

MMR-VERSUS-MMR:

Table with columns: Proteins, ENSG, HNCRC, Protein/GO Cluster, count1, count2, rate1, rate2, X2log-ratio, qvalue, pvalue, TotalCounts, and a grid of 20x20 counts. The table lists various proteins and their associated counts across different categories.

ENSP0000366124,ENSP000001	ENSG0000010139	CST3	1953	1	38	22	0.00013737	4.81E-05	1.5541849	7.12E-05	0.00773125	60	4	3	3	5	7	3	0	2	2	2	2	2	2	2	1	0	0	1	2	1	1	1	3	2	3	1	2	1	0	1	
ENSP0000217426,K33AC	ENSG0000010144	ANCY	1998	1	381	251	0.00054432	0.00054432	0.00054432	0.00054432	0.00054432	0.00054432	412	27	15	36	7	14	17	17	3	11	18	5	6	12	5	12	19	20	26	9	12	14	10	8	7	29	19	16	16	9	13
ENSP0000361705,ENSP000001	ENSG0000010145	NTTP1	5861	1255	57	4	2.57E-05	7.4	0.00000000	0.00000000	0.00000000	0.00000000	11	0	0	1	1	1	0	1	0	0	0	0	1	1	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0		
ENSP00002021473,ENSP000001	ENSG0000010147	ACOT8	1763	421	6	4	2.17E-05	8.74E-06	1.31128509	0.18425786	0.52542312	11	0	0	2	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000217456,ENSP000001	ENSG00000101474	C20orf3	1733	3	115	80002	0.00002182	0.00276004	0.20276004	0.24351802	0.59095874	115	1	5	8	5	6	5	6	4	7	13	4	4	9	6	9	7	5	7	7	6	7	5	4	5	7	11	4	5			
ENSP0000305956,ENSP000001	ENSG0000010156	C16orf22	1153	1152	7	9	7.23E-06	1.97E-05	-1.4446004	0.16514135	0.59563116	115	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000361611,ENSP000001	ENSG0000010157	USP18	9046	1	36	0.00042222	0.00042222	0.00042222	0.00042222	0.00042222	0.00042222	424	21	10	14	5	6	15	8	15	11	3	6	4	7	13	20	9	11	11	17	19	21	18	14	14	22	17	26	15	22		
ENSP0000345656,Z162S,ENSP000001	ENSG0000010158	VAPA	3674	1	118	0.00037596	0.00034961	0.10483422	0.58843736	0.82776365	264	8	9	10	7	7	10	8	7	5	6	7	5	6	9	8	14	12	9	6	14	12	6	8	5	9	5	5	5	5			
ENSP0000217602,ENSP000001	ENSG00000101558	VAPA	3673	1	104	215	0.0005972	0.01718019	0.50067611	0.78453099	356	14	12	11	8	8	25	10	11	11	7	7	6	9	10	10	20	9	15	11	9	18	13	17	12	13	8	13	9	5			
ENSP0000262598,ENSP000001	ENSG00000101596	SMCHD1	1095	1	34	78	0.0012291	0.00121405	-0.4716188	0.46514283	0.30928256	112	5	2	3	1	3	4	5	2	4	4	3	4	7	3	5	3	6	9	3	6	4	3	6	3	2	3	5	3			
ENSP000030262173,ENSP000001	ENSG0000010162	USP18	9046	1	105	0.00021555	0.00021555	0.00021555	0.00021555	0.00021555	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ENSP00003041874,ENSP000001	ENSG00000101874	RIOK3	4078	1079	2	10	7.23E-06	1.97E-05	-1.5956505	0.09628874	0.38774405	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0		
ENSP0000306203,ENSP000001	ENSG0000010181	CSTF2	3737	1	51	80	0.0004437	0.000478184	0.70878184	0.7087374	0.88361426	131	5	4	2	4	5	3	4	7	7	5	4	3	4	6	4	4	5	4	5	2	4	5	2	4	6	3	2	4	2		
ENSP0000217598,ENSP000001	ENSG00000101843	PSMD10	1070	1240	13	20	4.70E-05	4.37E-05	0.10483422	0.84949081	0.59414235	33	0	4	3	0	2	1	1	0	1	0	0	1	1	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0		
ENSP0000217961,ENSP000001	ENSG00000101849	TBL1X	2198	1	8	8.74E-05	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ENSP0000217964,ENSP000001	ENSG00000101849	TBL1X	1999	478	13	25	4.70E-05	5.46E-05	-0.217999	0.57484818	0.82077282	38	2	1	0	0	0	0	0	2	3	1	0	1	0	1	0	2	1	0	1	3	1	1	2	1	2	1	4	2			
ENSP000020217971,ENSP000001	ENSG00000101856	PGRMC1	2114	1	84	102	0.0003366	0.0002288	0.44621366	0.0157807	0.15889693	186	5	9	5	9	8	6	9	8	2	8	1	3	7	4	6	4	4	4	4	9	4	9	11	5	9	6	8	4			
ENSP0000308349,ENSP000001	ENSG00000101868	POLA1	5379	1	40	49	0.003446	0.003446	0.4334084	0.2274447	0.56448986	95	2	1	9	4	4	1	2	4	4	3	2	4	4	5	4	6	3	3	1	3	1	3	2	2	1	1	4	1			
ENSP0000306364,ENSP000001	ENSG00000101862	NBS4	5693	1	8	4	2.89E-05	1.53E-05	0.19186707	0.3181545	0.65958494	178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ENSP0000306367,ENSP000001	ENSG00000101888	MCT51	6235	689	27	8	3.96E-05	8.07E-05	0.2328258	0.60626263	0.8864040	69	1	4	0	0	0	1	0	2	0	2	0	1	2	1	2	1	1	1	3	5	0	2	6	2	4	2	1	4			
ENSP0000307043,ENSP000001	ENSG00000101911	PPS2	2446	1	32	98	0.00011568	0.00021414	-0.8883873	0.01501501	0.15739161	130	7	5	2	0	6	4	1	0	2	3	1	2	0	4	8	6	7	4	8	4	0	0	0	0	0	0	0	0			
