

Table S6 - EGA4 super-group DEGs

Ensembl ID	Symbol	GeneName	FPKM <sup>a</sup>				MII:8-Cell		8-Cell:Morula		Morula:Blast		Sub-Group
			MIl	8Cell	Morula	Exp. Blast	L2FC <sup>b</sup>	FDR <sup>c</sup>	L2FC	FDR	L2FC	FDR	
ENSMMUG00000008350			2.12	3.80	0.87	8.04	-1.85	3.97E-01	-2.04	3.46E-01	7.62	1.95E-04	EGA4-1
ENSMMUG000000015174	DFFB	DNA Fragmentation Factor Subunit Beta	0.28	0.25	3.85	1.08	0.08	9.71E-01	0.09	9.69E-01	4.63	1.11E-02	EGA4-1
ENSMMUG000000023382	EPHB2	EPH Receptor B2	0.04	0.06	0.21	1.07	-0.16	9.55E-01	2.18	2.54E-01	4.71	2.09E-02	EGA4-1
ENSMMUG000000019549			0.45	0.58	0.75	3.84	-1.50	4.02E-01	0.64	7.58E-01	5.96	4.07E-04	EGA4-1
ENSMMUG000000004216	FUCA1	Alpha-L-fucosidase 1	12.92	16.11	21.21	54.48	-0.04	9.72E-01	0.35	6.92E-01	1.98	1.74E-02	EGA4-1
ENSMMUG000000012328	SLC30A2	Solute Carrier Family 30 Member 2	0.06	0.51	0.59	9.30	2.01	1.39E-01	-0.22	9.04E-01	4.31	2.42E-03	EGA4-1
ENSMMUG000000006221	PRDX1	Peroxiredoxin 1	20.61	34.23	28.20	79.90	0.49	4.54E-01	-0.33	6.36E-01	1.47	3.22E-02	EGA4-1
ENSMMUG000000019081			0.83	3.44	0.33	0.53	0.17	9.41E-01	-2.78	7.10E-02	4.22	2.89E-02	EGA4-1
ENSMMUG000000022763	TACSTD2	Tumor Associated Calcium Signal Transducer 2	0.06	0.01	0.45	10.71	-3.08	2.27E-01	1.70	5.55E-01	9.61	1.27E-04	EGA4-1
ENSMMUG000000003264	LEPROT	Leptin Receptor Overlapping Transcript	4.27	2.30	1.12	3.80	-2.91	5.57E-02	-0.28	8.99E-01	3.91	4.51E-02	EGA4-1
ENSMMUG000000000647	C1H1orf141	Chromosome 1 Open Reading Frame, Human C1orf141	1.24	0.59	0.27	1.09	-1.83	2.79E-01	-1.69	3.31E-01	4.33	2.30E-02	EGA4-1
ENSMMUG000000006836	CLCA1	Chloride Channel Accessory 1	0.10	0.13	0.43	8.15	-2.01	3.27E-01	1.98	3.54E-01	4.55	3.86E-02	EGA4-1
ENSMMUG000000017383	LMO4	LIM Domain Only 4	16.23	6.15	5.78	16.15	-1.60	2.49E-01	-1.64	2.38E-01	4.07	8.60E-03	EGA4-1
ENSMMUG000000001686	SLC44A3	Solute Carrier Family 44 Member 3	1.84	0.57	0.76	9.95	-1.62	3.68E-01	-1.23	5.09E-01	5.19	3.89E-03	EGA4-1
ENSMMUG0000000031908	AMY2B	Amylase, Alpha 2B (pancreatic)	0.20	0.36	0.37	1.12	-0.48	8.58E-01	-0.81	7.43E-01	5.41	1.56E-02	EGA4-1
ENSMMUG0000000015671	RHOC	Ras Homolog Family Member C	2.21	0.46	1.39	9.80	-1.70	2.78E-01	-0.03	9.89E-01	3.87	2.48E-02	EGA4-1
ENSMMUG000000000431	MAB21L3	Mab-21 Like 3	0.00	0.00	0.13	2.68	1.19	6.07E-01	0.22	9.34E-01	8.84	2.60E-07	EGA4-1
ENSMMUG000000008157	IGSF3	Immunoglobulin Superfamily Member 3	0.95	1.80	3.40	8.75	0.20	8.93E-01	0.35	7.89E-01	3.14	4.42E-03	EGA4-1
ENSMMUG0000000045190	S100A10	S100 Calcium Binding Protein A10	3.75	17.05	16.35	78.53	1.89	1.25E-01	-0.41	7.99E-01	3.36	1.62E-02	EGA4-1
ENSMMUG0000000045106	S100A16	S100 Calcium Binding Protein A16	0.07	0.62	1.30	12.23	1.22	4.56E-01	1.11	4.94E-01	4.15	1.11E-02	EGA4-1
ENSMMUG000000008144	S100A13	S100 Calcium Binding Protein A13	0.27	0.03	0.31	3.69	-2.66	3.62E-01	-0.24	9.54E-01	6.91	2.90E-02	EGA4-1
ENSMMUG0000000040605			0.24	0.88	1.45	7.48	-0.03	9.89E-01	0.26	9.10E-01	5.81	9.88E-04	EGA4-1
ENSMMUG0000000005092	ARHGEF2	Rho/Rac Guanine Nucleotide Exchange Factor 2	0.47	0.59	1.25	4.07	-1.03	5.18E-01	0.93	5.65E-01	4.14	8.03E-03	EGA4-1
ENSMMUG0000000022306	RAB25	RAB25, Member RAS Oncogene Family	6.12	2.19	4.57	88.82	-2.44	5.82E-02	1.47	2.92E-01	3.73	1.26E-02	EGA4-1
ENSMMUG0000000002001	TSTD1	Thiosulfate Sulfurtransferase Like Domain Containing 1	0.67	0.14	0.54	8.30	-1.45	6.42E-01	-0.47	8.93E-01	#####	1.47E-11	EGA4-1
ENSMMUG0000000042745			0.01	0.27	0.37	6.68	1.73	3.42E-01	1.75	2.79E-01	6.90	2.49E-05	EGA4-1
ENSMMUG0000000013884	IVNS1ABP	Influenza Virus NS1A Binding Protein	10.22	8.20	9.15	21.38	0.25	7.92E-01	-0.46	5.81E-01	1.95	1.80E-02	EGA4-1
ENSMMUG0000000001479	LAMC2	Laminin Subunit Gamma 2	0.29	0.54	1.47	4.65	-0.53	7.90E-01	-2.51	1.04E-01	5.49	6.85E-04	EGA4-1
ENSMMUG0000000006261	TOR3A	Torsin Family 3 Member A	0.50	0.13	0.79	3.33	-3.04	9.43E-02	1.78	3.74E-01	4.39	4.21E-02	EGA4-1
ENSMMUG0000000000546	KIAA0040	KIAA0040 Ortholog	0.95	1.25	0.92	12.37	-0.47	8.02E-01	-1.97	1.85E-01	3.95	1.64E-02	EGA4-1
ENSMMUG0000000012716	NID1	Nidogen 1	0.65	1.34	1.61	11.95	1.61	2.63E-01	-1.77	2.07E-01	3.97	9.40E-03	EGA4-1
ENSMMUG0000000005668	KMO	Kynurenine 3-monooxygenase	0.01	0.04	0.06	1.46	2.53	4.01E-01	-0.74	8.28E-01	7.34	1.17E-02	EGA4-1
ENSMMUG0000000011424	EFCAB2	EF-hand Calcium Binding Domain 2	4.77	2.71	2.06	5.57	-1.40	2.59E-01	-0.86	5.25E-01	3.33	1.52E-02	EGA4-1
ENSMMUG0000000046911	LOC100428218	Olfactory Receptor 2L8-like	0.52	1.17	1.74	0.50	0.43	8.87E-01	-1.34	6.11E-01	6.19	1.01E-02	EGA4-1
ENSMMUG0000000039964			0.29	0.07	0.13	1.88	-2.00	3.90E-01	0.09	9.79E-01	6.68	5.42E-03	EGA4-1
ENSMMUG0000000000075	LRRCS8	Leucine Rich Repeat Containing 58	0.62	1.60	2.44	8.26	-0.20	9.28E-01	-0.71	7.06E-01	5.51	7.27E-04	EGA4-1
ENSMMUG0000000001048	EAF2	ELL Associated Factor 2	0.35	1.44	2.75	5.31	1.08	6.28E-01	1.17	5.76E-01	4.95	1.79E-02	EGA4-1
ENSMMUG0000000018445	WNT7A	Wnt Family Member 7A	0.00	0.04	0.24	1.21	3.15	3.20E-01	-0.81	8.29E-01	7.08	3.24E-02	EGA4-1
ENSMMUG0000000009693	SUCLG2	Succinate-CoA Ligase GDP-forming Beta Subunit	3.06	2.93	1.72	10.57	0.53	7.16E-01	-1.74	1.36E-01	4.33	3.96E-04	EGA4-1
ENSMMUG0000000046170			0.04	0.13	0.16	0.86	5.29	3.66E-01	-7.36	1.73E-01	#####	4.23E-02	EGA4-1
ENSMMUG0000000010498	HEMK1	HemK Methyltransferase Family Member 1	0.47	0.34	0.26	1.31	-0.94	6.26E-01	-0.35	8.77E-01	4.45	2.13E-02	EGA4-1

ENSMMUG00000015418	SLC25A20	Solute Carrier Family 25 Member 20	0.19	0.87	2.30	2.89	1.23	4.94E-01	2.47	9.60E-02	3.66	4.98E-02	EGA4-1
ENSMMUG00000003074	PLXNB1	Plexin B1	0.05	0.05	0.23	1.26	-1.05	6.45E-01	1.40	5.12E-01	5.33	1.15E-02	EGA4-1
ENSMMUG00000045278	ACKR2	Atypical Chemokine Receptor 2	0.02	0.07	0.27	2.56	0.31	8.93E-01	2.84	5.16E-02	4.22	1.31E-02	EGA4-1
ENSMMUG00000002953	MAGEF1	MAGE Family Member F1	0.13	0.73	1.64	1.57	1.89	3.61E-01	0.74	7.40E-01	5.68	4.24E-03	EGA4-1
ENSMMUG00000018530	LOC706634	Glutathione S-transferase Theta-2B	0.62	0.10	0.33	2.33	-3.73	8.50E-02	-0.48	8.75E-01	5.86	1.83E-02	EGA4-1
ENSMMUG00000003541	B3GALNT1	Beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside Blood Group)	15.00	5.65	6.59	7.80	-1.50	1.70E-01	-1.02	3.78E-01	2.59	4.49E-02	EGA4-1
ENSMMUG000000038641			0.43	3.14	0.08	1.32	0.40	9.26E-01	-4.64	1.10E-01	8.92	6.18E-03	EGA4-1
ENSMMUG000000038292			0.76	1.91	0.20	3.63	2.84	2.98E-01	-1.44	6.27E-01	6.71	2.29E-02	EGA4-1
ENSMMUG00000009010	CRTAP	Cartilage Associated Protein	3.23	2.32	3.98	20.47	-2.28	1.07E-01	0.07	9.71E-01	4.69	1.88E-03	EGA4-1
ENSMMUG00000000949	FGF12	Fibroblast Growth Factor 12	2.86	0.97	2.68	3.10	-3.30	5.41E-02	0.35	8.85E-01	6.52	5.39E-04	EGA4-1
ENSMMUG00000002722	LOC722784	SH3 Domain And Tetratricopeptide Repeat-containing Protein 1-like	2.97	2.72	1.48	3.16	-0.45	7.46E-01	-1.88	8.23E-02	2.71	4.17E-02	EGA4-1
ENSMMUG000000039566	LOC106998240	Putative MORF4 Family-associated Protein 1-like Protein UPP	0.15	0.09	1.24	2.95	-1.15	5.65E-01	0.70	7.52E-01	6.35	5.21E-04	EGA4-1
ENSMMUG000000045562	BLOC1S4	Biogenesis Of Lysosomal Organelles Complex 1 Subunit 4	2.42	1.41	0.49	3.19	-3.23	5.66E-02	-0.61	7.92E-01	6.00	1.77E-03	EGA4-1
ENSMMUG00000015808			0.48	0.60	1.45	0.19	-2.49	3.20E-01	-0.90	7.65E-01	6.39	2.66E-02	EGA4-1
ENSMMUG00000022311	PLAC8	Placenta Specific 8	0.01	0.08	7.02	54.26	3.42	5.52E-02	2.80	9.01E-02	4.91	5.21E-03	EGA4-1
