

Supplementary Table 15: Pnliprp1 KD in AR42J - all results for p<0.05

Ensembl Gene ID	Log2 FoldChange	Standard error	P value	FDR	Chr
ENSRNOG00000002835	-0.348515638	0.060685644	9.30E-09	0.000134878	10
ENSRNOG00000019848	-0.314076624	0.063814598	8.58E-07	0.002720272	3
ENSRNOG000000025768	-0.36151204	0.072455335	6.06E-07	0.002720272	9
ENSRNOG000000050864	12.9941143	2.6495964	9.38E-07	0.002720272	3
ENSRNOG000000053201	-0.3235535	0.065270011	7.15E-07	0.002720272	3
ENSRNOG00000006364	-0.291532585	0.065847755	9.54E-06	0.019221324	6
ENSRNOG000000008782	-0.381790807	0.086248332	9.57E-06	0.019221324	5
ENSRNOG000000017908	-0.260837701	0.059221696	1.06E-05	0.019221324	1
ENSRNOG000000004268	-0.342961548	0.082991027	3.59E-05	0.048131978	6
ENSRNOG000000013516	-0.249338797	0.06020868	3.45E-05	0.048131978	9
ENSRNOG000000019481	0.280630956	0.067974612	3.65E-05	0.048131978	8
ENSRNOG000000012089	-0.382950423	0.093803261	4.46E-05	0.053831859	3
ENSRNOG000000004521	-0.343085856	0.084890667	5.31E-05	0.05922966	6
ENSRNOG000000057231	-0.289604619	0.071987297	5.75E-05	0.059506457	Y
ENSRNOG000000049814	-0.379999178	0.094958669	6.29E-05	0.060776007	3
ENSRNOG000000000796	-0.265876802	0.067465731	8.12E-05	0.073551008	20
ENSRNOG000000012067	-0.229988318	0.060316159	0.000137264	0.104739872	1
ENSRNOG000000014501	-0.249220936	0.065293799	0.00013513	0.104739872	4
ENSRNOG000000019376	-0.308283234	0.080325473	0.000124078	0.104739872	1
ENSRNOG000000019082	0.268899584	0.071040678	0.000153616	0.108827559	1
ENSRNOG000000060100	-0.291300691	0.077089699	0.000157634	0.108827559	3
ENSRNOG000000004130	-0.301718307	0.080571137	0.000180578	0.119000632	14
ENSRNOG000000017194	-0.334325861	0.090321572	0.000214323	0.129469188	5
ENSRNOG000000040153	-8.490144331	2.290798463	0.000210397	0.129469188	6
ENSRNOG000000026542	-0.25380439	0.068866374	0.000228288	0.132388978	13
ENSRNOG000000006236	-0.351551443	0.097044938	0.000291698	0.153514383	3
ENSRNOG000000010248	-0.238781365	0.06592493	0.000292312	0.153514383	2
ENSRNOG000000012455	-0.276988717	0.076563892	0.00029718	0.153514383	5
ENSRNOG000000056458	-0.339511906	0.094066889	0.000307071	0.153514383	7
ENSRNOG000000003714	-0.342788674	0.095841168	0.000348048	0.154988208	10
ENSRNOG000000010407	-0.43577663	0.121176633	0.000322887	0.154988208	4
ENSRNOG000000022325	-0.249207221	0.069591284	0.000342266	0.154988208	5
ENSRNOG000000059938	0.902044864	0.252454439	0.00035278	0.154988208	1
ENSRNOG000000003399	-0.222321291	0.062364605	0.000364046	0.155233452	10
ENSRNOG000000001829	-0.38282328	0.108613648	0.000424069	0.161793635	11
ENSRNOG000000008837	0.274450706	0.077845554	0.000422557	0.161793635	3
ENSRNOG000000010580	0.227990431	0.064539263	0.000411518	0.161793635	5
ENSRNOG000000033262	0.237948968	0.067259721	0.000403532	0.161793635	7
ENSRNOG000000002598	0.453777457	0.12922504	0.000445537	0.162706292	10
ENSRNOG000000060098	0.224335306	0.063921832	0.000448907	0.162706292	4
ENSRNOG000000001766	-0.20304905	0.05797396	0.000461055	0.163033689	11
ENSRNOG000000009596	11.56844331	3.342627586	0.000538407	0.165365319	15
ENSRNOG000000013376	0.244290871	0.070522433	0.000532174	0.165365319	19
ENSRNOG000000015221	0.229425419	0.065786864	0.000487733	0.165365319	1
ENSRNOG000000045819	1.183702833	0.340044284	0.000499498	0.165365319	4
ENSRNOG000000046021	0.275680056	0.079373103	0.000514258	0.165365319	X
ENSRNOG000000055743	5.734336122	1.658173897	0.00054375	0.165365319	10
ENSRNOG000000057817	0.251254903	0.07269317	0.000547492	0.165365319	3