ENSP0000218808,ENSP000001	ENSG00000101951	PAG4	2512	583	13	0	4.70E-05	1.65E-11	28.8854034	0.0001879	0.01249219	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ENSP0000347858,ENSP000001	ENSG00000101966	STG2	4920	95	42	9	1.32E-05	4.15E-05	-0.3516799	0.6832841	0.82666651	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ENSP0000218089,ENSP000001	ENSG00000101972	STAG2	4946	1	54	75	0.0019521	0.0001688	0.2529194	0.33881153	0.6676249	129	7	1	6	4	3	7	6	4	9	2	4	3	1	4	5	4	3	8	5	6	9	1	3	3	7	3	6				
ENSP0000332756,ENSP000001	ENSG00000101974	ATP11C	5883	1	3	8	1.08E-05	1.75E-05	-0.6887149	0.46592731	0.79599516	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0			
ENSP0000339588,ENSP000001	ENSG00000101974	ATP11C	4888	1	3	8	1.08E-05	1.75E-05	-0.6887149	0.46592731	0.79599516	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0			
ENSP0000218104,ENSP000001	ENSG00000101976	PCNA	2572	602	26	14	0.0001482	0.0001482	0.0001482	0.0001482	0.0001482	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ENSP0000365401,ENSP000001	ENSG00000101997	CCDC22	4883	1	23	54	8.31E-05	0.00011799	-0.505003	0.31566644	0.64792497	77	7	1	2	3	0	2	1	2	0	0	0	0	0	0	0	2	1	3	5	1	2	3	0	13	5	3	4	0			
ENSP0000308550,ENSP000001	ENSG00000102007	PUP2	1478	1184	25	41	9.04E-05	8.86E-05	0.01262678	0.97522262	0.9910128	66	2	2	1	2	3	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ENSP0000308596,ENSP000001	ENSG00000102004	PLS3	4575	1	214	299	0.00077861	0.0005333	0.24378791	0.35807957	0.68122136	513	40	30	36	24	18	16	7	10	8	4	3	18	12	21	13	26	18	7	10	4	7	22	17	29	24	26	2				
ENSP0000335026,ENSP000001	ENSG00000102119	EMD3A	947	1	10	0.51E-05	8.24E-05	2.8968268	0.00015483	0.02265745	178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ENSP0000306162,ENSP000001	ENSG00000102038	SMARCA1	2225	1	54	38	0.0019521	8.30E-05	1.2332828	0.00287977	0.60682556	102	10	7	3	1	1	2	1	1	3	6	4	2	1	2	2	3	3	1	5	3	0	1	1	0	3	2	3				
ENSP0000306570,ENSP000001	ENSG00000102038	SMARCA1	2225	1	54	38	0.0019521	8.30E-05	1.2332828	0.00287977	0.60682556	102	10	7	3	1	1	2	1	1	3	6	4	2	1	2	2	3	3	1	5	3	0	1	1	0	3	2	3				
ENSP0000306570,ENSP000001	ENSG00000102038	SMARCA1	2225	1	54	38	0.0019521	8.30E-05	1.2332828	0.00287977	0.60682556	102	10	7	3	1	1	2	1	1	3	6	4	2	1	2	2	3	3	1	5	3	0	1	1	0	3	2	3				
ENSP000030331979,NTD	ENSG00000102054	RBBP7	2924	1	19	108	0.0005789	0.0005789	0.0365862	0.82710334	0.94424554	267	10	11	9	8	10	8	4	7	16	4	5	11	6	6	10	14	12	8	10	12	5	17	11	6	13	8	11				
ENSP0000305501,ENSP000001	ENSG00000102054	RBBP7	2924	1	19	108	0.0005789	0.0005789	0.0365862	0.82710334	0.94424554	267	10	11	9	8	10	8	4	7	16	4	5	11	6	6	10	14	12	8	10	12	5	17	11	6	13	8	11				
ENSP0000247138,ENSP000001	ENSG00000102100	SLC35A2	5297	1	19	18	6.87E-05	3.93E-05	0.8042351	0.16487914	0.5																																

ENSP0000222567	ENSP00000015849	TWISTNB	1478	342	11	24	3.98E-05	5.24E-05	-0.392083	0.805161	0.7002659	35	0	0	1	1	1	2	2	1	0	2	2	0	2	1	1	1	1	2	2	3	1	1	2	1	0	1			
ENSP0000222572	ENSP00000015854	PONZ	2974	1	46	39	0.0001629	8.52E-05	0.964423	2.63E-05	0.0042218	85	7	4	4	13	4	5	5	2	2	1	0	2	2	4	0	1	1	4	3	3	2	2	3	2	0	3	2		
ENSP0000222577	ENSP00000015859	TPFN	2732	1	82	11	0.0002268	0.0001029	0.945177	0.0001474	0.0001474	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ENSP0000222644	ENSP00000015926	MPPE	524	1	24	38	8.68E-05	0.0033578	0.874653	0.9609517	0.0001629	62	4	4	1	0	0	2	3	4	3	2	1	2	4	1	3	3	1	1	1	1	0	0	0	0	0	0			
ENSP0000224231	ENSP00000015930	ZCH3AV1	5001	1	71	125	0.0002467	0.0007713	-0.087146	0.6234087	0.8423419	196	8	6	6	4	5	1	7	9	6	11	5	3	5	9	7	5	6	6	5	7	9	6	6	11	6	4	11		
ENSP0000224273	ENSP00000015933	ODCH1	4802	1	206	25	0.0007449	0.0007071	0.0885271	0.7664669	0.9139536	531	21	6	15	15	17	17	12	18	18	9	20	12	12	12	17	14	14	17	17	42	18	11	16	21	18	19	10		
ENSP0000225644	ENSP00000015953	ASB14	5681	15	15	6	4.42E-05	0.0001029	0.945177	0.0001474	0.0001474	27	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ENSP0000347078	ENSP00000015968	H2AF2V	875	1	56	131	0.0002044	0.0002624	-0.497455	0.0230824	0.1952764	107	8	3	6	4	5	1	2	4	5	4	3	8	4	10	8	6	3	11	7	9	9	6	6	8	3	11	5		
ENSP0000348577	ENSP00000015972	C7r0ZT	621	148	26	44	9.40E-05	0.0018605	0.9260109	0.9746513	0.0001629	50	1	4	4	2	2	1	3	1	2	0	1	3	3	4	3	2	4	5	0	0	0	0	0	0	0	0	0		