ENSMMUG000000020913	SCARB2	Scavenger Receptor Class B Member 2	4.50	8.43	4.43	21.18	-0.94	5.41E-01	-0.46	7.88E-01	4.47	1.61E-03	EGA4-1
ENSMMUG000000044223			34.54	17.44	11.22	30.89	-0.86	4.49E-01	-1.43	1.70E-01	2.65	2.87E-02	EGA4-1
ENSMMUG000000008793	SPP1	Secreted Phosphoprotein 1	0.47	0.07	0.05	0.97	-1.96	6.11E-01	-2.72	4.60E-01	9.76	6.81E-03	EGA4-1
ENSMMUG000000008797	ABCG2	ATP Binding Cassette Subfamily G Member 2 (Junior Blood Group)	0.31	0.07	0.47	5.56	-2.29	1.41E-01	-1.47	4.17E-01	6.50	5.63E-05	EGA4-1
ENSMMUG000000022246	PDLIM5	PDZ And LIM Domain 5	2.39	3.01	6.50	16.40	0.17	8.51E-01	0.89	1.71E-01	1.79	1.52E-02	EGA4-1
ENSMMUG00000016880	SLC39A8	Solute Carrier Family 39 Member 8	0.19	0.13	1.39	17.72	-1.56	3.26E-01	2.67	5.76E-02	6.81	1.37E-06	EGA4-1
ENSMMUG000000003736	NFKB1	Nuclear Factor Kappa B Subunit 1	0.51	0.25	0.53	2.29	-1.78	1.81E-01	-0.98	5.16E-01	5.85	1.54E-05	EGA4-1
ENSMMUG00000017004	PPA2	Pyrophosphatase (inorganic) 2	0.45	0.65	2.02	10.56	0.90	6.23E-01	0.63	7.42E-01	4.70	5.54E-03	EGA4-1
ENSMMUG00000017831	TET2	Tet Methylcytosine Dioxygenase 2	6.42	8.16	15.00	94.39	-0.01	9.93E-01	0.75	4.12E-01	2.85	1.27E-03	EGA4-1
ENSMMUG000000005517	ENPEP	Glutamyl Aminopeptidase	0.36	0.25	1.34	31.15	-1.12	4.20E-01	-1.58	2.41E-01	9.35	3.76E-15	EGA4-1
ENSMMUG000000004371			0.07	0.36	0.44	3.24	2.27	2.90E-01	-0.38	8.84E-01	6.14	4.25E-03	EGA4-1
ENSMMUG000000004977	TMEM184C	Transmembrane Protein 184C	32.57	29.37	22.70	56.66	-0.30	6.52E-01	-0.63	2.71E-01	1.44	2.46E-02	EGA4-1
ENSMMUG000000022900	PDGFC	Platelet Derived Growth Factor C	2.12	0.93	1.64	11.03	-0.15	9.45E-01	-1.50	3.62E-01	6.54	3.03E-05	EGA4-1
ENSMMUG000000004448	TMEM144	Transmembrane Protein 144	3.43	0.51	0.64	4.84	-1.21	5.66E-01	-3.25	7.65E-02	7.50	9.74E-05	EGA4-1
ENSMMUG0000000039955	MSMO1	Methylsterol Monoxygenase 1	1.39	1.78	2.45	9.11	1.04	2.65E-01	-0.38	7.34E-01	2.45	1.54E-02	EGA4-1
ENSMMUG00000010967	TRIML2	Tripartite Motif Family Like 2	5.32	6.65	12.22	35.04	-0.09	9.47E-01	0.49	6.66E-01	2.43	2.60E-02	EGA4-1
ENSMMUG00000002083			59.41	40.01	60.64	#####	-0.59	3.19E-01	0.14	8.52E-01	1.61	9.88E-03	EGA4-1
ENSMMUG00000018079	TMPRSS3	Transmembrane Protease, Serine 3	0.02	0.10	0.08	2.10	1.02	6.89E-01	0.60	8.17E-01	7.46	3.82E-04	EGA4-1
ENSMMUG00000018043	RIPK4	Receptor Interacting Serine/threonine Kinase 4	0.01	0.06	0.61	1.98	1.97	3.30E-01	1.64	3.74E-01	4.24	2.99E-02	EGA4-1
ENSMMUG00000014384	APP	Amyloid Beta Precursor Protein	3.79	8.77	8.19	62.62	1.42	2.00E-01	-0.82	4.94E-01	4.06	2.26E-04	EGA4-1
ENSMMUG00000019005	TTYH3	Tweety Family Member 3	0.49	0.57	1.44	7.92	-0.21	9.07E-01	-0.48	7.60E-01	3.11	2.99E-02	EGA4-1
ENSMMUG000000020088	STYXL1	Serine/threonine/tyrosine Interacting Like 1	0.58	0.33	0.52	0.62	-0.90	7.10E-01	-3.36	8.20E-02	6.64	1.19E-03	EGA4-1
ENSMMUG000000011173	TWIST1	Twist Family BHLH Transcription Factor 1	0.13	0.11	0.32	4.62	-1.49	5.45E-01	-2.69	2.46E-01	8.61	1.43E-04	EGA4-1
ENSMMUG000000007470	CDK14	Cyclin Dependent Kinase 14	0.12	0.10	0.27	1.46	-1.25	4.67E-01	-0.01	9.96E-01	5.97	2.72E-04	EGA4-1
ENSMMUG000000038190	LOC703490	Lanosterol 14-alpha Demethylase	2.83	6.49	2.81	7.71	0.86	4.20E-01	-1.68	6.96E-02	2.37	3.79E-02	EGA4-1
ENSMMUG000000039654	COL1A2	Collagen Type I Alpha 2 Chain	0.01	0.01	0.07	2.77	1.85	4.70E-01	-1.26	6.28E-01	9.91	2.16E-06	EGA4-1
ENSMMUG000000008014	PON2	Paraoxonase 2	2.56	3.58	4.26	9.28	0.65	6.93E-01	-1.06	4.80E-01	5.02	4.24E-04	EGA4-1
ENSMMUG000000005250	SLC25A13	Solute Carrier Family 25 Member 13	2.36	0.57	3.57	12.50	-1.69	1.72E-01	0.61	6.81E-01	3.04	3.19E-02	EGA4-1
ENSMMUG000000007375	EPHB4	EPH Receptor B4	0.40	1.89	0.36	2.39	-1.20	4.47E-01	-2.65	5.79E-02	7.33	3.21E-07	EGA4-1
ENSMMUG000000019593	SYPL1	Synaptophysin Like 1	3.48	8.36	7.42	19.51	1.15	2.53E-01	-0.40	7.38E-01	3.15	2.05E-03	EGA4-1
ENSMMUG000000002439	WNT16	Wnt Family Member 16	0.01	0.01	0.81	9.84	-0.33	9.17E-01	-0.16	9.62E-01	9.54	2.25E-06	EGA4-1
ENSMMUG000000038073			0.18	2.45	18.56	#####	3.21	1.40E-01	1.22	5.90E-01	6.64	1.13E-03	EGA4-1
ENSMMUG000000019358	AHCYL2	Adenosylhomocysteinase Like 2	1.19	0.78	0.64	5.56	-0.83	4.64E-01	-0.29	8.31E-01	3.47	1.28E-03	EGA4-1

ENSMMUG00000010134	ARHGEF5	Rho Guanine Nucleotide Exchange Factor 5	2.61	0.84	0.50	1.79	-1.99	8.03E-02	-1.05	4.09E-01	2.84	4.17E-02	EGA4-1
ENSMMUG00000022633	REPIN1	Replication Initiator 1	5.30	1.11	2.11	3.08	-2.26	7.29E-02	-1.23	3.79E-01	3.40	2.40E-02	EGA4-1
ENSMMUG00000008596	TMEM176B	Transmembrane Protein 176B	0.60	1.07	1.06	1.52	-1.81	4.00E-01	-1.59	4.64E-01	6.19	3.58E-03	EGA4-1
ENSMMUG00000043576			0.69	3.22	0.51	1.34	-0.20	9.75E-01	-6.68	1.27E-01	#####	4.80E-02	EGA4-1
ENSMMUG00000022423			0.09	0.60	0.10	1.02	1.28	5.93E-01	-1.50	5.24E-01	5.10	3.62E-02	EGA4-1
ENSMMUG00000001226	HMGCS1	3-hydroxy-3-methylglutaryl-CoA Synthase 1	15.61	21.58	33.95	93.23	0.35	7.60E-01	-1.14	2.13E-01	2.83	3.44E-03	EGA4-1
ENSMMUG000000011734	NNT	Nicotinamide Nucleotide Transhydrogenase	0.26	0.34	0.39	6.24	-1.88	1.73E-01	-0.73	6.54E-01	7.38	7.13E-09	EGA4-1
ENSMMUG00000000399	KIF2A	Kinesin Family Member 2A	3.08	2.74	6.49	15.25	0.10	8.90E-01	0.90	7.29E-02	1.72	1.97E-03	EGA4-1
ENSMMUG00000022988	F2RL2	Coagulation Factor II Thrombin Receptor Like 2	0.01	0.01	0.15	1.89	0.34	9.01E-01	2.00	2.81E-01	6.86	1.41E-04	EGA4-1
ENSMMUG00000042643	GPX3	Glutathione Peroxidase 3	7.47	6.78	0.85	3.02	-2.09	1.75E-01	-1.69	2.91E-01	3.66	4.61E-02	EGA4-1
ENSMMUG00000021053	ANXA6	Annexin A6	2.35	0.97	1.82	11.83	-1.34	3.52E-01	0.49	7.78E-01	5.42	7.20E-05	EGA4-1
ENSMMUG00000001850	SPARC	Secreted Protein Acidic And Cysteine Rich	5.76	0.80	0.61	5.10	-2.26	6.40E-02	-2.27	6.40E-02	5.23	3.82E-05	EGA4-1
ENSMMUG000000022891	DBN1	Drebrin 1	0.57	2.02	2.59	2.10	1.19	4.40E-01	-1.17	4.47E-01	3.34	4.68E-02	EGA4-1
ENSMMUG00000043046			0.08	0.00	0.17	1.72	-13.32	5.40E-02	-2.59	7.76E-01	#####	6.91E-06	EGA4-1
ENSMMUG00000010208	NRN1	Neuritin 1	0.13	0.01	0.08	1.22	-1.13	6.82E-01	2.16	3.66E-01	5.49	2.20E-02	EGA4-1
ENSMMUG00000048362			0.07	0.09	1.26	1.72	-0.04	9.86E-01	1.26	4.30E-01	4.29	7.59E-03	EGA4-1
ENSMMUG00000020040	PHACTR1	Phosphatase And Actin Regulator 1	0.61	0.11	0.05	1.56	-2.84	1.12E-01	-1.51	4.70E-01	4.92	2.36E-02	EGA4-1
ENSMMUG00000004732	BTN2A2	Butyrophilin Subfamily 2 Member A2	0.30	0.28	0.15	0.81	-0.92	7.35E-01	-1.65	4.93E-01	8.01	4.24E-04	EGA4-1
ENSMMUG00000007227	ZSCAN26	Zinc Finger And SCAN Domain Containing 26	4.08	2.23	0.90	1.68	-1.17	3.83E-01	-1.75	1.57E-01	3.61	1.07E-02	EGA4-1
ENSMMUG00000015682			1.52	1.17	0.18	2.30	-0.23	9.37E-01	-3.06	1.21E-01	6.14	4.64E-03	EGA4-1
ENSMMUG000000011304	PSMB9	Proteasome Subunit Beta 9	0.01	2.10	0.04	0.65	2.39	3.85E-01	-2.56	3.41E-01	6.15	4.54E-02	EGA4-1
ENSMMUG00000014508	KCTD20	Potassium Channel Tetramerization Domain Containing 20	0.66	0.60	0.73	2.98	-0.11	9.47E-01	-1.02	4.45E-01	3.48	1.35E-02	EGA4-1
ENSMMUG000000011670	PTK7	Protein Tyrosine Kinase 7 (inactive)	0.31	0.62	0.65	5.05	0.68	6.88E-01	-0.48	7.86E-01	4.60	1.65E-03	EGA4-1
ENSMMUG000000000815	FAM83B	Family With Sequence Similarity 83 Member B	0.18	0.52	1.17	9.21	2.10	6.10E-02	-1.27	2.94E-01	4.24	3.82E-04	EGA4-1
ENSMMUG000000005032	MYO6	Myosin VI	11.05	5.08	2.87	17.18	-1.20	9.82E-02	-1.25	7.96E-02	2.66	4.89E-04	EGA4-1
ENSMMUG00000046434	SH3BGL2	SH3 Domain Binding Glutamate Rich Protein Like 2	8.91	12.02	35.07	#####	0.42	6.95E-01	1.33	1.19E-01	2.43	1.33E-02	EGA4-1