ENSRNOG00000007665	-0.241124437	0.070085368	0.000580771	0.168161091	3
ENSRNOG00000010827	-0.406688657	0.118379617	0.000591545	0.168161091	2
ENSRNOG00000056753	-0.229862324	0.066718252	0.000570491	0.168161091	1
ENSRNOG00000018522	-0.250726056	0.073321872	0.000627303	0.174896948	1
ENSRNOG00000018567	-0.261808649	0.0768892	0.000661611	0.180981937	3
ENSRNOG00000009329	0.231538112	0.068613585	0.000739438	0.181701152	10
ENSRNOG00000010274	-0.231666791	0.068402299	0.000707058	0.181701152	2
ENSRNOG00000011804	-0.248804211	0.073640722	0.000728499	0.181701152	5
ENSRNOG00000030572	-0.238955063	0.070432832	0.00069216	0.181701152	1
ENSRNOG00000050669	-0.340272699	0.1008343	0.000739303	0.181701152	9
ENSRNOG00000053961	0.366917233	0.108023403	0.000682172	0.181701152	10
ENSRNOG00000010155	-0.208573752	0.062310123	0.000815883	0.1950921	16
ENSRNOG00000046832	-1.860435482	0.556072915	0.000820846	0.1950921 X	
ENSRNOG00000054204	-0.325685684	0.097921854	0.000881097	0.206034556	2
ENSRNOG00000011586	-0.267011248	0.080875285	0.00096163	0.220325779	2
ENSRNOG00000021264	-0.305777241	0.092829179	0.000987804	0.220325779	3
ENSRNOG00000054459	-2.379749128	0.721892374	0.000978827	0.220325779	1
ENSRNOG00000010999	-0.306664289	0.093286458	0.001011387	0.222168018	8
ENSRNOG00000051408	-0.19981666	0.060932196	0.001040546	0.225161715 X	
ENSRNOG00000002420	-0.252954073	0.077780767	0.001145389	0.235925386	10
ENSRNOG00000020266	0.193799379	0.059602128	0.00114777	0.235925386	7
ENSRNOG00000030807	0.38166687	0.117447799	0.00115538	0.235925386	1
ENSRNOG00000056207	-0.288165099	0.08849929	0.001129424	0.235925386	4
ENSRNOG00000030628	-0.244967928	0.075522304	0.001180086	0.237623461	10
ENSRNOG00000003160	10.80885078	3.343069166	0.001224068	0.240819167 X	
ENSRNOG00000014380	-0.324785244	0.100489813	0.001229178	0.240819167	1
ENSRNOG00000017777	0.19103404	0.05928603	0.001271909	0.242633343	3
ENSRNOG00000024056	-0.394773379	0.122504722	0.001270702	0.242633343	1
ENSRNOG00000002711	-0.334980071	0.104429265	0.001337907	0.24491075	13
ENSRNOG00000013023	0.210187168	0.065584478	0.001351418	0.24491075	1
ENSRNOG00000018233	0.191691331	0.059797204	0.001347388	0.24491075	16
ENSRNOG00000021691	0.207639945	0.064679664	0.001326049	0.24491075	12
ENSRNOG00000003359	-0.271876857	0.085235313	0.001424103	0.245202713 X	
ENSRNOG00000004711	0.211888405	0.066324269	0.001399597	0.245202713	6
ENSRNOG00000020075	0.188645193	0.05914283	0.00142443	0.245202713	1
ENSRNOG00000020590	0.177406536	0.055724952	0.001454506	0.245202713	2
ENSRNOG00000029941	0.192870735	0.060500767	0.001433073	0.245202713	7
ENSRNOG00000032778	-0.218711881	0.068660021	0.001445377	0.245202713	3
ENSRNOG00000026226	-0.207533433	0.065269102	0.001474489	0.245714213	5
ENSRNOG00000002618	-0.181960736	0.05737405	0.001516635	0.246440494	13
ENSRNOG00000003844	-0.203451922	0.064189651	0.001526783	0.246440494	14
ENSRNOG00000015921	-0.40790779	0.128719667	0.001529842	0.246440494	15
ENSRNOG00000009990	-0.242811257	0.076880445	0.001586939	0.252604409	2
ENSRNOG00000060047	4.350895568	1.378886469	0.001602953	0.252604409	1
ENSRNOG00000006542	0.198468426	0.063352192	0.001731597	0.268197996	10
ENSRNOG00000019351	-6.423400966	2.053231717	0.001757402	0.268197996	1
ENSRNOG00000025923	0.24926282	0.079629712	0.001746433	0.268197996	14
ENSRNOG00000003905	0.195439104	0.062540591	0.001778074	0.268526242	10
ENSRNOG00000016622	-0.556518516	0.178601708	0.001833376	0.274023572 X	