ENSP0000339139	ENSP00000015974	CAV1	4713	1	4	19	1.45E-05	1.15E-05	-1.5210409	0.7440947	0.3449076	23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ENSP0000317722	ENSP00000015975	SR1	4444	1	1	23	0.0001474	0.0001474	0.945177	0.0001474	0.0001474	27	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000206177	ENSP00000015993	DNA8I6	1	54	80	0.0003551	0.0001748	0.159282	0.5791203	0.8233565	134	1	3	6	2	2	1	4	2	2	6	4	3	5	4	2	5	4	7	3	4	5	2	4	3	5	7	9	0		
ENSP0000339637	ENSP00000016009	C7r0ZT	216	1	6	23	2.89E-05	5.03E-05	-0.972934	0.0512367	0.2953933	31	1	2	1	0	1	0	1	0	1	0	0	1	0	0	2	2	1	1	1	1	0	0	0	0	0	0	0	0	
ENSP0000265304	ENSP00000016028	SSB1	2570	1	157	240	0.0006756	0.0005441	0.1462527	0.7407316	0.7625276	397	15	7	10	17	13	10	12	14	26	9	14	14	3	8	10	16	15	13	15	15	12	11	15	12	17	17	17		
ENSP0000265314	ENSP00000016028	SSB1	2570	1	157	240	0.0006756	0.0005441	0.1462527	0.7407316	0.7625276	397	15	7	10	17	13	10	12	14	26	9	14	14	3	8	10	16	15	13	15	15	12	11	15	12	17	17	17		
ENSP0000265395	ENSP00000016040	HIBAD8	6333	1	57	86	0.0002606	0.0001892	0.1324785	0.5591821	0.8120725	143	5	3	2	5	6	9	4	7	2	6	2	3	4	6	7	4	4	5	4	6	5	8	4	5	2	2			
ENSP0000265395	ENSP00000016052	TAX1KPI	2782	1	12	31	4.34E-05	6.77E-05	-0.642912	0.56159025	0.8127804	143	5	3	2	5	6	9	4	7	2	6	2	3	4	6	7	4	4	5	4	6	5	8	4	5	2	2			
ENSP0000265394	ENSP00000016066	CPV1	3081	1	15	10	3.42E-05	2.19E-05	-1.1128509	0.1085103	0.4116227	25	4	3	5	0	1	2	0	0	0	0	0	0	1	0	1	2	1	0	0	0	0	0	0	0	0	0	0		
ENSP0000222800	ENSP00000016077	ADK211	3425	1	57	158	0.0002006	0.0003424	-1.7445691	0.0234647	0.6021889	215	2	1	5	4	6	3	4	8	5	7	6	3	4	8	4	3	7	6	18	9	14	20	13	18	9	6	3		
ENSP0000265136	ENSP00000016078	COBL	4696	1019	10	6	3.24E-05	1.31E-05	1.46328819	0.3792327	0.4751221	16	1	2	4	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000373918	ENSP00000016085	GARS	3202	1	107	223	0.0000801	0.0007477	-0.331103	0.2286171	0.5664494	330	9	3	11	8	5	14	10	6	17	14	3	7	6	13	12	13	17	8	9	3	10	13	20	32	14	18	0		
ENSP0000312644	ENSP00000016144	CA5P	4524	983	4	9	1.45E-05	1.97E-05	-0.4480024	0.5711059	0.7945309	113	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
ENSP0000252887	ENSP00000016144	CA5P	4524	983	4	9	1.45E-05	1.97E-05	-0.4480024	0.5711059	0.7945309	113	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000248553	ENSP00000016021	HSR81	2451	1	73	109	0.0002639	0.0004568	-0.791212	0.0613913	0.3188942	282	15	12	7	3	5	4	2	0	2	8	7	14	9	16	10	17	18	26	2	0	0	0	0	0	0	0	0	0	
ENSP0000222968	ENSP00000016044	POAP1	2001	1	81	232	0.0002928	0.0002881	0.0217788	0.9143308	0.9727321	213	9	6	5	4	6	7	5	13	5	8	6	7	4	6	10	5	12	5	12	6	8	5	6	8	5	9	11	0	
ENSP0000222969	ENSP00000016045	BDU31	514	120	11	21	3.98E-05	4.59E-05	-0.2065612	0.6553999	0.8505516	32	1	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	2	2	0	1	1	1	1	1	1	1	1	1	
ENSP0000292478	ENSP00000016045	PTFC1	379	17	17	3	0.0001474	0.0001474	0.945177	0.0001474	0.0001474	27	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000316168	ENSP00000016043	EF3B	3687	1	209	391	0.0007554	0.0008546	-0.173431	0.2251683	0.8056516	600	33	16	20	17	18	20	14	20	21	21	11	20	9	18	22	22	22	25	19	22	18	9	12	43	26	25	2	2	
ENSP0000222990	ENSP00000016066	SNX8	4085	919	23	29	8.31E-05	6.39E-05	0.9190355	0.5905324	0.487055	32	3	2	1	2	2	3	3	2	2	1	2	2	2	2	2	1	3	1	0	0	0	0	0	0	0	0	0	0	
ENSP0000339503	ENSP00000016068	NUD1	1539	363	13	23	4.70E-05	5.03E-05	-0.0967996	0.8093953	0.9339456	36	3	1	2	0	0	0	0	0	0	0	0	0	1	3	1	3	1	2	0	0	0	0	0	0	0	0	0	0	0
ENSP0000344537	ENSP00000016069	SR1	4444	1	1	23	0.0001474	0.0001474	0.945177	0.0001474	0.0001474	27	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000223023	ENSP00000016099	WASL	997	235	10	26	3.26E-05	5.68E-05	-0.652189	0.1524238	0.4858819	36	1	2	0	0	0	0	0	0	0	0	0	2	3	0	1	0	1	3	1	2	2	0	0	0	0	0	0	0	
ENSP0000223029	ENSP00000016105	STAG13	3504	1	6	6	2.17E-05	0.17E-05	0.7263259	0.4253102	0.7293027	12	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000223073	ENSP00000016104	RMZ8	2968	1	70	121	0.0002503	0.0002499	-0.0625276	0.8037649	0.9312778	191	10	14	6	4	5	3	6	4	8	4	10	4	4	2	8	9	8	9	5	10	9	8	3						