ENSMMUG00000012592	ME1	Malic Enzyme 1	0.98	0.62	0.29	1.36	-0.46	8.48E-01	-3.24	6.08E-02	4.17	4.70E-02	EGA4-1
ENSMMUG00000044935			0.16	0.27	0.20	1.06	-1.83	4.50E-01	0.73	7.95E-01	6.70	6.07E-03	EGA4-1
ENSMMUG00000005366	FUCA2	Alpha-L-fucosidase 2	3.73	3.78	8.02	45.20	-1.12	3.54E-01	0.74	5.63E-01	4.79	1.45E-05	EGA4-1
ENSMMUG00000015355	RSPO3	R-spondin 3	0.00	0.03	0.03	5.01	2.63	3.86E-01	-0.27	9.47E-01	6.52	3.67E-02	EGA4-1
ENSMMUG00000017165	BAHD1	Bromo Adjacent Homology Domain Containing 1	0.98	1.61	2.31	1.87	0.18	9.19E-01	-1.57	2.08E-01	2.97	4.17E-02	EGA4-1
ENSMMUG00000021840	STRC	Stereocilin	0.09	0.41	0.34	1.00	0.83	6.74E-01	-0.85	6.61E-01	4.23	2.30E-02	EGA4-1
ENSMMUG00000001362	VPS13C	Vacuolar Protein Sorting 13 Homolog C	1.75	1.13	1.54	5.78	-0.38	6.74E-01	-0.66	4.08E-01	2.44	1.79E-03	EGA4-1
ENSMMUG00000013725	LOC704249	Phosphoglycerate Kinase 1-like	1.43	4.30	9.70	33.35	2.11	6.92E-02	0.79	5.60E-01	3.01	2.95E-02	EGA4-1
ENSMMUG00000046622	HEXA	Hexosaminidase Subunit Alpha	1.16	5.00	6.01	13.07	0.88	5.50E-01	0.51	7.50E-01	4.36	1.26E-03	EGA4-1
ENSMMUG00000016106	SNX33	Sorting Nexin 33	0.15	0.26	0.05	4.99	-3.48	6.11E-02	0.34	9.06E-01	8.10	2.09E-05	EGA4-1
ENSMMUG00000005103	MAN2A2	Mannosidase Alpha Class 2A Member 2	0.12	0.68	1.41	4.56	1.68	1.81E-01	2.18	6.05E-02	3.65	6.63E-03	EGA4-1
ENSMMUG00000046119	HDHC3	HD Domain Containing 3	0.08	0.97	0.54	1.81	1.46	2.88E-01	-0.12	9.48E-01	4.44	1.06E-03	EGA4-1
ENSMMUG00000006848	OSGEP	O-sialoglycoprotein Endopeptidase	0.33	5.21	2.33	5.43	2.42	1.36E-01	-0.81	6.81E-01	4.42	1.71E-02	EGA4-1
ENSMMUG00000012576	LOC693626	Sorting Nexin-6	17.45	12.21	17.61	38.25	-0.47	2.30E-01	0.35	3.79E-01	1.15	5.14E-03	EGA4-1
ENSMMUG00000009653	FOXA1	Forkhead Box A1	0.00	0.04	2.51	0.92	2.88	2.87E-01	-1.60	5.74E-01	6.28	3.08E-02	EGA4-1
ENSMMUG00000020885	TMEM260	Transmembrane Protein 260	0.72	1.13	0.63	1.41	-0.67	7.42E-01	-0.92	6.31E-01	4.03	3.73E-02	EGA4-1
ENSMMUG00000007762	OTUB2	OTU Deubiquitinase, Ubiquitin Aldehyde Binding 2	0.39	1.87	0.24	0.76	0.47	8.65E-01	-2.76	1.65E-01	5.14	2.67E-02	EGA4-1
ENSMMUG00000004931	SYNE3	Spectrin Repeat Containing Nuclear Envelope Family Member 3	0.02	0.35	0.18	1.39	3.71	7.42E-02	-2.25	2.92E-01	8.05	1.07E-04	EGA4-1
ENSMMUG00000011475	CRIP2	Cysteine Rich Protein 2	0.29	1.26	0.26	0.63	1.98	5.51E-01	-5.17	6.26E-02	8.00	1.45E-02	EGA4-1

ENSMMUG00000017378	STS	Steroid Sulfatase	0.29	1.48	0.53	10.57	0.48	7.94E-01	-1.79	2.17E-01	7.31	8.38E-08	EGA4-1
ENSMMUG00000016290	WWC3	WWC Family Member 3	2.55	5.99	1.70	11.51	0.52	7.51E-01	-2.18	8.17E-02	4.71	4.44E-04	EGA4-1
ENSMMUG00000008335	SAT1	Spermidine/spermine N1-acetyltransferase 1	1.51	0.86	3.32	10.79	-0.83	6.12E-01	1.44	3.28E-01	3.40	3.79E-02	EGA4-1
ENSMMUG00000048579	SLC39A1	Solute Carrier Family 39 Member 1	0.36	2.67	3.19	6.37	0.05	9.85E-01	1.67	3.47E-01	4.39	2.25E-02	EGA4-1
ENSMMUG00000045510			0.19	0.70	0.53	2.95	1.56	2.50E-01	-0.19	9.17E-01	3.37	2.26E-02	EGA4-1
ENSMMUG00000013943	GDPD2	Glycerophosphodiester Phosphodiesterase Domain Containing 2	0.01	0.00	0.16	0.75	-0.25	9.36E-01	1.61	4.82E-01	7.21	5.83E-04	EGA4-1
ENSMMUG00000017795	IL2RG	Interleukin 2 Receptor Subunit Gamma	0.42	1.41	0.21	0.52	-0.10	9.71E-01	-1.87	3.45E-01	5.72	7.64E-03	EGA4-1
ENSMMUG00000001689	SH3BGRL	SH3 Domain Binding Glutamate Rich Protein Like	0.86	2.14	3.72	22.32	-0.47	7.95E-01	2.06	1.32E-01	4.32	4.15E-03	EGA4-1
ENSMMUG00000012702	NAP1L3	Nucleosome Assembly Protein 1 Like 3	0.09	0.20	0.46	1.94	0.84	7.69E-01	0.29	9.27E-01	5.97	2.13E-02	EGA4-1
ENSMMUG00000008209	TSPAN6	Tetraspanin 6	0.31	0.26	0.74	2.48	-0.04	9.79E-01	0.03	9.87E-01	3.07	1.45E-02	EGA4-1
ENSMMUG00000002173	BEX1	Brain Expressed X-linked 1	3.26	1.41	0.92	8.19	-2.51	5.01E-02	0.20	9.15E-01	3.45	2.65E-02	EGA4-1
ENSMMUG00000003500	TCEAL1	Transcription Elongation Factor A Like 1	1.50	0.47	0.36	2.08	-2.96	8.03E-02	-0.65	7.74E-01	5.71	2.82E-03	EGA4-1
ENSMMUG000000021412	RNF128	Ring Finger Protein 128, E3 Ubiquitin Protein Ligase	0.01	0.06	0.17	0.97	4.29	6.23E-02	-2.82	2.08E-01	8.48	2.29E-04	EGA4-1
ENSMMUG00000001484	LAMP2	Lysosomal Associated Membrane Protein 2	13.08	19.71	13.67	48.84	0.54	5.36E-01	-1.41	5.22E-02	2.18	1.05E-02	EGA4-1
ENSMMUG000000047144			0.01	0.39	1.45	13.30	4.02	1.18E-01	-2.45	3.50E-01	8.30	1.38E-03	EGA4-1
ENSMMUG000000009470	CLN8	CLN8, Transmembrane ER And ERGIC Protein	2.80	0.72	1.17	11.15	-2.16	9.87E-02	0.03	9.89E-01	3.37	2.95E-02	EGA4-1
ENSMMUG000000043218			0.60	0.34	1.89	11.58	-0.08	9.73E-01	0.95	6.26E-01	4.89	7.76E-03	EGA4-1
ENSMMUG000000021515	EPHX2	Epoxide Hydrolase 2	0.11	0.13	0.34	1.20	-2.86	9.45E-02	2.59	1.30E-01	4.74	1.78E-02	EGA4-1
ENSMMUG000000041477	FAM110B	Family With Sequence Similarity 110 Member B	0.16	0.12	0.02	1.02	-4.72	1.05E-01	-1.39	7.04E-01	#####	6.35E-05	EGA4-1
ENSMMUG000000006663	DECR1	2,4-dienoyl-CoA Reductase 1	1.15	0.75	1.74	6.40	-1.23	4.34E-01	1.08	4.95E-01	3.72	2.30E-02	EGA4-1
ENSMMUG000000013579	SLC45A4	Solute Carrier Family 45 Member 4	1.31	1.07	0.43	3.19	-1.37	3.08E-01	-1.53	2.61E-01	4.43	1.79E-03	EGA4-1
ENSMMUG00000001633	GSDMD	Gasdermin D	0.34	0.16	0.18	0.86	-2.19	1.92E-01	0.66	7.61E-01	4.24	3.20E-02	EGA4-1
ENSMMUG00000000388	PLEC	Plectin	0.23	0.39	2.23	8.91	-2.12	1.42E-01	0.24	9.05E-01	8.10	8.77E-10	EGA4-1
ENSMMUG000000014716	MROH1	Maestro Heat Like Repeat Family Member 1	0.43	0.33	0.41	2.60	-2.31	8.06E-02	0.55	7.44E-01	4.68	9.89E-04	EGA4-1
ENSMMUG000000048848			1.22	2.80	1.85	4.32	0.38	7.99E-01	-1.29	2.85E-01	2.96	2.78E-02	EGA4-1
ENSMMUG000000020212	SCNN1A	Sodium Channel Epithelial 1 Alpha Subunit	2.44	1.84	3.52	13.07	-0.33	8.59E-01	-1.84	1.75E-01	3.76	1.33E-02	EGA4-1
ENSMMUG000000010203	PTPN6	Protein Tyrosine Phosphatase, Non-receptor Type 6	0.05	0.00	0.11	2.10	-0.73	8.11E-01	1.31	6.24E-01	6.73	2.38E-03	EGA4-1
ENSMMUG000000017633	HEBP1	Heme Binding Protein 1	0.02	0.27	1.16	10.67	2.13	3.34E-01	2.86	1.19E-01	4.69	2.72E-02	EGA4-1
ENSMMUG000000021192	KIF21A	Kinesin Family Member 21A	0.83	1.31	5.48	17.72	1.17	2.60E-01	1.31	1.89E-01	2.60	2.34E-02	EGA4-1
ENSMMUG000000023165	GALNT6	Polypeptide N-acetylgalactosaminyltransferase 6	0.11	0.42	0.80	4.12	0.48	7.82E-01	0.23	9.02E-01	4.82	5.13E-04	EGA4-1
ENSMMUG000000013232	CD63	CD63 Molecule	11.95	11.06	30.06	70.62	0.26	8.34E-01	0.95	3.31E-01	2.35	2.74E-02	EGA4-1
ENSMMUG000000021782	LRP1	LDL Receptor Related Protein 1	2.06	1.82	1.45	8.76	-0.16	9.17E-01	-1.29	2.29E-01	3.36	2.82E-03	EGA4-1
ENSMMUG00000003180	TBC1D30	TBC1 Domain Family Member 30	0.63	0.16	0.23	0.54	-2.85	1.14E-01	-1.96	3.18E-01	4.40	4.37E-02	EGA4-1
ENSMMUG000000020942	LGR5	Leucine Rich Repeat Containing G Protein-coupled Receptor 5	0.08	0.20	0.45	2.70	-0.16	9.45E-01	-2.06	2.29E-01	6.33	1.46E-04	EGA4-1
ENSMMUG000000042454	PHLDA1	Pleckstrin Homology Like Domain Family A Member 1	0.59	0.46	0.86	4.17	0.11	9.58E-01	-0.88	5.87E-01	4.03	9.94E-03	EGA4-1
ENSMMUG000000006227			0.40	0.22	1.44	22.68	0.25	8.98E-01	0.39	8.24E-01	5.47	3.39E-05	EGA4-1
ENSMMUG000000002235	IGF1	Insulin Like Growth Factor 1	0.51	0.21	0.24	2.74	-1.23	6.09E-01	-2.72	2.07E-01	7.63	5.37E-04	EGA4-1
ENSMMUG000000020951	NUAK1	NUAK Family Kinase 1	0.14	0.25	0.36	1.47	1.77	4.39E-01	-1.79	4.27E-01	5.30	2.70E-02	EGA4-1
ENSMMUG000000043781	GLTP	Glycolipid Transfer Protein	0.79	0.65	2.23	18.48	-0.62	6.45E-01	2.09	5.11E-02	3.75	1.55E-03	EGA4-1