ENSRNOG00000001833	-0.266823711	0.085895552	0.00189397	0.28019158	11

ENSRNOG00000000520	-0.208342358	0.067152917	0.001918894	0.281011315	20
ENSRNOG00000000185	0.215561013	0.069597776	0.001953317	0.281564913	7
ENSRNOG000000027035	-0.246691707	0.079680831	0.001961516	0.281564913	9
ENSRNOG000000005513	-0.246634204	0.079791891	0.001995049	0.283570851	6
ENSRNOG000000001592	-0.220019014	0.071398495	0.002059164	0.284321501	11
ENSRNOG000000002625	-0.202354396	0.065621852	0.002044825	0.284321501	13
ENSRNOG000000011480	-0.268416025	0.087034276	0.002042193	0.284321501	1
ENSRNOG000000005158	-0.333784149	0.108849261	0.002165949	0.288827938	3
ENSRNOG000000006221	-0.223815994	0.072956226	0.002156321	0.288827938	4
ENSRNOG000000017071	0.242242901	0.0788349	0.002120694	0.288827938	16
ENSRNOG000000026236	-0.249366404	0.081340326	0.002171489	0.288827938	11
ENSRNOG000000000693	0.257535498	0.084287801	0.002247378	0.292159044	12
ENSRNOG000000003520	0.224787748	0.07406988	0.002406901	0.292159044	19
ENSRNOG000000005258	-0.200589769	0.066295218	0.002480542	0.292159044	3
ENSRNOG000000008000	0.181204814	0.059633894	0.002376635	0.292159044	3
ENSRNOG000000010027	-0.27120955	0.089630224	0.002479175	0.292159044	8
ENSRNOG000000010608	-0.335042137	0.110353515	0.002396755	0.292159044	8
ENSRNOG000000016705	-0.238002641	0.078204129	0.00233959	0.292159044	17
ENSRNOG000000016971	-0.315265248	0.103651453	0.00235332	0.292159044	19
ENSRNOG000000017404	-0.205751484	0.067353702	0.002252174	0.292159044	3
ENSRNOG000000017751	-0.226234237	0.074152138	0.002281209	0.292159044	1
ENSRNOG000000018929	-0.259811002	0.085229297	0.002300813	0.292159044	1
ENSRNOG000000020391	-0.40684895	0.134525355	0.002491852	0.292159044	19
ENSRNOG000000022082	1.268957467	0.419700169	0.002498808	0.292159044	4
ENSRNOG000000043151	-0.231976948	0.076497703	0.002425616	0.292159044	5
ENSRNOG000000045752	-0.234664605	0.077071781	0.002328708	0.292159044	1
ENSRNOG000000014199	0.201069382	0.066648515	0.002554059	0.296230031	16
ENSRNOG000000009935	-0.187908562	0.062419712	0.002609002	0.297255511	14
ENSRNOG000000017309	-0.185012221	0.061449199	0.002605468	0.297255511	5
ENSRNOG000000027234	-0.259319943	0.086192452	0.002624411	0.297255511	17
ENSRNOG000000016064	0.178618609	0.059526971	0.002694188	0.302793348	16
ENSRNOG000000005907	-0.334963039	0.112453109	0.002894828	0.317948568	4
ENSRNOG000000010861	-0.23619738	0.079241946	0.002875796	0.317948568	1
ENSRNOG000000013727	-0.216503799	0.072593416	0.002859827	0.317948568	9
ENSRNOG000000003011	0.289165394	0.097494223	0.003017254	0.318188139	19
ENSRNOG000000004908	-0.213039041	0.071840635	0.00302251	0.318188139	6
ENSRNOG000000008895	0.193030635	0.064875129	0.002925895	0.318188139	3
ENSRNOG000000017191	-0.258092115	0.086864281	0.002966278	0.318188139	1
ENSRNOG000000048114	0.369225964	0.124536095	0.003028691	0.318188139	17
ENSRNOG000000059350	-0.198366374	0.066740411	0.002956665	0.318188139	4
ENSRNOG000000045844	-0.23046854	0.078008722	0.003132832	0.326532113	18
ENSRNOG000000053635	-0.363105078	0.12298648	0.003153159	0.326532113	17
ENSRNOG000000051238	-0.260743324	0.088505384	0.003218364	0.330797949	15
ENSRNOG000000052613	2.299662256	0.781134908	0.003239985	0.330797949	2
ENSRNOG000000007076	-0.355557433	0.120929395	0.003279932	0.331597781	7
ENSRNOG000000017832	-0.21956052	0.074707851	0.003293563	0.331597781	18
ENSRNOG000000029707	-0.186984688	0.063855898	0.003408989	0.338517307 MT	
ENSRNOG000000050805	0.261272237	0.089185915	0.003394821	0.338517307	12