ENSP0000338607	ENSG00000130193	Chr8F55	1909	1	46	61	0.00016629	0.00013329	0.31914721	0.2265566	0.56170974	107	4	4	2	7	4	6	7	2	4	0	2	4	2	2	2	2	3	6	4	4	4	4	3	4	7	4	2	3	5	
ENSP0000252483	ENSG00000130202	PWR2	4046	1	16	29	5.798705	6.34e-05	-0.1330584	0.7345562	0.88807778	45	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252484	ENSG00000130203	APCE	3593	1	88	0	0.0023812	1.2E-12	27.959000	6.8745e-05	0.0058664	88	23	27	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000252487	ENSG00000130204	TTMOM40	3765	1	133	198	0.0004808	0.0003264	0.15224841	0.30027293	0.6933245	331	137	7	9	7	8	10	11	15	12	26	7	13	8	7	11	11	13	11	8	10	13	16	9	10	14	9	10	18	10	10
ENSP0000252512	ENSG00000130227	XF07	4753	1	51	86	0.0003447	0.0001924	-0.0275681	0.02672994	0.9748714	131	17	7	9	7	6	3	1	1	5	2	4	2	5	2	4	2	5	3	7	7	7	7	1	1	6	5	8	7	10	
ENSP0000252513	ENSG00000130234	FAM8C	2403	4	4	22	0.0001527	0.0000116	0.1731019	0.00019639	0.9796339	18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252542	ENSG00000130254	SARF2	4103	1	128	168	0.0004427	0.0003079	0.33405517	0.09215668	0.8061159	296	14	16	6	8	10	11	10	15	16	12	10	6	8	7	6	8	7	5	9	17	10	13	12	10	5	8	7	0	0	0
ENSP0000252543	ENSG00000130255	RR36	4242	1	150	267	0.0005425	0.0005841	0.0563933	0.05877427	0.8557427	447	12	15	8	15	21	11	17	9	9	11	11	11	10	12	9	16	20	14	17	18	16	16	16	12	10	13	19	9	0	0
ENSP0000252576	ENSG00000130288	NDFJF13	414	1	52	108	0.0001798	0.0000959	-0.3281252	0.05872588	0.31248503	100	4	5	1	4	5	6	3	5	7	3	6	4	5	2	5	5	9	4	5	4	8	7	6	8	4	9	7	6	0	0
ENSP0000252821	ENSG00000130311	GT9P3	612	1	10	5	1.421125	0.0000000	0.2199	0.0000000	0.4632868	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252833	ENSG00000130323	BT52	5753	1237	8	8	2.89e-05	1.77e-05	0.7623259	0.3514878	0.3675567	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252936	ENSG00000130304	SLC7L1	2424	1	1	9	8.26e-05	1.97e-05	-0.4436024	0.0109756	0.1738481	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000252944	ENSG00000130305	GLT2D1	4841	1	35	0	0.0001235	0.0000000	0.0000000	0.0000000	0.8467609	26	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252959	ENSG00000130309	GLT2D2	1173	1	57	107	0.0002606	0.0003308	-0.1822544	0.5366269	0.8010603	164	11	8	10	2	2	2	4	2	4	3	2	6	5	9	4	5	8	12	10	2	1	2	9	6	8	4	6	5	0	0
ENSP0000252982	ENSG00000130311	DOA1	2393	1	8	16	2.89e-05	5.27e-06	-0.2736774	0.6302482	0.8617548	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252983	ENSG00000130313	PGLS	6091	1296	40	37	0.0003446	0.0001236	0.2409576	0.4251568	0.7292739	96	2	5	2	3	9	2	3	2	2	5	2	3	6	2	3	5	2	4	4	3	2	1	4	3	4	2	3	3	0	0
ENSP0000252984	ENSG00000130314	SWK5	358	1	8	6	8.06e-05	8.06e-05	-1.48308	0.013299	0.16928078	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000253859	ENSG00000130347	RTN4P1	4681	1015	17	28	6.15e-05	6.12e-05	0.00643051	0.9837042	0.99488808	45	3	2	1	3	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000253859	ENSG00000130348	QNSL1	3558	809	3	18	1.08e-05	9.39e-05	-1.8586399	0.03187866	0.22691338	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000253951	ENSG00000130349	C6orf303	4913	1	17	17	1.81e-05	3.71e-05	-0.1932111	0.1336645	0.4479104	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000254092	ENSG00000130350	MLT2A	2953	1	48	22	0.0001352	0.0001769	-0.0205689	0.0399592	0.902285	129	5	4	5	2	2	11	3	6	2	3	3	6	5	3	2	4	12	8	11	6	4	3	6	4	3	6	4	0	0	
ENSP0000254092	ENSG00000130356	MLT4	3062	1	52	85	0.0001978	0.0001873	0.01737137	0.9599883	0.9839596	137	6	4	5	2	2	11	6	9	3	2	6	5	4	2	4	12	8	11	6	4	2	5	3	0	0	0	0	0	0	0
ENSP0000252699	ENSG00000130402	ACTN4	892	1	1411	1779	0.0001007	0.0003782	0.3197407	0.01395244	0.1489705	310	99	83	74	86	170	112	111	91	248	120	118	76	60	75	98	128	101	99	124	94	123	88	135	118	155	110	93	73	69	
ENSP0000252711	ENSG00000130414	NDFJF10	1280	1	51	82	0.0001847	0.0001798	0.0411993	0.8510122	0.9524513	113	9	3	4	2	7	3	3	4	4	4	4	4	3	2	9	6	5	5	7	3	4	4	7	4	5	4	7	4	0	0
ENSP0000252725	ENSG00000130415	NDFJF11	1836	1	17	21	4.50e-05	0.0000000	0.1272727	0.4234984	0.9898194	88	6	15	4	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