ENSMMUG000000020665	SDSL	Serine Dehydratase Like	0.07	0.02	0.09	1.74	2.08	4.21E-01	0.41	8.93E-01	6.76	5.27E-03	EGA4-1
ENSMMUG000000021232	HSPB8	Heat Shock Protein Family B (small) Member 8	0.05	0.01	0.41	6.35	-0.87	6.24E-01	-0.06	9.79E-01	9.77	8.97E-14	EGA4-1
ENSMMUG000000038046			0.28	1.36	5.34	5.90	3.36	1.95E-01	-1.33	6.32E-01	6.77	1.15E-02	EGA4-1
ENSMMUG000000039160			0.88	0.42	0.20	2.44	-1.63	5.45E-01	-1.85	4.89E-01	8.29	1.07E-03	EGA4-1
ENSMMUG000000046971	RAB18	RAB18, Member RAS Oncogene Family	13.28	6.63	6.96	10.94	-1.00	2.20E-01	-0.70	4.19E-01	1.96	3.62E-02	EGA4-1

ENSMMUG0000000658	CDHR1	Cadherin Related Family Member 1	0.06	0.00	0.62	4.76	-0.39	9.34E-01	3.87	2.25E-01	7.98	2.19E-02	EGA4-1
ENSMMUG00000021773	FAM213A	Family With Sequence Similarity 213 Member A	3.27	3.61	5.52	21.07	-1.06	4.20E-01	0.99	4.53E-01	4.10	1.07E-03	EGA4-1
ENSMMUG00000047584	CHST3	Carbohydrate Sulfotransferase 3	0.25	0.77	0.09	1.86	0.07	9.76E-01	-2.79	7.08E-02	6.28	1.69E-04	EGA4-1
ENSMMUG00000012969	PSAP	Prosaposin	21.99	14.12	22.86	#####	-0.65	4.12E-01	0.82	2.77E-01	1.75	4.23E-02	EGA4-1
ENSMMUG00000008789	PCBD1	Pterin-4 Alpha-carbinolamine Dehydratase 1	1.30	0.31	1.02	6.41	-1.16	7.05E-01	1.07	7.27E-01	5.82	4.81E-02	EGA4-1
ENSMMUG00000015314	TSPAN15	Tetraspanin 15	0.57	0.08	0.99	22.30	-1.39	3.93E-01	-0.94	6.27E-01	7.92	4.04E-08	EGA4-1
ENSMMUG00000006411	PAPSS2	3'-phosphoadenosine 5'-phosphosulfate Synthase 2	3.73	6.22	0.78	1.14	-1.88	2.36E-01	-1.74	2.72E-01	3.83	3.26E-02	EGA4-1
ENSMMUG00000017204	PDCD4	Programmed Cell Death 4	8.94	3.67	3.37	21.84	-0.76	5.26E-01	-1.04	3.52E-01	3.05	8.75E-03	EGA4-1
ENSMMUG00000022799	TCF7L2	Transcription Factor 7 Like 2	2.59	11.21	5.32	17.15	1.71	1.10E-01	-1.94	5.89E-02	2.85	2.12E-02	EGA4-1
ENSMMUG00000015215	LHPP	Phospholysine Phosphohistidine Inorganic Pyrophosphate Phosphatase	2.07	2.98	0.99	1.96	1.40	4.49E-01	-3.07	5.50E-02	4.44	2.29E-02	EGA4-1
ENSMMUG00000017483	EPS8L2	EPS8 Like 2	0.01	0.03	0.08	1.22	-0.46	8.65E-01	1.32	5.38E-01	6.34	2.04E-03	EGA4-1
ENSMMUG00000045775	LOC700274	Macrophage-expressed Gene 1 Protein	10.67	10.89	14.90	81.83	-0.75	5.99E-01	0.50	7.43E-01	3.79	3.76E-03	EGA4-1
ENSMMUG00000012620	YPEL4	Yippee Like 4	0.64	0.02	0.01	1.01	-3.93	1.04E-01	-1.28	6.81E-01	7.70	4.64E-03	EGA4-1
ENSMMUG00000040957			2.12	3.44	2.47	9.38	-1.39	4.87E-01	0.04	9.87E-01	4.86	1.55E-02	EGA4-1
ENSMMUG00000021448			16.82	11.86	16.24	79.87	-2.24	1.48E-01	0.47	8.15E-01	5.22	1.20E-03	EGA4-1
ENSMMUG00000002611	LARGE2	LARGE Xylosyl- And Glucuronyltransferase 2	0.07	0.03	0.34	6.48	-0.30	9.17E-01	-0.05	9.86E-01	8.11	2.50E-05	EGA4-1
ENSMMUG00000016807			4.24	2.07	1.40	4.78	-1.32	4.63E-01	-1.39	4.33E-01	3.86	4.80E-02	EGA4-1
ENSMMUG00000000336	UEVLD	UEV And Lactate/malate Dehydrogenase Domains	1.03	4.16	3.37	8.45	1.65	1.52E-01	0.12	9.42E-01	2.69	4.84E-02	EGA4-1
ENSMMUG00000011990	FAR1	Fatty Acyl-CoA Reductase 1	0.98	1.66	0.77	3.03	1.11	2.71E-01	-1.57	9.36E-02	2.45	2.94E-02	EGA4-1
ENSMMUG00000000338	TRIM22	Tripartite Motif Containing 22	0.05	0.02	0.14	1.06	0.69	8.03E-01	-0.47	8.65E-01	8.00	1.32E-04	EGA4-1
ENSMMUG00000013490	TRIM6	Tripartite Motif Containing 6	3.03	1.41	1.74	5.85	-0.71	5.60E-01	-0.50	7.01E-01	2.50	4.95E-02	EGA4-1
ENSMMUG00000003139	ARHGEF17	Rho Guanine Nucleotide Exchange Factor 17	0.62	0.51	0.15	0.96	-0.60	7.66E-01	-2.34	1.36E-01	3.80	4.53E-02	EGA4-1
ENSMMUG00000013093	LOC106993385	Uncharacterized LOC106993385	0.48	0.26	4.27	1.35	-1.30	5.12E-01	1.02	6.21E-01	4.28	4.63E-02	EGA4-1
ENSMMUG00000009126	SLCO2B1	Solute Carrier Organic Anion Transporter Family Member 2B1	0.00	0.07	3.89	10.69	0.75	8.24E-01	3.91	9.36E-02	5.62	4.58E-02	EGA4-1
ENSMMUG00000018944	AQP11	Aquaporin 11	1.29	0.73	0.69	7.06	-2.51	1.34E-01	1.76	3.29E-01	4.21	3.57E-02	EGA4-1
ENSMMUG00000004048	FZD4	Frizzled Class Receptor 4	12.59	10.19	19.66	27.45	-0.46	6.76E-01	-1.00	2.85E-01	2.48	1.45E-02	EGA4-1
ENSMMUG00000010229	TMEM135	Transmembrane Protein 135	3.57	3.09	5.54	10.91	-0.36	8.39E-01	-1.76	1.76E-01	3.75	9.79E-03	EGA4-1
ENSMMUG00000021628	CADM1	Cell Adhesion Molecule 1	11.28	11.00	22.98	#####	-0.36	7.65E-01	0.88	3.88E-01	2.26	4.72E-02	EGA4-1
ENSMMUG00000044545	APOA1	Apolipoprotein A1	0.73	0.24	3.95	67.69	-0.21	9.28E-01	-0.13	9.56E-01	9.51	1.95E-10	EGA4-1
ENSMMUG00000002061	PCSK7	Proprotein Convertase Subtilisin/kexin Type 7	1.08	0.83	1.16	4.62	-1.17	4.33E-01	0.35	8.43E-01	3.23	4.54E-02	EGA4-1
ENSMMUG00000009318	BCL9L	B-cell CLL/lymphoma 9 Like	0.45	0.46	0.93	6.57	-1.78	1.48E-01	0.63	6.69E-01	5.51	3.33E-06	EGA4-1
ENSMMUG00000016890	SLC37A4	Solute Carrier Family 37 Member 4	0.21	1.96	2.04	3.61	0.91	6.34E-01	0.94	6.13E-01	4.56	1.00E-02	EGA4-1
ENSMMUG00000041104	GLB1L2	Galactosidase Beta 1 Like 2	0.16	0.09	0.36	0.81	-1.27	4.65E-01	0.02	9.95E-01	4.88	4.17E-03	EGA4-1
ENSMMUG00000014921	MBD5	Methyl-CpG Binding Domain Protein 5	0.22	0.34	0.57	1.55	-0.92	6.50E-01	2.46	1.39E-01	4.27	2.81E-02	EGA4-1
ENSMMUG00000017929	DNPEP	Aspartyl Aminopeptidase	0.52	1.66	1.01	2.24	0.02	9.87E-01	-0.26	8.35E-01	2.80	6.44E-03	EGA4-1
ENSMMUG00000038522			0.15	0.56	4.44	22.06	1.55	5.44E-01	1.54	5.20E-01	7.57	1.07E-03	EGA4-1
ENSMMUG00000011777	B3GNT7	UDP-GlcNAc:betaGal Beta-1,3-N-acetylglucosaminyltransferase 7	0.04	0.16	0.72	5.03	0.93	7.40E-01	-0.08	9.80E-01	6.08	1.11E-02	EGA4-1
ENSMMUG00000019604	ENTPD8	Ectonucleoside Triphosphate Diphosphohydrolase 8	0.01	0.01	0.04	0.88	1.21	7.05E-01	-0.64	8.48E-01	8.15	1.90E-03	EGA4-1
ENSMMUG00000021432	PAXX	PAXX, Non-homologous End Joining Factor	0.58	0.26	0.84	2.39	-1.73	5.30E-01	1.37	6.32E-01	6.01	3.89E-02	EGA4-1
ENSMMUG00000001522	ASS1	Argininosuccinate Synthase 1	3.23	1.09	2.09	11.77	-2.05	1.42E-01	-2.21	1.14E-01	4.41	3.44E-03	EGA4-1
ENSMMUG00000011822	PTGES	Prostaglandin E Synthase	1.65	1.27	0.23	0.40	-2.58	1.37E-01	-3.26	5.56E-02	4.58	2.36E-02	EGA4-1
ENSMMUG00000002515	PTPA	Protein Phosphatase 2 Phosphatase Activator	0.14	0.47	1.81	2.70	0.92	6.02E-01	2.69	5.55E-02	3.89	2.22E-02	EGA4-1
ENSMMUG00000010143	PKN3	Protein Kinase N3	0.21	2.01	0.86	0.85	0.42	8.65E-01	-3.01	8.32E-02	5.38	5.46E-03	EGA4-1
ENSMMUG00000007354	NEK6	NIMA Related Kinase 6	0.21	0.10	1.33	5.61	-1.83	1.98E-01	2.44	6.23E-02	4.99	2.42E-04	EGA4-1
ENSMMUG00000045217			0.69	4.96	3.22	9.40	0.92	7.20E-01	0.42	8.77E-01	7.11	1.19E-03	EGA4-1

ENSMMUG00000021526	UGCG	UDP-glucose Ceramide Glucosyltransferase	3.71	2.20	2.46	18.00	-1.49	2.37E-01	-1.32	3.17E-01	4.16	1.53E-03	EGA4-1
ENSMMUG00000012749	PTGR1	Prostaglandin Reductase 1	0.50	1.00	3.31	19.82	1.58	3.36E-01	0.44	8.26E-01	4.13	1.69E-02	EGA4-1
ENSMMUG00000020607	LOC712487	Protein NipSnap Homolog 3B	0.21	0.12	0.17	1.97	-1.25	3.99E-01	0.97	5.28E-01	4.16	5.51E-03	EGA4-1
ENSMMUG00000020780	CNTFR	Ciliary Neurotrophic Factor Receptor	0.01	0.10	0.74	1.68	1.76	3.57E-01	1.85	2.76E-01	4.32	2.30E-02	EGA4-1
ENSMMUG00000031755	GLDC	Glycine Decarboxylase	12.79	4.98	3.27	11.54	-1.03	3.18E-01	-0.85	4.14E-01	2.29	4.67E-02	EGA4-1
ENSMMUG00000012235	CD274	CD274 Molecule	0.16	0.25	0.20	0.84	-0.63	8.76E-01	-1.38	7.03E-01	7.01	4.16E-02	EGA4-1
ENSMMUG00000046467			0.02	0.14	0.18	5.05	2.79	2.05E-01	-0.43	8.77E-01	5.72	1.31E-02	EGA4-1
ENSMMUG00000007996	ZNF367	Zinc Finger Protein 367	0.10	0.26	0.38	1.74	1.77	3.42E-01	-0.84	6.95E-01	4.39	3.50E-02	EGA4-1
ENSMMUG00000023437	DDX1	DEAD-box Helicase 1	34.20	33.11	27.16	41.79	-0.14	8.48E-01	-0.53	3.67E-01	1.55	1.26E-02	EGA4-1