ENSRNOG000000014516	0.184273724	0.062992831	0.003441103	0.339381728	9
ENSRNOG000000001344	0.187267063	0.064205005	0.003537501	0.342073254	12

ENSRNOG00000002753	-0.738658136	0.25722591	0.004083583	0.342073254	10
ENSRNOG00000006235	0.160925471	0.055550265	0.003768286	0.342073254	7
ENSRNOG00000006534	-0.207704858	0.072286452	0.004061336	0.342073254	4
ENSRNOG00000009156	-0.213158457	0.07440624	0.004172822	0.342073254	4
ENSRNOG00000010077	0.24682622	0.085547092	0.003910815	0.342073254	4
ENSRNOG00000011555	-0.298006478	0.103866619	0.00411607	0.342073254	2
ENSRNOG00000013356	-0.271611614	0.094770203	0.004156913	0.342073254	2
ENSRNOG00000013411	-0.2736391	0.094869604	0.003921969	0.342073254	2
ENSRNOG00000013618	-0.336719371	0.117620965	0.004199823	0.342073254	16
ENSRNOG00000013977	-0.196406557	0.067427762	0.003581534	0.342073254	9
ENSRNOG00000014303	0.191423431	0.066841524	0.004185393	0.342073254	1
ENSRNOG00000015140	-0.33328515	0.1163021	0.004161084	0.342073254	2
ENSRNOG00000015275	-0.309412106	0.107566619	0.00402151	0.342073254	18
ENSRNOG00000016813	-0.255606904	0.089186135	0.004157025	0.342073254	4
ENSRNOG00000019326	-0.253568496	0.087807161	0.003879608	0.342073254	19
ENSRNOG00000019459	0.200296218	0.069639328	0.004025022	0.342073254	7
ENSRNOG00000019638	0.199197503	0.068849143	0.003812826	0.342073254	2
ENSRNOG00000019986	-0.23368463	0.081178816	0.003993933	0.342073254	4
ENSRNOG00000020989	0.204396172	0.070983088	0.003982997	0.342073254	1
ENSRNOG00000021027	0.171826906	0.059383413	0.003809539	0.342073254	1
ENSRNOG00000022845	-0.256306062	0.087917666	0.003553508	0.342073254	8
ENSRNOG00000024671	-0.179203726	0.062207476	0.003967395	0.342073254	18
ENSRNOG00000027408	-0.281206062	0.096945403	0.003723727	0.342073254	2
ENSRNOG00000031031	-0.205909746	0.071071363	0.003764793	0.342073254	5
ENSRNOG00000032735	-0.295335655	0.101574661	0.003642463	0.342073254	2
ENSRNOG00000040287	-0.281545407	0.098279821	0.004173615	0.342073254	6
ENSRNOG00000053086	-0.252357404	0.087223543	0.003813071	0.342073254	2
ENSRNOG00000059443	5.680151247	1.961806608	0.003787148	0.342073254	2
ENSRNOG00000059479	0.224366005	0.077949924	0.003997802	0.342073254	14
ENSRNOG00000060693	-0.313265837	0.108766444	0.003974609	0.342073254	1
ENSRNOG00000028176	-0.245666597	0.085932589	0.004252076	0.344394436	19
ENSRNOG00000025604	-0.221910022	0.077799662	0.004340052	0.345725701	7
ENSRNOG00000028137	-0.222610065	0.078015462	0.004325284	0.345725701	1
ENSRNOG00000033065	-0.255614098	0.089614505	0.004339399	0.345725701	10
ENSRNOG00000052406	-0.373856476	0.13132504	0.004416072	0.349859117	1
ENSRNOG00000011652	-0.212306352	0.074774242	0.004521292	0.356248326	3
ENSRNOG00000019069	-0.207774538	0.073276771	0.004575743	0.357254377	1
ENSRNOG00000022619	0.182612184	0.064414696	0.004583344	0.357254377	1
ENSRNOG00000002914	0.194306347	0.068663376	0.004657133	0.357411013	19
ENSRNOG00000006864	-0.281531014	0.099427042	0.004632536	0.357411013	8
ENSRNOG00000014353	0.189559904	0.066989633	0.00465931	0.357411013	1
ENSRNOG00000038572	-0.287146447	0.101548588	0.004688732	0.357774915	14
ENSRNOG00000052025	0.168127101	0.059648777	0.004823092	0.366100466	7
ENSRNOG00000006792	-0.249123296	0.088495366	0.004876207	0.366586671	8
ENSRNOG00000057823	0.19761732	0.070205387	0.004880068	0.366586671	12
ENSRNOG00000014173	-0.18554374	0.065983893	0.004924139	0.367990544	1
ENSRNOG00000001442	0.198166428	0.070581507	0.004990825	0.369168299	12
ENSRNOG00000011740	-0.245289326	0.087345493	0.004980916	0.369168299	9