ENSP0000252733	ENSG00000130479	MDJF5	1985	1270	11	40	3.98e-05	8.74e-05	-1.1351739	0.1881192	0.188723	51	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252785	ENSG00000130480	SCD2	1848	340	9	14	3.25e-05	3.96e-05	-0.2736774	0.4315145	0.1747397	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252809	ENSG00000130513	GF15	2741	1	51	18	1.81e-05	3.06e-05	-0.7591042	0.1414666	0.7200057	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252816	ENSG00000130522	LSM4	638	1	59	0	0.0001212	0.0004015	0.0000000	0.0000000	0.8564819	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252818	ENSG00000130522	JUND	6444	1374	3	16	1.08e-05	3.50e-05	-1.6887149	0.0235449	0.2031786	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252826	ENSG00000130529	TRPM4	6265	1	15	13	5.42e-05	2.84e-05	0.9327747	0.0647758	0.3276073	28	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252834	ENSG00000130529	CAMSPA1	5135	1	4	14	1.45e-05	3.06e-05	-1.0810323	0.2902423	0.6292784	18	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000252834	ENSG00000130530	ATXN10	5179	1	70	162	0.0002935	0.0003398																																		

ENSP0000254636,ENSP000001,ENSG00000132005	IMMT	5788	1	285	440	0.000103028	0.000961643	0.099978099	0.434823302	0.736678778	725	27	18	17	18	26	20	29	19	21	38	20	30	15	24	19	19	19	26	32	32	32	31	30	37	25	20	29	24	21		
ENSP0000387093,ENSP000001,ENSG00000132005	IMMT	5787	1	92	140	0.000032528	0.000035951	0.120001533	0.084860262	0.800277930	232	11	4	8	5	10	11	2	6	9	4	12	4	4	6	6	7	10	7	7	15	7	11	6	6	5	8	8				
ENSP0000254663,ENSP000001,ENSG00000132334	SCV	422	1	31	1	1.624094666					41	0	0	2	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000254672,ENSP000001,ENSG00000132334	PTPR	480	1	3	12	1.088205	2.6265	-2.376774	0.1878474	0.528999753	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000376716,R16G,ENSG00000132334	RAN	2209	1	198	176	0.000000427	0.00038457	-0.1183992	0.6177757	0.6863518	274	16	7	8	7	12	9	8	6	8	7	7	7	8	6	9	13	9	11	14	10	9	5	6	12	14	10	16	9	8		
ENSP0000254690,ENSP000001,ENSG00000132356	PKRAA1	4409	1	17	13	3.987405	3.7165	-0.9829177	0.83355819	0.94606774	28	1	1	1	1	2	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000320488,ENSP000001,ENSG00000132356	SRFB18	1324	1	94	158	0.000032068	0.000024639	0.000000000	0.000000000	0.000000000	27	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
ENSP0000370968,R194AG,ENSG00000132382	MYBBP1A	1895	1	14	47	5.066305	0.00001027	-1.0209113	0.04168618	0.2611770	61	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000370968,R970AW,ENSG00000132382	MYBBP1A	4065	1	7	22	5.33825	4.8105	-0.9257541	0.2537578	0.59407312	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000254719,ENSP000001,ENSG00000132382	MYBBP1A	4066	1	24	4	3.888305	9.6105	-0.148465	0.8172838	0.9213984	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000254719,ENSP000001,ENSG00000132382	MYBBP1A	2996	1	104	149	0.000037399	0.000000000	0.000000000	0.000000000	0.000000000	28	12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
ENSP0000254730,ENSP000001,ENSG00000132394	EFEFC	1499	1	335	11	4.668305	1.3105	1.6007911	0.03026734	0.22057424	17	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000373201,ENSG00000132423	TMEM128	2135	518	7	8	2.536305	1.7505	0.5367752	0.44296	0.7431724	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000254759,ENSP000001,ENSG00000132423	COG3	3170	217	27	45	9.760305	9.8405	-0.101643	0.9728266	0.989388	72	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ENSP000035942,ENSP000001,ENSG00000132423	SRFB18	1324	1	2	2.8405	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000254770,ENSP000001,ENSG00000132434	LANCL2	2608	1	33	60	0.0001193	0.0001193	0.1361739	0.6268591	0.8425419	93	3	1	1	5	3	5	2	1	2	1	6	1	3	2	1	3	5	4	4	5	4	1	1	7	4	3	1	3			
ENSP0000349536,ENSP000001,ENSG00000132436	FIGL1L	2458	1	11	12	3.988305	2.6265	0.6007911	0.0221137	0.7145767	23	0	0	2	1	0	1	1	1	1	1	1	1	0	0	0	2	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000254799,ENSP000001,ENSG00000132463	GSPF1	1337	1	47	97	0.0001591	0.00021295	-0.3190024	0.3154754	0.6465138	104	3	1	8	4	3	7	0	9	5	2	2	2	1	7	10	5	4	6	8	2	3	10	4	8	6	4	7				