ENSMMUG00000030909			0.23	0.28	0.50	1.84	-0.94	5.77E-01	-0.46	8.13E-01	3.94	1.77E-02	EGA4-1
ENSMMUG00000013565	DNMT3A	DNA Methyltransferase 3 Alpha	22.01	15.85	11.81	41.37	-0.71	4.40E-01	-1.16	1.61E-01	2.04	3.69E-02	EGA4-1
ENSMMUG00000016442	QPCT	Glutaminyl-peptide Cyclotransferase	0.00	0.02	0.36	1.03	3.37	1.92E-01	-0.45	8.88E-01	6.04	2.57E-02	EGA4-1
ENSMMUG00000046512	EXOC6B	Exocyst Complex Component 6B	1.57	0.42	1.08	3.87	-1.93	6.11E-02	0.43	7.45E-01	4.01	2.51E-04	EGA4-1
ENSMMUG0000002721	RTKN	Rhotekin	0.08	0.12	1.59	6.10	1.46	4.90E-01	2.51	1.51E-01	7.11	5.59E-05	EGA4-1
ENSMMUG0000002675	CAPG	Capping Actin Protein, Gelsolin Like	0.11	0.15	1.61	8.29	-0.46	8.64E-01	2.80	1.19E-01	5.09	1.07E-02	EGA4-1
ENSMMUG00000041136	LOC100431008	Lysine-rich Coiled-coil Protein 1	1.24	1.62	0.45	1.21	-1.96	2.20E-01	-2.34	1.26E-01	4.71	5.74E-03	EGA4-1
ENSMMUG00000020737	IL1R1	Interleukin 1 Receptor Type 1	0.20	1.24	0.49	1.43	2.47	1.85E-01	-3.36	6.28E-02	4.92	2.54E-02	EGA4-1
ENSMMUG00000000481	TMTC4	Transmembrane And Tetratricopeptide Repeat Containing 4	0.21	0.19	0.52	3.53	-1.70	1.13E-01	1.74	9.78E-02	4.59	1.29E-05	EGA4-1
ENSMMUG00000012666	CARS2	CysteinyI-tRNA Synthetase 2, Mitochondrial	0.87	2.24	0.88	2.66	0.97	5.42E-01	-1.68	2.39E-01	3.43	3.84E-02	EGA4-1
ENSMMUG00000027225			0.29	2.20	0.17	3.21	-1.60	8.26E-01	-3.15	6.19E-01	#####	7.13E-09	EGA4-1
ENSMMUG00000009231	NKAIN4	Sodium/potassium Transporting ATPase Interacting 4	0.00	0.00	0.24	4.03	1.24	6.84E-01	3.10	1.85E-01	6.84	5.78E-03	EGA4-1
ENSMMUG00000010266	LOC694289	Guanine Nucleotide-binding Protein G(s) Subunit Alpha	9.37	11.95	19.42	42.57	0.36	4.69E-01	0.51	2.75E-01	1.21	1.67E-02	EGA4-1
ENSMMUG00000009960	CTSA	Cathepsin A	2.97	3.23	11.96	26.14	-0.47	7.55E-01	1.49	2.14E-01	3.29	1.34E-02	EGA4-1
ENSMMUG00000003409			0.24	0.34	0.09	0.90	0.59	8.55E-01	-3.67	1.25E-01	6.47	2.43E-02	EGA4-1
ENSMMUG00000041652	MYL9	Myosin Light Chain 9	0.44	2.03	1.70	5.03	2.43	6.55E-02	0.10	9.60E-01	3.84	1.11E-02	EGA4-1
ENSMMUG00000019474	DNMT3B	DNA Methyltransferase 3 Beta	33.72	28.56	30.00	#####	-0.74	4.65E-01	-0.01	9.92E-01	2.62	9.28E-03	EGA4-1
ENSMMUG00000022721	COMM7	COMM Domain Containing 7	1.65	1.24	1.10	4.18	-1.10	1.99E-01	0.26	8.11E-01	2.25	1.86E-02	EGA4-1
ENSMMUG00000019849	BMP2	Bone Morphogenetic Protein 2	0.05	0.11	0.12	0.78	0.91	6.60E-01	-2.01	2.78E-01	4.83	1.53E-02	EGA4-1
ENSMMUG00000038402			0.17	1.15	0.21	0.91	0.94	6.91E-01	-1.73	4.03E-01	5.25	1.64E-02	EGA4-1
ENSMMUG00000023053	GSTT2	Glutathione S-transferase Theta 2	0.80	0.10	0.82	3.74	-2.99	1.28E-01	-0.93	7.14E-01	6.10	3.81E-03	EGA4-1
ENSMMUG00000023450	TPST2	Tyrosylprotein Sulfotransferase 2	0.40	0.98	3.15	4.13	-0.76	6.88E-01	1.71	2.86E-01	3.70	4.24E-02	EGA4-1
ENSMMUG00000004675	SMTN	Smoothelin	1.18	0.88	0.29	1.37	-2.19	2.62E-01	-3.08	9.12E-02	6.44	1.18E-03	EGA4-1
ENSMMUG00000006734	TIMP3	TIMP Metalloproteinase Inhibitor 3	0.36	0.24	0.21	1.13	1.07	5.92E-01	-1.16	5.53E-01	4.71	1.52E-02	EGA4-1
ENSMMUG00000014101	HDAC10	Histone Deacetylase 10	0.13	0.39	1.36	1.35	-0.09	9.71E-01	-0.70	7.63E-01	5.48	7.07E-03	EGA4-1
ENSMMUG00000003042	VPS53	VPS53, GARP Complex Subunit	4.25	7.13	4.22	5.36	0.63	3.06E-01	-0.99	7.65E-02	1.56	1.90E-02	EGA4-1
ENSMMUG00000002765	SLC25A11	Solute Carrier Family 25 Member 11	1.96	3.04	5.35	7.55	-1.60	3.46E-01	1.07	5.48E-01	3.77	4.30E-02	EGA4-1
ENSMMUG00000009597	SLC13A5	Solute Carrier Family 13 Member 5	0.77	0.05	2.02	5.41	-2.86	1.76E-01	-1.67	5.00E-01	5.43	1.91E-02	EGA4-1
ENSMMUG00000019148	VTN	Vitronectin	0.21	0.51	0.07	0.35	-0.93	7.10E-01	-2.63	2.13E-01	5.43	2.68E-02	EGA4-1
ENSMMUG00000007004	RNF43	Ring Finger Protein 43	0.01	0.13	0.22	1.69	3.05	1.50E-01	2.32	2.41E-01	5.92	3.91E-03	EGA4-1
ENSMMUG00000006066	PCTP	Phosphatidylcholine Transfer Protein	1.24	0.20	0.11	0.66	-2.47	7.50E-02	-2.72	5.76E-02	4.67	4.31E-03	EGA4-1
ENSMMUG00000000622	MRM1	Mitochondrial RRNA Methyltransferase 1	0.32	2.27	0.73	2.77	3.01	1.27E-01	-3.34	7.99E-02	6.54	2.93E-03	EGA4-1
ENSMMUG00000003431	HNF1B	HNF1 Homeobox B	0.02	0.01	1.24	6.80	-1.74	4.88E-01	1.93	4.39E-01	7.21	9.26E-04	EGA4-1
ENSMMUG00000018653	LOC707129	Keratin, Type I Cytoskeletal 19	0.76	0.77	2.32	44.12	0.97	5.60E-01	-0.48	7.95E-01	6.39	1.97E-06	EGA4-1
ENSMMUG00000009884	HSD17B1	Hydroxysteroid 17-beta Dehydrogenase 1	1.19	0.34	0.70	10.85	-0.20	9.41E-01	-2.25	2.54E-01	7.77	5.09E-05	EGA4-1
ENSMMUG00000023751	GRN	Granulin Precursor	7.79	6.22	5.04	15.14	-0.55	7.14E-01	-1.27	3.19E-01	2.92	4.16E-02	EGA4-1
ENSMMUG00000014195	SLC39A11	Solute Carrier Family 39 Member 11	0.92	0.92	0.51	4.85	-1.85	2.86E-01	-0.32	8.86E-01	4.00	4.23E-02	EGA4-1
ENSMMUG00000019221	HEXDC	Hexosaminidase D	0.35	1.19	0.81	1.17	0.84	6.66E-01	-1.32	4.52E-01	4.82	8.52E-03	EGA4-1

ENSMMUG0000006455	NARFL	Nuclear Prelamin A Recognition Factor Like	0.19	3.76	3.17	3.57	1.91	1.58E-01	0.96	5.12E-01	3.67	1.35E-02	EGA4-1
ENSMMUG0000000044	IFT140	Intraflagellar Transport 140	0.49	0.75	0.50	1.04	0.58	6.76E-01	-1.66	1.41E-01	3.17	1.58E-02	EGA4-1
ENSMMUG00000019095	AMDHD2	Amidohydrolase Domain Containing 2	0.52	3.10	1.17	2.50	2.84	1.21E-01	-0.70	7.49E-01	5.19	1.05E-02	EGA4-1
ENSMMUG00000029123			5.66	8.00	38.98	#####	-0.63	6.06E-01	1.71	8.67E-02	3.45	1.48E-03	EGA4-1
ENSMMUG00000043572			0.03	0.25	0.91	7.68	2.86	3.21E-01	-0.47	8.90E-01	7.36	7.31E-03	EGA4-1
ENSMMUG00000010377			0.56	0.36	6.10	17.38	-1.36	6.12E-01	0.96	7.31E-01	6.75	4.77E-03	EGA4-1
ENSMMUG00000010370			18.74	6.49	21.12	#####	-2.28	5.14E-02	-0.77	5.93E-01	5.72	1.18E-06	EGA4-1
ENSMMUG00000016245	ZNRF1	Zinc And Ring Finger 1	0.72	0.93	1.09	1.69	-2.42	1.91E-01	0.64	7.85E-01	4.33	4.78E-02	EGA4-1
ENSMMUG00000003662	PKD1L2	Polycystin 1 Like 2	0.19	0.05	0.28	9.05	-1.96	2.20E-01	0.04	9.87E-01	7.82	1.34E-07	EGA4-1
ENSMMUG00000018961	TLDC1	TBC/LysM-associated Domain Containing 1	0.17	0.16	0.57	12.10	0.00	9.99E-01	-1.42	3.76E-01	8.36	6.05E-10	EGA4-1
ENSMMUG00000011408	LAMA1	Laminin Subunit Alpha 1	0.87	1.18	6.34	60.88	0.25	8.69E-01	1.23	2.68E-01	4.19	1.11E-04	EGA4-1
ENSMMUG00000004663	COLEC12	Collectin Subfamily Member 12	0.53	0.59	2.79	17.97	0.60	6.92E-01	-1.85	1.31E-01	5.93	5.22E-07	EGA4-1
ENSMMUG00000023717	MIER2	MIER Family Member 2	0.48	0.88	0.92	1.28	-0.85	6.81E-01	-1.51	4.11E-01	6.19	7.30E-04	EGA4-1
ENSMMUG00000003045	NDUFS7	NADH:ubiquinone Oxidoreductase Core Subunit S7	0.73	2.13	1.27	5.69	-0.11	9.59E-01	-0.85	6.17E-01	4.89	1.48E-03	EGA4-1
ENSMMUG00000028926	LOC721854	MPN Domain-containing Protein	0.61	1.00	0.29	1.23	0.01	9.98E-01	-1.93	3.08E-01	5.50	7.02E-03	EGA4-1
ENSMMUG00000005218	KEAP1	Kelch Like ECH Associated Protein 1	0.70	2.86	0.46	2.54	0.27	8.95E-01	-1.18	4.50E-01	3.64	2.96E-02	EGA4-1
ENSMMUG00000003744	SLC44A2	Solute Carrier Family 44 Member 2	1.27	1.58	3.61	26.30	-1.40	2.74E-01	0.25	8.80E-01	3.22	2.06E-02	EGA4-1
ENSMMUG00000018068	MRI1	Methylthioribose-1-phosphate Isomerase 1	0.91	1.10	2.55	4.16	-1.89	2.49E-01	1.38	4.15E-01	3.91	3.08E-02	EGA4-1
ENSMMUG00000028849	NR2F6	Nuclear Receptor Subfamily 2 Group F Member 6	0.04	0.27	0.65	3.14	3.16	1.14E-01	-0.66	7.85E-01	4.82	2.70E-02	EGA4-1
ENSMMUG00000021182			0.37	0.39	0.21	0.88	-2.34	2.69E-01	-0.73	7.83E-01	4.98	3.79E-02	EGA4-1
ENSMMUG00000006128			1.28	1.13	3.85	20.42	-0.75	5.54E-01	1.11	3.41E-01	2.78	2.95E-02	EGA4-1
