM90A25P	family with sequence similarity 90 member A25, pseudogene [HGNC:32246]
8.2		12421032	12425000	ENSG00000250794	unprocessed_pseudogene	ALG1L12P	asparagine-linked glycosylation 1-like 12, pseudogene [HGNC:44381]
8.2		12425614	12436343	ENSG00000145002	protein_coding	FAM86B2	family with sequence similarity 86 member B2 [HGNC:32222]
8.2		12448013	12511278	ENSG00000255549	unprocessed_pseudogene	ENPP7P6	ectonucleotide pyrophosphatase/phosphodiesterase 7 pseudogene 6 [HGNC:48698]
8.2		12476462	12477122	ENSG00000270154	lincRNA	RP11-419I17.2	
8.2		12537079	12665588	ENSG00000283674	lincRNA	RP11-419I17.1	
8.2		12570350	12571130	ENSG00000242607	processed_pseudogene	RPS3AP34	ribosomal protein S3a pseudogene 34 [HGNC:36293]
8.2		12580287	12581063	ENSG00000255122	processed_pseudogene	RP11-303G3.6	
8.2		12628476	12629256	ENSG00000244289	processed_pseudogene	RPS3AP35	ribosomal protein S3a pseudogene 35 [HGNC:35902]

Chrom.linkloc	Gene start (bp)	Gene end	Gene ensembl ID	Gene biotype	Gene name	Gene description
8.2	12638428	12638602	ENSG00000255253	processed_pseudogene	RP11-303G3.9	
8.2	12676035	12676389	ENSG00000254581	processed_pseudogene	RP11-303G3.10	
8.2	12684154	12685153	ENSG00000177400	unprocessed_pseudogene	OR7E8P	olfactory receptor family 7 subfamily E member 8 pseudogene [HGNC:8458]
8.2	12696307	12697273	ENSG00000254917	unprocessed_pseudogene	OR7E15P	olfactory receptor family 7 subfamily E member 15 pseudogene [HGNC:8386]
8.2	12703066	12704056	ENSG00000254724	unprocessed_pseudogene	OR7E10P	olfactory receptor family 7 subfamily E member 10 pseudogene [HGNC:8381]
8.2	12719132	12719190	ENSG00000264512	miRNA	MIR5692A2	microRNA 5692a-2 [HGNC:43466]
8.2	12721894	12756073	ENSG00000154359	protein_coding	LONRF1	LON peptidase N-terminal domain and ring finger 1 [HGNC:26302]
8.2	12727232	12727304	ENSG00000266206	miRNA	MIR3926-1	microRNA 3926-1 [HGNC:38959]
8.2	12727237	12727299	ENSG00000283523	miRNA	MIR3926-2	microRNA 3926-2 [HGNC:38883]
8.2	12765849	12811478	ENSG00000254813	lincRNA	RP11-252C15.1	
8.2	12794243	12818291	ENSG00000255494	lincRNA	LINC00681	long intergenic non-protein coding RNA 681 [HGNC:44423]
8.2	12945642	13031503	ENSG00000250305	protein_coding	KIAA1456	KIAA1456 [HGNC:26725]
8.2	12958387	12962200	ENSG00000251468	unprocessed_pseudogene	RP11-369K16.1	
8.3	87867601	87868607	ENSG00000273978	unprocessed_pseudogene	CTB-118P15.3	
8.3	87870743	87874068	ENSG00000176566	protein_coding	DCAF4L2	DDB1 and CUL4 associated factor 4 like 2 [HGNC:26657]
8.3	87974165	88019113	ENSG00000253171	antisense	CTB-118P15.2	
8.3	88032009	88328025	ENSG00000156103	protein_coding	MMP16	matrix metalloproteinase 16 [HGNC:7162]
8.3	88326836	88737134	ENSG00000253553	antisense	RP11-586K2.1	
8.3	88396437	88396547	ENSG00000251904	rRNA	RNA5SP272	RNA, 5S ribosomal pseudogene 272 [HGNC:43172]
8.3	88485110	88486094	ENSG00000250962	processed_pseudogene	RP11-691I3.1	
8.3	88808318	88808908	ENSG00000271156	lincRNA	RP11-642C5.1	

All gene biotypes are listed here. The exact intervals used to query Vega database were:


Chr2-1: 19417541-19746653 

Chr2-2: 24680948-25585907 

Chr5: 102620674-103702794 

Chr7-1: 77653409-77985583 

Chr7-2: 79635822-79894010 

Chr8-1: 6986241 - 8316581 

Chr8-2: 11840071-12880628 

Chr8-3: 88564546-89894046 