ENSRNOG00000007899	-0.323418868	0.115468874	0.005095744	0.371161415	4
ENSRNOG00000010386	0.210173235	0.075022039	0.005086776	0.371161415	8

ENSRNOG00000024863	-0.259555308	0.09258243	0.005055044	0.371161415	8
ENSRNOG00000043006	-0.194298441	0.069407809	0.005120174	0.371161415	8
ENSRNOG00000019760	-0.286598134	0.102690895	0.005256469	0.372221241	16
ENSRNOG00000021731	0.512181242	0.183180825	0.005173271	0.372221241	10
ENSRNOG00000032776	-0.208780614	0.074778952	0.005238816	0.372221241	6
ENSRNOG00000038074	0.187322096	0.067129237	0.005263164	0.372221241	15
ENSRNOG00000055765	0.169161909	0.060619371	0.005261717	0.372221241	KL568414.1
ENSRNOG00000002349	-0.389151034	0.140259715	0.005528608	0.389095939	14
ENSRNOG00000029574	-0.229355445	0.082855704	0.005637878	0.392970968	4
ENSRNOG00000050827	-1.144302725	0.413198354	0.005616331	0.392970968	1
ENSRNOG00000005492	0.202265469	0.073120767	0.005671659	0.393434031	6
ENSRNOG00000011688	-0.94473923	0.341997541	0.005737545	0.394231895	16
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ENSRNOG00000019553	0.202210804	0.073400764	0.005871242	0.399630373	15
ENSRNOG00000003889	-0.198897881	0.072264437	0.00591671	0.400843266	7
ENSRNOG00000011517	0.173410573	0.063058229	0.005959398	0.401857471	9
ENSRNOG00000040297	-0.227267496	0.082828832	0.006072863	0.403315111	2
ENSRNOG00000045765	0.177989447	0.064853171	0.006060338	0.403315111	7
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ENSRNOG00000058904	-0.210001764	0.076565508	0.006092289	0.403315111	X
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ENSRNOG00000007970	-0.225276546	0.082473068	0.006304359	0.413577336	7
ENSRNOG00000015206	0.21132787	0.077420257	0.006340739	0.414090273	5
ENSRNOG00000010635	0.149484519	0.054814648	0.006389547	0.415406499	10
ENSRNOG00000015733	0.190975833	0.070095374	0.006439619	0.416792822	9
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ENSRNOG00000031053	-0.192906635	0.070997726	0.006586031	0.422496834	MT
ENSRNOG00000057464	-0.194713548	0.071724094	0.006632425	0.423598647	X
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ENSRNOG00000006749	-0.219040608	0.081534096	0.007220691	0.432585057	7
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ENSRNOG00000013250	1.104388351	0.411636449	0.007298208	0.433037411	1
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ENSRNOG00000029055	-0.24739226	0.09218737	0.007283836	0.433037411	8
ENSRNOG00000011825	-0.247830914	0.092820681	0.007585199	0.441647432	9
ENSRNOG00000014750	-0.211782114	0.079293461	0.007565611	0.441647432	16

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ENSRNOG00000017146	0.204147232	0.076692376	0.007770158	0.447030736	18
ENSRNOG00000020762	-0.18469715	0.069378342	0.007763796	0.447030736	1
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ENSRNOG00000016410	0.180336023	0.067934262	0.007941036	0.447802537	17
ENSRNOG00000019834	0.143924742	0.05419396	0.0079136	0.447802537	9
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ENSRNOG00000019264	0.185292145	0.069984968	0.008106557	0.448761173	4
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ENSRNOG00000027722	0.219178516	0.084108439	0.009163214	0.484847737	4
ENSRNOG00000028092	-0.164233773	0.062997499	0.009134236	0.484847737	4
ENSRNOG00000011448	-0.239166492	0.091875617	0.009237012	0.486072134	16
ENSRNOG00000014096	-0.149114897	0.057295751	0.009253408	0.486072134	18
ENSRNOG00000001172	0.155135105	0.059839925	0.009528073	0.486712319	12