ENSP000035942,ENSP000001,ENSG00000132467	SRFB18	1324	1	2	2.8405	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000254803,ENSP000001,ENSG00000132467	UTP3	534	1	74	0.0001265	0.00001619	0.3538478	0.4057263	0.7155698	0.9999999	50	5	0	5	0	1	2	1	1	1	1	1	1	1	1	1	3	4	6	3	6	8	0	3	7	1	2	2	4			
ENSP0000344079,ENSP000001,ENSG00000132470	ITGB4	1599	1	274	276	0.0000951	0.0000000	0.7158302	0.0748485	0.3490578	550	3	3	29	55	41	20	14	22	42	20	22	22	11	16	8	24	16	11	12	13	39	37	30	24	17	10	0	0	0	0	
ENSP0000200181,ENSP000001,ENSG00000132470	ITGB4	1598	1	275	270	0.0000943	0.0000000	0.7261229	0.0799873	0.3430727	550	3	3	29	55	41	20	14	22	42	20	22	11	16	8	24	16	11	12	13	39	37	30	24	17	10	0	0	0	0		
ENSP0000254806,ENSP000001,ENSG00000132481	TRIM47	1469	1	3	18	1.088305	1.938305	-0.1858399	0.8212502	0.3621365	101	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000395958,ENSP000001,ENSG00000132485	ZKSCAN2	1465	1	36	75	0.0001014	0.0001014	0.8836393	0.3325711	0.2388113	111	4	3	5	3	2	1	3	2	3	2	3	2	2	2	5	6	4	7	2	3	2	6	2	6	4	2	12	5			
ENSP0000387093,ENSP000001,ENSG00000132507	EFSAL1L	508	1	141	349	0.00005972	0.00007259	-0.5812093	0.0004372	0.021198827	490	14	10	10	14	15	16	11	6	11	14	9	9	17	19	17	18	21	19	22	16	12	9	14	17	24	25	20	27	21		
ENSP0000254846,ENSP000001,ENSG00000132541	HSP121	2913	956	6	8	2.176305	0.0000000	0.1312859	0.9783277	0.9000832	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000349685,ENSP000001,ENSG00000132549	VPS13B	5676	1	29	75	0.0000000	0.0000000	0.4311658	0.4150183	0.902106	108	5	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
ENSP0000378730,r376328,ENSG00000132549	FLJ12	5576	1	33	75	0.0001193	0.0001388	-0.458102	0.2372985	0.5711716	105	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
ENSP0000378730,ENSP000001,ENSG00000132549	FLJ12	5581	1	61	2	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000254928,ENSG00000132591	NR17	2930	1	16	24	5.788305	3.0625	0.1413609	0.7095396	0.8833909	47	4	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000254940,ENSP000001,ENSG00000132603	NR17	2177	1	3	14	1.088305	3.0625	-1.496098	0.1294967	0.44576414	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000254942,ENSG00000132604	TRAF4	2397	1	25	35	0.046305	7.6505	0.2409576	0.4849952	0.7368778	60	0	2	1	3	3	1	3	1	3	1	2	2	0	2	3	3	3	1	1												

ENSP000027820,ENSP000001,ENSG00000146909	NOM1	1135	1	27	46	9.76E-05	0.00010051	-0.0423519	0.92896285	0.97523131	73	6	0	2	2	0	1	3	0	0	6	2	5	1	1	0	0	3	3	3	1	2	4	4	0	0	1	7	5	6	
ENSP000034867,ENSP000001,ENSG00000146918	NCAP2	2055	259	10	25	3.62E-05	5.46E-05	-0.5996055	0.3007924	0.69324285	35	4	0	0	2	0	0	2	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP000037049,ENSP000001,ENSG00000146922	SHRDC2	2468	1	8	2	8.29E-05	0.00010051	-0.0423519	0.92896285	0.97523131	73	6	0	2	2	0	1	3	0 <td>0</td> <td>6</td> <td>2</td> <td>5</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> <td>3</td> <td>3</td> <td>1</td> <td>2</td> <td>4</td> <td>4</td> <td>0</td> <td>0</td> <td>1</td> <td>7</td> <td>5</td> <td>6</td>	0	6	2	5	1	1	0	0	3	3	1	2	4	4	0	0	1	7	5	6		
ENSP000034705,ENSP000001,ENSG00000146963	LCU7C	1488	1	142	265	0.00051333	0.00057904	-0.1737788	0.95311442	0.67705518	407	16	19	13	8	10	14	16	12	13	8	10	14	16	12	13	8	10	14	16	12	13	8	10	14	16	12	13	8	10	14
ENSP000036902,ENSP000001,ENSG00000147004	SHK8P1	5402	1	42	53	0.00013883	0.00011581	0.39071956	0.46741639	0.75970606	95	2	2	1	3	1	4	6	7	6	1	3	2	0	9	11	10	4	0	1	2	1	0	0	3	2	1	0	1	0	1
ENSP000032727,ENSP000001,ENSG00000147044	CAK	1607	1	44	53	0.00013883	0.00011581	0.39071956	0.46741639	0.75970606	95	2	2	1	3	1	4	6	7	6	1	3	2	0	9	11	10	4	0	1	2	1	0	0	3	2	1	0	1	0	1
ENSP000035348,ENSP000001,ENSG00000147054	NSN	852	1	162	85	0.00013883	0.00011581	0.39071956	0.46741639	0.75970606	95	2	2	1	3	1	4	6	7	6	1	3	2	0	9	11	10	4	0	1	2	1	0	0	3	2	1	0	1	0	1
ENSP000027662,ENSP000001,ENSG00000147123	NDUF81	1284	1	19	28	8.67E-05	6.12E-05	0.16689518	0.69549491	0.87740098	47	2	0	2	1	3	0	1	4	5	1	0	1	0	3	3	1	2	1	1	2	1	0	2	2	3	2	4	1	1	
ENSP000032845,ENSP000001,ENSG00000147130	ZMYX3	2171	1	24	19	8.68E-05	6.12E-05	0.16689518	0.69549491	0.87740098	47	2	0	2	1	3	0	1	4	5	1	0	1	0	3	3	1	2	1	1	2	1	0	2	2	3	2	4	1	1	