ENSMMUG00000003527	LGALS13	Galectin 13	0.05	0.59	0.21	0.97	2.98	3.38E-01	-2.42	4.29E-01	8.15	8.57E-03	EGA4-1
ENSMMUG00000012172	PAFAH1B3	Platelet Activating Factor Acetylhydrolase 1b Catalytic Subunit 3	4.15	5.91	3.53	12.98	0.16	9.39E-01	-2.65	5.79E-02	3.65	3.23E-02	EGA4-1
ENSMMUG00000042610			0.51	2.35	0.24	0.34	-2.04	5.21E-01	-2.68	3.64E-01	8.81	4.64E-03	EGA4-1
ENSMMUG00000017498	ZNF444	Zinc Finger Protein 444	0.27	0.56	0.90	0.79	-0.65	7.04E-01	-0.96	5.61E-01	4.11	1.74E-02	EGA4-1
ENSMMUG00000038331	RPS4Y1	Ribosomal Protein S4, Y-linked 1	0.03	7.22	19.54	44.85	2.17	3.90E-01	2.42	3.11E-01	6.69	7.61E-03	EGA4-1
ENSMMUG00000045017	KDM5D	Lysine Demethylase 5D	0.00	0.23	0.17	1.19	4.12	7.04E-02	0.35	9.05E-01	6.34	1.05E-02	EGA4-1
ENSMMUG00000008222			#####	#####	181.24	#####	-0.72	1.60E-01	0.33	5.70E-01	1.52	6.07E-03	EGA4-1
ENSMMUG00000042754			0.93	1.39	0.25	1.23	-2.78	1.07E-01	-1.57	4.17E-01	5.39	8.61E-03	EGA4-1
ENSMMUG00000012359			0.05	0.01	0.40	4.99	0.60	8.23E-01	1.02	6.66E-01	5.34	1.15E-02	EGA4-1
ENSMMUG00000038607			0.20	0.57	0.88	4.59	1.30	4.19E-01	0.01	9.96E-01	3.70	2.59E-02	EGA4-1
ENSMMUG000000045890			3.01	0.81	0.53	2.23	-2.99	6.01E-02	-2.06	2.46E-01	4.64	1.55E-02	EGA4-1
ENSMMUG00000048703			0.80	3.21	0.41	2.00	-1.82	4.90E-01	-4.25	6.25E-02	7.25	5.01E-03	EGA4-1
ENSMMUG00000038138			2.86	4.26	1.51	10.85	-2.22	2.77E-01	-2.11	3.12E-01	7.82	5.96E-05	EGA4-1
ENSMMUG00000045971			0.81	4.21	5.86	9.36	-0.94	6.66E-01	1.66	3.81E-01	4.84	1.50E-02	EGA4-1
ENSMMUG00000048003			0.86	1.36	0.27	1.34	-3.04	1.48E-01	-2.42	2.77E-01	7.85	6.51E-04	EGA4-1
ENSMMUG00000019020	SLC2A7	Solute Carrier Family 2 Member 7	0.86	0.77	0.05	0.04	-0.15	9.72E-01	-28.06	1.74E-29	#####	1.71E-13	EGA4-2
ENSMMUG00000023668	FBXO6	F-box Protein 6	4.03	10.47	5.67	6.09	2.41	7.41E-02	-5.17	3.35E-05	3.32	4.88E-02	EGA4-2
ENSMMUG00000032243	FBLIM1	Filamin Binding LIM Protein 1	0.83	1.14	0.04	0.93	0.35	8.66E-01	-6.93	7.25E-07	5.86	3.96E-04	EGA4-2
ENSMMUG00000032238	PADI4	Peptidyl Arginine Deiminase 4	1.37	2.48	0.12	0.72	1.00	5.14E-01	-6.21	4.42E-07	3.61	2.50E-02	EGA4-2
ENSMMUG00000002217	ALPL	Alkaline Phosphatase, Liver/bone/kidney	0.57	1.88	0.78	2.44	0.59	7.80E-01	-5.18	8.32E-04	7.20	3.39E-05	EGA4-2
ENSMMUG00000019592			2.39	5.78	0.82	5.06	-0.45	8.67E-01	-4.20	2.17E-02	5.43	1.45E-02	EGA4-2
ENSMMUG00000023231	ANXA9	Annexin A9	4.00	2.00	0.09	1.73	-0.90	5.95E-01	-5.72	3.13E-05	4.23	1.50E-02	EGA4-2
ENSMMUG00000011142	CAPN2	Calpain 2	2.05	2.15	0.48	4.31	-1.12	5.33E-01	-4.91	6.69E-04	8.43	4.12E-08	EGA4-2
ENSMMUG00000021116	ATP2B4	ATPase Plasma Membrane Ca2+ Transporting 4	1.71	6.00	2.28	28.26	0.44	8.29E-01	-3.47	1.29E-02	7.13	1.02E-06	EGA4-2
ENSMMUG00000004001	SYT2	Synaptotagmin 2	5.31	1.32	0.29	2.28	-2.43	1.15E-01	-3.05	4.37E-02	5.74	7.05E-04	EGA4-2
ENSMMUG00000013507	LAD1	Ladinin 1	38.84	16.94	2.82	7.58	-1.22	2.15E-01	-4.38	1.04E-07	2.72	1.08E-02	EGA4-2
ENSMMUG00000021649	NEK7	NIMA Related Kinase 7	11.14	9.05	5.91	12.02	-0.07	9.45E-01	-1.41	2.92E-02	2.05	7.55E-03	EGA4-2
ENSMMUG00000001943	GRAMD1C	GRAM Domain Containing 1C	0.17	0.15	0.33	1.01	-0.35	8.86E-01	-4.36	1.27E-02	4.94	1.59E-02	EGA4-2
ENSMMUG00000012579	LSAMP	Limbic System-associated Membrane Protein	0.24	0.87	0.14	3.10	1.33	5.12E-01	-4.99	5.56E-03	7.27	1.76E-04	EGA4-2
ENSMMUG00000000907	MAATS1	MYCBP Associated And Testis Expressed 1	0.82	1.40	1.48	1.15	-1.97	1.94E-01	-5.16	8.38E-04	4.20	2.52E-02	EGA4-2

ENSMMUG0000001529	SLC25A26	Solute Carrier Family 25 Member 26	7.71	4.95	2.18	4.35	-0.53	4.95E-01	-1.81	4.70E-03	2.30	2.47E-03	EGA4-2
ENSMMUG00000022262	TNIK	TRAF2 And NCK Interacting Kinase	7.81	5.86	0.44	4.61	-0.05	9.73E-01	-6.39	1.99E-11	5.34	6.68E-07	EGA4-2
ENSMMUG00000021893			3.08	6.95	3.59	12.01	0.53	7.82E-01	-3.02	2.92E-02	3.89	2.24E-02	EGA4-2
ENSMMUG00000040908			6.77	1.79	0.01	0.04	-1.85	5.96E-01	-22.25	1.96E-17	#####	1.90E-06	EGA4-2
ENSMMUG00000040631	COL6A6	Collagen Type VI Alpha 6 Chain	13.97	8.75	2.02	9.29	0.13	9.12E-01	-4.28	1.48E-09	4.76	6.04E-10	EGA4-2
ENSMMUG0000006661	SH3BP5	SH3 Domain Binding Protein 5	19.83	4.67	2.70	23.21	-1.98	5.20E-02	-2.77	4.09E-03	5.07	7.19E-07	EGA4-2
ENSMMUG00000016823	LOC709317	Lipoma-preferred Partner	15.82	21.65	11.27	17.60	0.68	4.17E-01	-2.40	4.17E-04	1.89	3.70E-02	EGA4-2
ENSMMUG00000032306	LOC722333	Lateral Signaling Target Protein 2 Homolog	0.92	0.30	0.00	0.07	-4.12	2.24E-01	-21.08	3.08E-13	#####	4.48E-10	EGA4-2
ENSMMUG00000018628	TEC	Tec Protein Tyrosine Kinase	0.17	0.86	0.16	1.58	0.99	5.90E-01	-4.40	2.69E-03	7.66	5.18E-07	EGA4-2
ENSMMUG00000013106	GALNT7	Polypeptide N-acetylgalactosaminyltransferase 7	2.50	1.24	1.17	8.10	-0.90	4.15E-01	-1.98	3.77E-02	4.35	1.36E-05	EGA4-2
ENSMMUG00000013407			0.33	2.55	0.30	2.48	1.61	3.19E-01	-4.27	2.12E-03	3.83	3.10E-02	EGA4-2
ENSMMUG00000020087	TMEM120A	Transmembrane Protein 120A	0.28	0.17	0.38	1.25	3.28	2.05E-01	-5.09	3.03E-02	8.49	1.85E-03	EGA4-2
ENSMMUG00000042360	JAZF1	JAZF Zinc Finger 1	14.82	34.47	1.50	2.59	2.01	8.75E-02	-8.07	4.40E-14	4.21	1.45E-03	EGA4-2
ENSMMUG00000039357			5.88	0.98	0.29	0.10	-4.67	9.58E-02	-17.69	4.77E-12	#####	9.41E-11	EGA4-2
ENSMMUG00000005435	ICA1	Islet Cell Autoantigen 1	8.45	1.87	0.22	1.50	-1.78	9.05E-02	-4.72	9.38E-07	4.13	2.35E-04	EGA4-2
ENSMMUG00000017366	TRIM56	Tripartite Motif Containing 56	0.52	3.33	0.96	2.34	0.21	9.36E-01	-4.09	1.37E-02	6.64	2.61E-04	EGA4-2
ENSMMUG00000012418	PTPRZ1	Protein Tyrosine Phosphatase, Receptor Type Z1	0.42	0.82	0.20	1.33	1.45	4.06E-01	-6.17	3.41E-05	4.67	1.08E-02	EGA4-2
ENSMMUG00000021017	AGK	Acylglycerol Kinase	#####	#####	16.65	28.45	-0.38	7.34E-01	-3.96	2.40E-07	2.14	4.30E-02	EGA4-2
ENSMMUG00000030144	SELENOP	Selenoprotein P	4.02	0.77	0.10	0.91	-2.03	2.53E-01	-4.53	5.69E-03	4.62	2.82E-02	EGA4-2
ENSMMUG00000018398	EFNA5	Ephrin A5	1.94	4.31	1.03	1.10	3.17	6.83E-02	-10.37	1.55E-09	4.63	4.67E-02	EGA4-2
ENSMMUG00000010651	PPIC	Peptidylprolyl Isomerase C	30.12	21.81	4.32	48.00	-0.67	5.64E-01	-2.54	5.81E-03	3.82	2.31E-04	EGA4-2
ENSMMUG00000016682	ALDH7A1	Aldehyde Dehydrogenase 7 Family Member A1	16.18	27.44	9.26	14.55	0.71	5.34E-01	-2.99	8.75E-04	2.88	1.06E-02	EGA4-2
ENSMMUG00000009413	FAXDC2	Fatty Acid Hydroxylase Domain Containing 2	4.08	7.14	0.18	0.76	0.81	6.53E-01	-6.94	2.01E-07	4.11	1.87E-02	EGA4-2
ENSMMUG00000021549	ADAM19	ADAM Metallopeptidase Domain 19	3.44	1.57	0.46	1.77	-0.99	6.09E-01	-7.12	8.52E-06	7.29	4.30E-05	EGA4-2
ENSMMUG00000021701	IL12B	Interleukin 12B	0.39	0.20	0.05	0.87	-2.32	3.63E-01	-19.51	1.18E-20	#####	2.28E-21	EGA4-2
ENSMMUG00000010102	SH3PXD2B	SH3 And PX Domains 2B	0.51	0.86	0.19	1.40	0.02	9.93E-01	-4.01	1.15E-02	4.42	2.97E-02	EGA4-2
ENSMMUG00000015363	DTNBP1	Dystrobrevin Binding Protein 1	9.61	4.55	0.94	3.77	-1.36	3.51E-01	-3.77	2.89E-03	4.62	2.67E-03	EGA4-2
ENSMMUG00000020831	ZNF165	Zinc Finger Protein 165	1.31	1.02	0.29	0.62	0.36	8.01E-01	-4.22	1.66E-05	3.53	4.61E-03	EGA4-2
ENSMMUG00000015909	TEAD3	TEA Domain Transcription Factor 3	1.83	10.80	0.64	2.12	0.21	9.28E-01	-3.81	8.89E-03	3.86	4.23E-02	EGA4-2
ENSMMUG00000005575	TRERF1	Transcriptional Regulating Factor 1	5.33	4.14	0.23	1.37	-0.96	5.17E-01	-5.99	1.59E-07	4.18	3.22E-03	EGA4-2
ENSMMUG00000029682	BICRAL	BRD4 Interacting Chromatin Remodeling Complex Associated Protein Like	0.51	2.06	0.51	2.23	2.29	5.75E-02	-2.60	2.72E-02	3.27	2.60E-02	EGA4-2