ENSRNOG00000006720	0.18745414	0.072198847	0.009421751	0.486712319	13
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ENSRNOG00000048736	0.167173682	0.065479086	0.010677338	0.494596371	9
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ENSRNOG00000013322	-0.275110202	0.110072815	0.012442227	0.517371404	X
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ENSRNOG00000004839	0.222709152	0.08940148	0.012734376	0.523011293	7
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ENSRNOG00000053060	-0.213189265	0.086262289	0.013458237	0.53250884	7
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ENSRNOG00000012087	-0.195058739	0.079902692	0.014638399	0.535759624	16
ENSRNOG00000037505	0.154335594	0.06322385	0.014642693	0.535759624	12
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ENSRNOG00000017752	-0.155307818	0.06374901	0.01484088	0.539255819	2
ENSRNOG00000015205	-0.184299059	0.075696814	0.014904127	0.540200075	18
ENSRNOG00000027098	0.144726555	0.059516693	0.01502828	0.543289293	1
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ENSRNOG00000058973	-0.207803808	0.085518467	0.015101779	0.543289293	6
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ENSRNOG00000057623	-0.158162001	0.065206589	0.015285107	0.545821376	1
ENSRNOG00000010748	-0.324681913	0.134093687	0.015464832	0.546056172	16
ENSRNOG00000017113	-0.222078821	0.091623817	0.015358594	0.546056172	13
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ENSRNOG00000033335	-0.361497857	0.149320658	0.015480003	0.546056172 X	
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ENSRNOG00000001091	0.17312204	0.071793837	0.015892392	0.549375587	12
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ENSRNOG00000002360	-0.186110529	0.077025737	0.015682917	0.549375587	14
ENSRNOG00000010727	0.183183037	0.076073969	0.01604196	0.549375587	5
ENSRNOG00000011933	0.196664652	0.081700923	0.016078494	0.549375587	19
ENSRNOG00000013738	-0.334563666	0.138488876	0.015699986	0.549375587	18
ENSRNOG00000015332	-0.34150465	0.141907134	0.016104609	0.549375587	18
ENSRNOG00000018153	-0.168798354	0.06997773	0.015857779	0.549375587	8
ENSRNOG00000020346	0.178090405	0.073788437	0.015798945	0.549375587	1
ENSRNOG00000051528	-0.177872625	0.073889342	0.01607167	0.549375587	9
ENSRNOG00000019175	-0.185955868	0.077326128	0.016180176	0.550657732	17
ENSRNOG00000053047	-0.163722892	0.068133982	0.01626319	0.552186715	10
ENSRNOG00000001613	-0.211429028	0.088093515	0.016392737	0.552702102	11
ENSRNOG00000048118	0.709968694	0.295788507	0.016383525	0.552702102	2
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ENSRNOG00000015297	0.166173956	0.069351194	0.016569551	0.555844047	9
ENSRNOG00000015425	-0.195178992	0.081568157	0.016718841	0.555844047	2
ENSRNOG00000018691	-0.160514967	0.067086775	0.016727328	0.555844047	5
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ENSRNOG00000026502	-0.44586251	0.186393032	0.0167543	0.555844047	7
ENSRNOG00000050071	-0.305548381	0.127637424	0.016671308	0.555844047	11
ENSRNOG00000050482	-0.29275567	0.122155171	0.016548499	0.555844047	4
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ENSRNOG00000001642	-0.212587371	0.089033228	0.01695276	0.557326782	11
ENSRNOG00000003463	0.138666458	0.058037835	0.016883157	0.557326782	10
ENSRNOG00000011135	-0.29831541	0.124813877	0.016844608	0.557326782	2
ENSRNOG00000011627	-0.16506432	0.069173574	0.017021926	0.558334576	2