ENSP000027679,ENSP000001,ENSG00000147140	NDNO	1839	1	416	774	0.00150384	0.00191294	-0.1694274	0.2673334	0.60684477	1190	55	24	30	26	40	26	8	32	11	27	39	24	22	42	40	36	35	55	66	37	41	42	62	40	76	39	44			
ENSP000036285,ENSP000001,ENSG00000147164	SNX12	4083	1	29	80	0.00014044	0.00012194	0.02149118	0.96051953	0.96051953	1190	55	24	30	26	40	26	8	32	11	27	39	24	22	42	40	36	35	55	66	37	41	42	62	40	76	39	44			
ENSP000032148,ENSP000001,ENSG00000147202	DIAPH2	1275	1	23	28	8.31E-05	6.12E-05	0.44252963	0.33488126	0.66662441	54	0	1	3	4	2	3	0	5	3	0	0	0	2	1	0	2	1	4	1	3	2	0	1	0	3	3	0	3	0	
ENSP0000361496	PPR11L,PR	1724	1	19	19	8.18E-05	4.15E-05	-0.1996786	0.0597525	0.31409905	21	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000361512	PPR11L,PR	1724	1	24	71	0.00015554	0.00015554	-0.383442	0.0295464	0.20405766	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000359645	RBMX	3979	1	153	203	0.000551	0.0004573	0.3183452	0.1845579	0.52650703	356	11	6	9	15	16	7	18	14	8	16	17	16	11	8	4	37	11	16	13	12	7	22	10	9	15	9	12	11		
ENSP0000359297	NSDLH	3098	1	58	85	0.00020967	0.00018573	0.17491265	0.4499266	0.74178337	143	8	3	15	16	5	4	7	6	3	3	0	0	2	7	2	5	3	4	6	7	3	6	5	6	5	3	8	5		
ENSP0000359291,AZ7D	ZNF185	2195	1	22	23	7.95E-05	5.03E-05	0.06219225	0.3057691	0.64747433	45	2	0	0	0	1	0	1	0	1	0	0	0	2	4	2	3	1	3	1	7	1	0	0	0	0	0	0	0		
ENSP0000359300	CETN2	6362	1351	12	18	4.34E-05	3.93E-05	0.14136009	0.7782445	0.91835016	30	1	1	1	0	0	1	1	3	2	0	0	0	2	0	2	0	2	1	1	2	1	2	0	1	0	2	2	0	0	
ENSP000027630,ENSP000001,ENSG00000147416	ATP6B1B2	566	1	65	94	0.00024388	0.00024388	0.19410155	0.2987045	0.63770676	159	8	6	7	8	7	4	2	3	5	3	4	3	4	3	6	5	4	6	4	6	4	2	3	9	7	8	6	5		
ENSP0000348933,ENSP000001,ENSG00000147419	CCDC25	2871	1	15	24	5.42E-05	5.46E-05	-0.1018643	0.97934097	0.97934097	149	8	0	0	0	0	0	0	0	0	0	0	0	1	2	3	2	1	1	1	1	0	0	0	0	0	0	0	0	0	
ENSP0000361516	ZNF185	2195	1	202	6	1.21E-05	0.00012194	0.02149118	0.96051953	0.96051953	1190	55	24	30	26	40	26	8	32	11	27	39	24	22	42	40	36	35	55	66	37	41	42	62	40	76	39	44			
ENSP000032449,ENSP000001,ENSG00000147457	CHMP7	5228	1	9	21	3.25E-05	4.59E-05	0.4906688	0.46717186	0.75970606	17	2	1	0	4	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000276440,ENSP000001,ENSG00000147459	DZK3	2248	1	4	13	1.45E-05	2.84E-05	0.49741171	0.26309762	0.60365432	10	1	2	0	0	0	0	0	0	0	0	0	0	1	2	1	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000333551,ENSP000001,ENSG00000147471	PRDC5	1585	373	13	42	7.07E-05	9.18E-05	0.9655551	0.06439599	0.32056688	95	2	1	3	1	0	2	0	0	0	0	0	0	2	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENSP0000276641	NSN	852	1	84	2	0.00013883	0.00011581	0.39071956	0.46741639	0.75970606	95	2	2	1	3	1	4	6	7	6	1	3	2	0	9	11	10	4	0	1	2	1	0	0	3	2	1	0	1	0	1
ENSP0000276487,ENSP000001,ENSG00000147527	LYN	5275	1	30	68	0.00010485	0.00010485	0.4542497	0.17039717	0.55081288	88	4	4	1	4	5	2	3	1	2	1	1	5	4	1	2	5	5	2	3	9	4	5	5	1	3	6	3			
ENSP0000321703,ENSP000001,ENSG00000147528	TACC1	5251	1	42	70	0.00015183	0.00015183	-0.01643	0.97851863	0.91919489	111	17	6	1	0	2	3	0	3	4	3	2	5	6	1	1	0	5	7	3	8	6	7	0	0	2	4	2	4		
ENSP0000276530,ENSP000001,ENSG00000147533	GOLGA7	4445	971	4	14	1.45E-05	3.06E-05	-0.1081023	0.2167051	0.44868391	118	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000276530,ENSP000001,ENSG00000147533	GOLGA7	4445	971	4	14	1.45E-05	3.06E-05	-0.1081023	0.2167051	0.44868391	118	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000276533,ENSP000001,ENSG00000147536	GN5A	3986	899	6	21	2.17E-05	4.59E-05	-0.1081023	0.1013675	0.39455144	27	2	2	0	1	0	0	0	0	0	0	0	0	0	2	2	0	2	1	3	0	0	0	0	0	0	0	0	0	0	
ENSP0000313983	WHSCL11	6399	1	1	16	3.26E-06	5.03E-05	-0.3277604	0.0222291	0.0579113	17	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000276585,ENSP000001,ENSG00000147586	MHP28	4957	1074	18	25	6.51E-05	5.46E-05	0.252194	0.32921	0.65263206	41	1	3	1	3	2	1	3	2	2	2	2	2	1	3	2	1	3	2	1	2	1	2	2	2	2	2	2	2	2	
ENSP0000276591	NSN	852	1	108	20	5.90E-05	0.00012194	0.02149118	0.96051953	0.96051953	1190	55	24	30	26	40	26	8	32	11	27	39	24	22	42	40	36	35	55	66	37	41	42	62	40	76					