ENSMMUG00000018003	RAB23	RAB23, Member RAS Oncogene Family	21.99	24.93	2.40	5.76	-0.28	8.51E-01	-4.04	2.32E-05	3.43	4.42E-03	EGA4-2
ENSMMUG00000022458	ZNF292	Zinc Finger Protein 292	4.74	5.92	1.53	6.26	0.29	7.87E-01	-2.33	1.70E-03	2.44	7.78E-03	EGA4-2
ENSMMUG00000007142	SNX9	Sorting Nexin 9	34.19	25.27	3.62	17.69	-0.32	8.49E-01	-3.48	1.57E-03	2.94	4.51E-02	EGA4-2
ENSMMUG00000021498	L3MBTL3	L3MBTL3, Histone Methyl-lysine Binding Protein	2.23	2.69	1.28	2.28	0.60	6.17E-01	-2.21	2.12E-02	2.70	2.45E-02	EGA4-2
ENSMMUG00000020365	ARHGAP18	Rho GTPase Activating Protein 18	#####	#####	21.41	47.03	-1.10	2.71E-01	-4.54	2.38E-08	3.25	1.11E-03	EGA4-2
ENSMMUG00000041797			3.03	0.03	0.00	0.25	-7.09	1.24E-01	-23.93	3.45E-09	#####	2.90E-09	EGA4-2
ENSMMUG00000012144	SEMA6D	Semaphorin 6D	0.95	0.90	0.18	7.36	-0.02	9.94E-01	-4.01	2.03E-03	5.91	3.39E-05	EGA4-2
ENSMMUG00000042330			1.65	25.57	2.97	3.64	2.69	6.31E-02	-4.84	2.43E-04	5.38	4.95E-04	EGA4-2
ENSMMUG00000029446	TMEM253	Transmembrane Protein 253	0.75	0.74	0.03	0.30	-1.34	5.73E-01	-4.97	1.18E-02	6.20	1.11E-02	EGA4-2
ENSMMUG00000019653	SLC7A8	Solute Carrier Family 7 Member 8	30.84	63.63	3.57	17.08	0.98	3.99E-01	-5.67	4.91E-10	3.57	1.61E-03	EGA4-2
ENSMMUG00000003123	AP4S1	Adaptor Related Protein Complex 4 Sigma 1 Subunit	0.61	1.18	1.59	2.49	0.62	7.11E-01	-3.05	1.76E-02	4.78	8.61E-04	EGA4-2
ENSMMUG00000007264	TMEM30B	Transmembrane Protein 30B	8.80	20.31	1.22	0.35	-0.27	9.05E-01	-9.53	8.32E-10	5.09	8.83E-03	EGA4-2
ENSMMUG00000019170	PLEKHG3	Pleckstrin Homology And RhoGEF Domain Containing G3	3.82	9.40	1.11	3.01	1.70	1.84E-01	-3.75	7.90E-04	3.00	4.58E-02	EGA4-2
ENSMMUG00000014256	TMSB4X	Thymosin Beta 4, X-linked	#####	#####	104.32	#####	-0.42	6.19E-01	-2.01	1.73E-03	2.88	5.99E-05	EGA4-2
ENSMMUG00000000192	MAP7D2	MAP7 Domain Containing 2	4.79	2.72	0.92	0.94	-0.83	3.89E-01	-3.25	3.33E-05	2.28	2.94E-02	EGA4-2
ENSMMUG00000020392	SMS	Spermine Synthase	10.76	11.50	5.37	15.55	0.88	3.60E-01	-2.17	8.25E-03	2.25	3.12E-02	EGA4-2
ENSMMUG00000015655	ARMCX3	Armadillo Repeat Containing, X-linked 3	0.91	1.25	0.34	3.13	0.26	9.00E-01	-4.27	1.79E-03	6.51	2.34E-05	EGA4-2



ENSMMUG00000045049	LOC106995304	Uncharacterized LOC106995304	1.97	25.27	0.23	0.00	0.65	8.73E-01	-24.71	1.39E-22	#####	1.61E-06	EGA4-2
ENSMMUG0000008818	SMARCA1	SWI/SNF Related, Matrix Associated, Actin Dependent Regulator Of Chromatin, Subfamily A, Member 1	6.25	1.41	0.07	0.25	-1.34	3.72E-01	-5.80	7.45E-06	4.01	1.65E-02	EGA4-2
ENSMMUG00000047665			6.04	2.18	0.99	5.88	-0.93	5.62E-01	-3.78	3.61E-03	4.97	7.91E-04	EGA4-2
ENSMMUG0000003480			7.10	4.90	0.69	1.43	-0.79	4.62E-01	-4.20	3.17E-06	2.58	2.95E-02	EGA4-2
ENSMMUG00000010251	MTCP1	Mature T-cell Proliferation 1	5.18	1.90	0.11	0.63	-1.69	1.59E-01	-5.03	6.44E-06	3.82	6.89E-03	EGA4-2
ENSMMUG00000019211	FDFT1	Farnesyl-diphosphate Farnesyltransferase 1	99.79	43.76	19.07	42.95	-1.30	5.88E-02	-2.11	8.44E-04	1.69	4.56E-02	EGA4-2
ENSMMUG00000019208	GATA4	GATA Binding Protein 4	0.86	0.49	0.20	2.06	0.33	8.74E-01	-4.90	4.75E-04	7.29	9.83E-07	EGA4-2
ENSMMUG00000017711	LZTS1	Leucine Zipper Tumor Suppressor 1	0.09	0.17	0.07	0.64	0.13	9.64E-01	-4.94	1.48E-02	7.29	1.31E-03	EGA4-2
ENSMMUG00000012718	DPYSL2	Dihydropyrimidinase Like 2	24.98	13.19	4.03	11.15	-1.13	1.56E-01	-3.34	9.53E-07	2.56	2.35E-03	EGA4-2
ENSMMUG0000000208	NRG1	Neuregulin 1	4.57	5.42	1.00	0.96	-0.07	9.71E-01	-6.48	2.22E-08	5.04	3.21E-04	EGA4-2
ENSMMUG00000004846	LOC704722	Sterile Alpha Motif Domain-containing Protein 12	10.63	6.13	0.12	1.71	-1.34	4.80E-01	-6.86	2.05E-05	5.99	2.39E-03	EGA4-2
ENSMMUG00000002607			0.97	1.22	0.21	3.96	0.05	9.85E-01	-5.45	1.39E-03	5.91	2.54E-03	EGA4-2
ENSMMUG00000007152	SHARPIN	SHANK Associated RH Domain Interactor	3.53	3.38	0.69	2.42	0.26	8.95E-01	-3.09	1.78E-02	4.43	4.35E-03	EGA4-2
ENSMMUG00000010201	ATN1	Atrophin 1	5.78	12.70	3.27	15.68	0.64	5.27E-01	-2.53	1.39E-03	3.48	9.66E-05	EGA4-2
ENSMMUG00000038065			0.87	0.76	0.00	0.18	-2.56	4.29E-01	-27.25	1.38E-27	#####	1.77E-21	EGA4-2
ENSMMUG00000021979	ESYT1	Extended Synaptotagmin 1	0.44	4.31	0.56	3.60	2.45	7.81E-02	-2.66	4.78E-02	5.56	1.04E-04	EGA4-2
ENSMMUG00000021789	R3HDM2	R3H Domain Containing 2	17.87	38.12	8.03	22.22	1.11	1.69E-01	-2.60	1.89E-04	1.93	3.96E-02	EGA4-2
ENSMMUG00000001952	SRGAP1	SLIT-ROBO Rho GTPase Activating Protein 1	2.65	1.22	0.33	3.26	-2.17	1.42E-01	-2.87	4.23E-02	5.05	1.41E-03	EGA4-2
ENSMMUG00000004554			0.50	4.28	2.67	0.84	3.20	1.64E-01	-6.78	1.81E-03	5.74	4.49E-02	EGA4-2
ENSMMUG00000019649	KCTD10	Potassium Channel Tetramerization Domain Containing 10	24.62	9.30	2.89	5.59	-1.19	6.35E-02	-2.20	1.60E-04	1.64	3.57E-02	EGA4-2
ENSMMUG00000001909	CUX2	Cut Like Homeobox 2	1.63	0.46	0.14	0.66	-2.42	9.52E-02	-2.89	4.84E-02	4.41	1.02E-02	EGA4-2
ENSMMUG00000002081	BEND7	BEN Domain Containing 7	0.94	0.79	0.18	2.38	0.00	9.99E-01	-2.77	3.05E-02	5.46	9.35E-05	EGA4-2
ENSMMUG00000010587			0.89	7.26	0.00	0.16	3.91	3.49E-01	-29.09	9.66E-19	#####	5.65E-13	EGA4-2
ENSMMUG00000001374	SVIL	Supervillin	0.35	1.08	0.03	0.30	0.83	6.01E-01	-7.96	6.95E-09	4.69	4.42E-03	EGA4-2
ENSMMUG00000023415			6.19	3.12	0.00	0.12	-3.63	9.87E-02	-20.60	5.42E-25	#####	6.11E-12	EGA4-2
ENSMMUG00000021400	RHOBTB1	Rho Related BTB Domain Containing 1	1.14	1.24	0.26	1.67	-0.64	7.67E-01	-4.65	3.50E-03	5.20	6.54E-03	EGA4-2
ENSMMUG00000006841	MYOF	Myoferlin	69.38	37.22	5.86	22.67	-0.95	2.27E-01	-3.80	5.36E-09	2.95	1.32E-04	EGA4-2
ENSMMUG00000019633	FRAT2	FRAT2, WNT Signaling Pathway Regulator	4.35	8.28	1.06	3.16	0.78	4.46E-01	-3.42	3.01E-05	2.40	2.72E-02	EGA4-2
ENSMMUG00000004394	TRIM8	Tripartite Motif Containing 8	3.28	2.04	1.09	5.10	-0.73	5.41E-01	-3.33	4.02E-04	4.45	2.06E-05	EGA4-2
ENSMMUG00000015325			6.68	3.94	0.46	2.70	-1.72	1.54E-01	-4.49	2.39E-05	3.23	1.83E-02	EGA4-2
ENSMMUG00000038379			0.32	0.58	0.00	0.71	-3.48	6.98E-01	-21.43	1.06E-03	#####	2.54E-03	EGA4-2
ENSMMUG00000000441			0.62	3.57	0.04	0.50	0.02	9.94E-01	-6.23	1.31E-03	6.04	1.78E-02	EGA4-2
ENSMMUG000000009117			14.86	8.78	0.15	0.90	-1.67	3.07E-01	-5.43	8.58E-05	3.95	3.18E-02	EGA4-2
ENSMMUG00000003874	CTSD	Cathepsin D	8.41	8.78	4.82	53.47	0.20	9.03E-01	-2.46	1.96E-02	4.70	3.39E-05	EGA4-2
ENSMMUG00000000368	TSPAN18	Tetraspanin 18	11.19	3.16	0.82	7.36	-1.46	2.34E-01	-4.28	5.01E-05	4.98	3.39E-05	EGA4-2
ENSMMUG00000038590			1.24	0.80	0.00	0.04	-8.24	1.70E-01	-21.06	5.87E-05	#####	3.05E-05	EGA4-2
ENSMMUG000000042971			13.23	5.24	1.03	5.17	-1.62	2.11E-01	-4.40	1.95E-04	4.61	1.19E-03	EGA4-2
ENSMMUG00000002489			11.17	16.93	7.12	12.06	0.62	5.76E-01	-2.40	5.90E-03	2.58	1.79E-02	EGA4-2
ENSMMUG00000003717	PRSS23	Protease, Serine 23	9.88	3.21	1.62	12.80	-1.31	1.80E-01	-4.07	2.05E-06	5.64	8.82E-10	EGA4-2
ENSMMUG00000010218			12.25	26.42	0.20	0.62	0.77	6.49E-01	-9.28	2.08E-12	4.13	1.94E-02	EGA4-2
ENSMMUG00000022603	ARHGAP42	Rho GTPase Activating Protein 42	1.03	0.79	0.36	2.56	0.09	9.57E-01	-4.25	1.38E-04	5.05	5.13E-05	EGA4-2
ENSMMUG00000005440	ELMOD1	ELMO Domain Containing 1	0.98	2.31	0.72	4.38	-0.06	9.79E-01	-3.48	2.42E-02	4.82	8.43E-03	EGA4-2
ENSMMUG000000048435	ZC3H12C	Zinc Finger CCCH-type Containing 12C	0.74	1.25	0.19	0.89	-0.36	8.69E-01	-3.43	2.05E-02	5.55	7.30E-04	EGA4-2
ENSMMUG000000005482	KMT2A	Lysine Methyltransferase 2A	6.12	5.75	2.38	10.49	-0.12	9.21E-01	-2.10	5.74E-03	2.71	2.43E-03	EGA4-2