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ENSRNOG00000005710	-0.282711154	0.118790948	0.017317109	0.562922519	8
ENSRNOG00000011621	-0.187117029	0.078612035	0.017300459	0.562922519	15
ENSRNOG00000018566	-0.16911053	0.071042189	0.017292729	0.562922519	17
ENSRNOG00000004232	-0.249715091	0.104965016	0.017358187	0.562995522	6
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ENSRNOG00000020624	-0.183663399	0.077316627	0.017526574	0.564667273	1
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ENSRNOG00000012641	-0.192739999	0.081425353	0.01792925	0.569593053	1
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ENSRNOG00000016707	-0.168636461	0.071221446	0.017895346	0.569593053	4
ENSRNOG00000029592	-0.165293853	0.069874566	0.01800187	0.569593053	2
ENSRNOG00000038933	-0.168771073	0.071348401	0.018008176	0.569593053	16
ENSRNOG00000056246	-0.168043568	0.071023437	0.017979997	0.569593053	9
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ENSRNOG00000003346	-0.427333057	0.181340854	0.018447154	0.570289766 X	
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ENSRNOG00000049743	-0.285643566	0.121770755	0.018988916	0.572814734	2
ENSRNOG00000014674	-0.249351497	0.10646825	0.019179337	0.572889012	2
ENSRNOG00000020248	0.149598295	0.063832835	0.019098911	0.572889012	1
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ENSRNOG00000057622	-0.237964682	0.101660692	0.019243823	0.572889012 X	
ENSRNOG00000025443	0.169270389	0.07233969	0.019286942	0.572996077	3
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ENSRNOG00000003712	-0.157992438	0.068107464	0.020354287	0.586368045	14
ENSRNOG00000012037	-0.154233941	0.066401323	0.020192369	0.586368045	16
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ENSRNOG00000055093	-0.269286064	0.115950409	0.020210092	0.586368045	1
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ENSRNOG000000003825	-0.18125661	0.079596637	0.022774923	0.589092369	9
ENSRNOG000000006082	-0.42162526	0.184760992	0.022489124	0.589092369	6
ENSRNOG000000006197	-0.131058556	0.057128218	0.02178404	0.589092369	4
ENSRNOG000000006833	-0.162380827	0.070912796	0.022029064	0.589092369	5
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ENSRNOG00000010852	-0.177524756	0.077044345	0.021212019	0.589092369	4
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ENSRNOG00000019353	-0.174789933	0.075761835	0.021049391	0.589092369	19
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ENSRNOG00000025848	-0.430772388	0.188512997	0.022306549	0.589092369	4
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ENSRNOG00000050562	-0.265353413	0.116262338	0.022467637	0.589092369 X	
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ENSRNOG00000062170	-0.183881738	0.080164822	0.021802227	0.589092369	7
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ENSRNOG00000000560	0.335060909	0.14818026	0.02374867	0.590643177	20
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ENSRNOG00000005377	0.238491796	0.105474604	0.023751205	0.590643177	10
ENSRNOG00000013178	0.165295927	0.073076885	0.023700775	0.590643177	19
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ENSRNOG00000036913	-0.173417538	0.076691268	0.023744258	0.590643177	4
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ENSRNOG00000019575	0.250965164	0.111179367	0.023989347	0.594525722	18
ENSRNOG00000018276	-0.12614458	0.05593231	0.024114011	0.596595445	9
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ENSRNOG00000003472	-0.180986275	0.080365089	0.024319053	0.5976684 X	