ENSP000035571,ENSP000003,ENSG00000168275	C1orf11	572	1	28	47	0.00010122	0.00010027	-0.0209113	0.95962646	0.98271232	75	2	2	0	3	1	3	2	2	2	5	4	1	3	1	3	2	1	2	2	1	3	5	2	3	5	1	5	6	3	
ENSP000037241,ENSP000003,ENSG00000168291	P0HB	525	1	143	249	0.00051095	0.00004482	-0.177880	0.67546442	0.86996411	392	20	12	18	6	8	14	8	16	5	23	8	12	6	5	10	10	18	10	12	15	11	16	12	17	23	24	16	19	13	14
ENSP000038712,ENSP000003,ENSG00000168307	CFCD	578	1	7	5	2.514207	0.00000000	0.00000000	0.00000000	0.00000000	104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ENSP000039010,ENSP000003,ENSG00000168374	ARF4	4919	1	163	280	0.00059295	0.00001182	-0.0542323	0.78470448	0.92139844	443	30	9	18	13	19	15	16	5	10	21	0	7	14	5	16	16	11	16	20	16	12	15	9	25	16	25	12	11		
ENSP000039425,ENSP000003,ENSG00000168385	SEPT2	3478	1	101	167	0.00008512	0.00003691	0.22882225	0.99662399	0.99596811	268	16	9	6	7	11	5	12	10	7	9	4	5	8	5	9	12	9	7	10	11	6	14	8	6	12	10	14	9		
ENSP000039780,ENSP000003,ENSG00000168386	FUPL1	9453	1	12	17	4.846355	3.71e-05	0.00029225	0.55519188	0.81404616	29	3	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	1	1	1	1	1	0	1	0	1	0		
ENSP000039544,ENSP000003,ENSG00000168387	COG7	1517	1	36	17	6.062155	3.77e-05	0.44621442	0.92773232	0.92773232	104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ENSP000039544,ENSP000003,ENSG00000168343	COG7	1516	1	356	18	0.611505	4.37E-05	0.5741955	0.25012267	0.59059874	38	0	0	0	0	2	3	4	1	3	0	1	2	0	0	2	2	1	1	1	1	1	0	1	0	2	2	1	0	0	
ENSP000039370,ENSP000003,ENSG00000168338	COC40	4252	1	27	57	9.746e-05	0.00012455	-0.3516799	0.36438873	0.68846346	84	6	1	3	3	1	5	0	3	1	0	3	1	4	5	2	1	2	1	0	2	1	0	2	3	2	2	3	1	2	
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914	30	17	24	25	23	25	19	29	28	15	22	16	22	16	27	36	25	39	32	31	21	22	19	55	21	55	58			
ENSP000039146,ENSP000003,ENSG00000168349	STYF1	4817	1	294	60	0.00106281	0.00139844	-0.3993812	0.0181688	0.17225858	914																														

ENSP0000332198	ENSG00000182117	NP010	4000	1	19	51	6.87E-05	0.0001144	-0.6981752	0.0211629	0.1857253	70	2	1	1	1	3	1	1	1	1	2	1	4	2	3	2	2	5	1	3	4	1	3	2	3	3	5	2	5	4	1	1	
ENSP0000335712	ENSG00000182134	TRKH1	4003	1	6	9	1.76E-05	1.97E-05	0.4112009	0.8246299	0.9430083	15	1	0	1	0	0	0	0	0	0	0	1	1	1	0	2	1	0	1	0	0	1	1	0	1	1	0	1	0	1	0	1	1
ENSP0000336048	ENSG00000182154	MRP1A1	4007	1	16	2	2.17E-05	0.28E-05	0.3891546	0.0000000	0.0000000	16	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000336048	ENSG00000182154	MRP1A1	4003	1345	16	1	5.78E-05	8.96E-05	0.6132600	0.0749818	0.3490576	18	1	1	0	2	2	1	3	2	3	0	0	0	1	1	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ENSP0000337487	ENSG00000182173	TSEN54	4676	1013	1	12	3.66E-05	2.62E-05	-2.8586399	0.0261652	0.205451	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000338140	ENSG00000182247	UBE2T2	781	1	10	8	3.62E-05	1.75E-05	1.0482568	0.0815337	0.4849118	18	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000338140	ENSG00000182247	UBE2T2	781	41	16	5	2.48E-05	5.64E-05	0.0884664	0.0710331	0.9621873	41	5	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENSP0000338181	ENSG00000182307	Cbr3f3	794	192	1	11	3.62E-05	2.46E-05	-2.73109	0.0242023	0.2005808	12	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ENSP0000338294	ENSG00000182317	SMRT2	1808	1	1	4	1.45E-05	0.0000000	0.0000000	0.0000000	0.0000000	1808	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ENSP0000338340	ENSG00000182446	NFLOC4	367	1	4	81	0.0002502	0.0001799	0.3172099	0.1303637	0.0447826	142	7	5	6	0	6	3	7	8	6	1	4	3	3	5	6	7	3	4	4	2	2	4	5	5	8	7	5	7				
ENSP0000338340	ENSG00000182446	NFLOC4	367	1	69	90	0.0004944	0.0001966	0.3429935	0.0960305	0.3860763	159	8	5	7	5	8	4	7	8	6	2	1	3	3	6	7	8	2	5	4	3	2	4	5	5	5	9	6	8	8			
ENSP0000338380	ENSG00000182473	EXOC7	386	1	5	5	5.04E-05	0.0001799	0.3487087	0.3654028	0.6889964	79	3	1	4	2	2	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
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ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4	0.0001193	0.0001979	0.4502100	0.0402100	0.9804573	87	4	1	2	1	2	1	2	2	5	3	1	3	3	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2		
ENSP0000338570	ENSG00000182534	GURS	823	3	23	4																																						