ENSRNOG00000007603	-0.276350384	0.122713318	0.024322276	0.5976684	5
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ENSRNOG00000010084	-0.16258434	0.072339021	0.024605982	0.601081028	2
ENSRNOG00000023591	-0.29649161	0.131938003	0.024626992	0.601081028	6
ENSRNOG00000000236	-0.164518869	0.073246596	0.024697876	0.601647503	10
ENSRNOG00000000632	-0.193370163	0.086409807	0.025232366	0.601647503	20
ENSRNOG00000001449	0.141896167	0.063215302	0.024790672	0.601647503	12
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ENSRNOG00000006513	0.268011485	0.11984445	0.025330302	0.601647503		10
ENSRNOG00000008401	0.142440612	0.063547859	0.024995654	0.601647503		7
ENSRNOG00000009207	0.187290524	0.083501823	0.024899954	0.601647503		3
ENSRNOG00000009549	-0.14894479	0.06642555	0.024943176	0.601647503		3
ENSRNOG00000011360	-0.294720184	0.132081609	0.025658011	0.601647503		2
ENSRNOG00000012472	-0.213429684	0.095439782	0.025333704	0.601647503		4
ENSRNOG00000016334	-0.197898932	0.088324324	0.025052399	0.601647503		5
ENSRNOG00000016587	0.20327985	0.090923443	0.025369764	0.601647503		17
ENSRNOG00000016795	0.141718972	0.063220479	0.024983199	0.601647503		3
ENSRNOG00000020412	0.133876838	0.059960435	0.025565242	0.601647503		1
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ENSRNOG00000031406	-0.487983337	0.218404258	0.025462526	0.601647503		2
ENSRNOG00000042682	-0.156846271	0.070159102	0.02537931	0.601647503		18
ENSRNOG00000046007	0.147953355	0.06595195	0.024874207	0.601647503		12
ENSRNOG00000052963	-0.156369095	0.069667238	0.024799345	0.601647503		13
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ENSRNOG00000059010	-0.340954778	0.15271092	0.025569984	0.601647503		14
ENSRNOG00000027152	-0.216418903	0.097052856	0.025753576	0.602218303		14
ENSRNOG00000001548	-0.146002151	0.065532488	0.025884823	0.602372662		3
ENSRNOG00000027042	-0.277024318	0.124332648	0.02587452	0.602372662		6
ENSRNOG00000031033	-0.135154797	0.060632339	0.025808075	0.602372662	MT	
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Start position	End position	Gene Name	Ensembl version
81991147	82027119	Luc7l3	GRCh38 - 102
151691514	151724654	Rbm39	GRCh38 - 102
65296778	65307995	Clk1	GRCh38 - 102
151616037	151625644	Cpne1	GRCh38 - 102
125169135	125213607	Gpcpd1	GRCh38 - 102
50597677	50618694	Dld	GRCh38 - 102
35991068	36017944	Pnlsr	GRCh38 - 102
279867034	279882663	Pnliprp1	GRCh38 - 102
143901280	143917575	Zfp386	GRCh38 - 102
61594620	61634510	Sf3b1	GRCh38 - 102
130548418	130550388	Cyp8b1	GRCh38 - 102
94530586	94607588	Cstf3	GRCh38 - 102
86785771	86810316	Prpf39	GRCh38 - 102
1217800	1238420	Ddx3	GRCh38 - 102
152226710	152259156	LOC100910882	GRCh38 - 102
28027054	28076664	Ranbp2	GRCh38 - 102
229003961	229019527	Fam111a	GRCh38 - 102
115601661	115690272	Zfp638	GRCh38 - 102
65781547	65800492	Zfp329	GRCh38 - 102
67368384	67390141	LOC103690016	GRCh38 - 102
110855000	110909807	Kn1l	GRCh38 - 102
60471962	60503803	Anapc4	GRCh38 - 102
135536413	135551990	Prdx1	GRCh38 - 102
108745895	108756130	LOC108348062	GRCh38 - 102
79736482	79801561	Suco	GRCh38 - 102
153101036	153114520	Dsn1	GRCh38 - 102
174013288	174111752	Serpini1	GRCh38 - 102
165432095	165442048	Tardbp	GRCh38 - 102
40217269	40306327	Cep290	GRCh38 - 102
36715565	36733133	Clk4	GRCh38 - 102
156403016	156427755	LOC103690024	GRCh38 - 102
68717519	68763850	Smc2	GRCh38 - 102
94793195	94810667	AC120712.3	GRCh38 - 102
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