ENSMMUG00000012249	OAF	Out At First Homolog	3.98	3.03	0.63	2.91	-0.74	6.26E-01	-4.95	2.08E-05	4.52	9.88E-04	EGA4-2
ENSMMUG000000045516			5.81	5.84	0.09	2.32	-0.82	7.36E-01	-6.41	5.54E-04	5.85	1.25E-02	EGA4-2
ENSMMUG00000000376	BIN1	Bridging Integrator 1	2.68	1.56	0.71	2.94	-0.47	7.80E-01	-4.45	1.49E-04	5.02	2.02E-04	EGA4-2
ENSMMUG000000009593	WIPF1	WAS/WASL Interacting Protein Family Member 1	0.14	0.39	0.11	2.38	0.77	6.86E-01	-4.55	1.97E-03	8.03	8.38E-08	EGA4-2
ENSMMUG00000011574	CAVIN2	Caveolae Associated Protein 2	1.04	0.57	0.40	2.15	-0.79	6.10E-01	-3.21	9.45E-03	6.44	1.37E-06	EGA4-2

ENSMMUG00000039119			0.88	48.29	0.73	4.45	2.27	2.73E-01	-5.88	1.10E-03	6.49	3.88E-03	EGA4-2
ENSMMUG00000009009	BMPR2	Bone Morphogenetic Protein Receptor Type 2	16.80	9.24	2.30	13.12	-0.67	5.30E-01	-2.51	3.24E-03	3.05	2.42E-03	EGA4-2
ENSMMUG000000031276			3.66	3.27	1.10	4.48	-0.30	7.87E-01	-2.71	2.77E-04	2.74	2.23E-03	EGA4-2
ENSMMUG00000012321	FN1	Fibronectin 1	17.02	9.89	0.36	5.13	-0.14	9.42E-01	-6.34	1.90E-08	4.04	4.61E-03	EGA4-2
ENSMMUG000000047169	PDE6D	Phosphodiesterase 6D	4.01	5.19	0.64	5.35	0.00	1.00E+00	-3.38	1.70E-03	3.94	1.98E-03	EGA4-2
ENSMMUG00000003105	INPP5E	Inositol Polyphosphate-5-phosphatase E	5.51	5.91	0.75	2.08	0.39	8.01E-01	-4.36	3.47E-05	3.04	3.31E-02	EGA4-2
ENSMMUG000000023495	RALGPS1	Ral GEF With PH Domain And SH3 Binding Motif 1	1.09	1.42	0.16	0.86	1.19	4.34E-01	-5.14	3.26E-05	4.78	1.42E-03	EGA4-2
ENSMMUG000000013105	LOC702370	Astrotactin-2	1.86	2.07	0.07	0.86	-0.13	9.56E-01	-6.24	2.34E-05	5.58	1.61E-03	EGA4-2
ENSMMUG000000013099	PAPPA	Pappalysin 1	1.02	0.67	0.04	0.18	-2.43	1.44E-01	-4.15	1.03E-02	4.95	1.45E-02	EGA4-2
ENSMMUG000000012745	ZNF483	Zinc Finger Protein 483	3.23	5.48	0.42	1.58	1.21	4.80E-01	-6.07	1.11E-05	5.67	7.63E-04	EGA4-2
ENSMMUG000000017151	ZNF462	Zinc Finger Protein 462	3.75	2.99	0.96	3.39	-1.04	3.29E-01	-2.71	2.61E-03	3.16	3.29E-03	EGA4-2
ENSMMUG000000002853	CORO2A	Coronin 2A	16.67	5.79	0.83	2.06	-1.67	1.29E-01	-4.27	1.01E-05	3.08	1.41E-02	EGA4-2
ENSMMUG000000010213	GLI1PR2	GLI Pathogenesis Related 2	8.22	4.93	2.88	9.58	-1.15	2.37E-01	-2.13	1.45E-02	2.43	2.52E-02	EGA4-2
ENSMMUG000000010985	EQTN	Equatorin	9.11	3.32	0.92	2.94	-1.85	1.12E-01	-3.85	2.33E-04	3.10	2.27E-02	EGA4-2
ENSMMUG000000019388	MPDZ	Multiple PDZ Domain Crumbs Cell Polarity Complex Component	25.61	7.68	3.03	7.32	-1.34	1.10E-01	-2.22	3.69E-03	2.18	2.57E-02	EGA4-2
ENSMMUG000000006952	PTPRD	Protein Tyrosine Phosphatase, Receptor Type D	9.22	2.40	2.60	22.74	-1.63	9.54E-02	-2.89	1.24E-03	5.47	3.76E-09	EGA4-2
ENSMMUG000000013303	ALDH1A1	Aldehyde Dehydrogenase 1 Family Member A1	1.88	0.19	0.04	0.34	-1.64	4.83E-01	-4.42	4.01E-02	5.32	4.87E-02	EGA4-2
ENSMMUG000000008685	SLC28A3	Solute Carrier Family 28 Member 3	14.13	4.00	2.15	1.75	-1.74	1.12E-01	-4.25	1.14E-05	2.87	2.63E-02	EGA4-2
ENSMMUG000000042650			0.74	1.57	0.03	1.00	1.63	4.66E-01	-5.17	8.04E-03	5.41	3.04E-02	EGA4-2
ENSMMUG000000017096	SH3YL1	SH3 And SYLF Domain Containing 1	3.04	0.70	2.72	1.52	-1.87	8.28E-02	-3.03	5.27E-03	3.97	1.18E-03	EGA4-2
ENSMMUG000000018033	ASAP2	ArfGAP With SH3 Domain, Ankyrin Repeat And PH Domain 2	63.81	35.93	10.21	40.90	-0.66	5.00E-01	-2.64	6.56E-04	2.13	3.92E-02	EGA4-2
ENSMMUG000000016461	EFR3B	EFR3 Homolog B	4.20	6.43	0.93	8.13	0.55	7.26E-01	-5.53	1.41E-06	5.23	5.82E-05	EGA4-2
ENSMMUG000000021436	LTBP1	Latent Transforming Growth Factor Beta Binding Protein 1	7.45	3.48	0.71	3.69	-0.56	6.54E-01	-4.25	2.70E-06	4.28	4.42E-05	EGA4-2
ENSMMUG000000022261	PPM1B	Protein Phosphatase, Mg2+/Mn2+ Dependent 1B	12.13	6.85	2.58	8.40	-0.48	6.25E-01	-1.59	4.29E-02	1.96	4.98E-02	EGA4-2
ENSMMUG000000044941			1.94	1.86	0.04	0.10	-1.21	7.93E-01	-20.98	1.57E-11	#####	1.77E-05	EGA4-2
ENSMMUG000000022903	INPP4A	Inositol Polyphosphate-4-phosphatase Type I A	4.69	3.95	2.49	2.40	-0.24	8.76E-01	-2.96	2.84E-03	3.15	1.07E-02	EGA4-2
ENSMMUG000000004169	TMEM182	Transmembrane Protein 182	2.70	4.35	0.65	0.55	-0.94	5.85E-01	-5.26	9.95E-05	5.07	2.50E-03	EGA4-2
ENSMMUG000000041010			1.36	1.60	0.13	0.97	-1.13	7.11E-01	-5.31	2.54E-02	7.19	1.49E-02	EGA4-2
ENSMMUG000000002702	FREM2	FRAS1 Related Extracellular Matrix Protein 2	0.20	0.31	0.11	1.56	0.33	8.96E-01	-5.26	1.49E-03	6.95	1.58E-04	EGA4-2
ENSMMUG000000009890	FARP1	FERM, ARH/RhoGEF And Pleckstrin Domain Protein 1	10.22	6.94	1.31	6.82	-0.47	7.27E-01	-4.77	2.97E-07	4.44	3.86E-05	EGA4-2
ENSMMUG000000022280	COL4A1	Collagen Type IV Alpha 1 Chain	1.48	0.58	0.39	5.46	-0.21	9.18E-01	-4.70	2.47E-04	7.81	9.55E-09	EGA4-2
ENSMMUG000000022282	COL4A2	Collagen Type IV Alpha 2 Chain	1.29	0.39	0.33	2.25	-0.06	9.73E-01	-5.06	1.86E-05	6.67	1.16E-07	EGA4-2
ENSMMUG000000007428	GAS6	Growth Arrest Specific 6	2.32	1.91	0.75	5.86	0.39	8.51E-01	-4.64	8.72E-04	5.43	9.89E-04	EGA4-2
ENSMMUG000000048418			16.58	43.64	6.21	35.09	-0.04	9.86E-01	-4.85	1.91E-03	6.13	6.90E-04	EGA4-2
ENSMMUG000000012127	BCAS4	Breast Carcinoma Amplified Sequence 4	1.77	0.46	0.00	0.01	-4.53	2.39E-01	-28.37	2.72E-19	#####	8.35E-12	EGA4-2
ENSMMUG000000012029	SULF2	Sulfatase 2	11.58	4.92	4.11	18.51	-0.71	4.46E-01	-1.59	4.78E-02	3.61	1.59E-05	EGA4-2
ENSMMUG000000027232	MIR644	MicroRNA 644	0.32	0.03	0.22	1.18	-0.91	9.32E-01	-14.81	3.10E-02	#####	1.64E-02	EGA4-2
ENSMMUG000000003357	SREBF2	Sterol Regulatory Element Binding Transcription Factor 2	9.88	8.36	3.09	16.48	0.01	9.94E-01	-2.52	9.25E-04	2.63	4.47E-03	EGA4-2
ENSMMUG000000049087			2.51	4.36	0.00	0.10	0.58	9.00E-01	-23.12	1.50E-16	#####	1.41E-05	EGA4-2
ENSMMUG000000012523	FLOT2	Flotillin 2	11.74	7.52	1.16	7.49	-0.26	8.86E-01	-3.19	7.00E-03	3.57	1.59E-02	EGA4-2
ENSMMUG000000040384	MIR378J	MicroRNA 378j	0.06	0.19	0.00	0.86	8.32	2.82E-01	-22.16	6.69E-04	#####	9.36E-09	EGA4-2
ENSMMUG000000001505	KRT23	Keratin 23	3.15	1.76	0.25	0.69	-2.77	1.26E-01	-4.63	6.59E-03	5.08	1.50E-02	EGA4-2
ENSMMUG000000014633	ETV4	ETS Variant 4	0.26	0.97	0.82	4.95	1.22	4.83E-01	-3.76	1.04E-02	6.33	6.00E-05	EGA4-2
ENSMMUG000000012439	GNPTG	N-acetylglucosamine-1-phosphate Transferase Gamma Subunit	9.29	2.72	1.55	2.50	-1.67	1.83E-01	-3.86	7.08E-04	3.73	7.64E-03	EGA4-2
ENSMMUG000000046237	ABAT	4-aminobutyrate Aminotransferase	9.16	3.36	0.19	1.10	-1.21	2.61E-01	-4.16	4.28E-06	2.75	2.29E-02	EGA4-2
ENSMMUG000000015696	KIFC3	Kinesin Family Member C3	5.12	1.76	0.22	1.29	-0.98	4.20E-01	-4.14	2.36E-05	3.47	4.45E-03	EGA4-2

ENSMMUG0000005520	CDH11	Cadherin 11	1.40	1.17	0.02	0.17	0.11	9.49E-01	-6.64	1.70E-08	3.66	2.00E-02	EGA4-2
ENSMMUG00000021041	ZFH3	Zinc Finger Homeobox 3	29.63	29.82	2.52	11.88	0.14	9.16E-01	-4.29	8.25E-08	2.81	5.88E-03	EGA4-2
ENSMMUG00000015178	CDH2	Cadherin 2	22.40	6.39	3.72	10.78	-1.37	1.02E-01	-1.94	1.31E-02	2.79	1.98E-03	EGA4-2
ENSMMUG0000003041	MYO5B	Myosin VB	7.00	7.58	1.39	4.73	0.44	7.07E-01	-3.67	6.67E-06	2.72	9.06E-03	EGA4-2
ENSMMUG00000010402	CCBE1	Collagen And Calcium Binding EGF Domains 1	6.87	3.51	0.29	2.49	-1.31	3.70E-01	-4.85	6.66E-05	3.97	9.40E-03	EGA4-2
ENSMMUG00000008942	CNDP1	Carnosine Dipeptidase 1	1.11	0.80	0.21	0.94	0.27	8.88E-01	-2.77	3.41E-02	3.92	1.81E-02	EGA4-2
ENSMMUG00000048855	GNG7	G Protein Subunit Gamma 7	6.27	7.21	0.02	0.81	-0.96	7.45E-01	-21.53	5.42E-25	#####	1.48E-19	EGA4-2
ENSMMUG00000023303	EV15L	Ecotropic Viral Integration Site 5 Like	1.14	1.68	0.09	0.69	-0.92	7.10E-01	-4.86	1.08E-02	4.91	4.88E-02	EGA4-2
ENSMMUG00000038895			0.46	15.10	2.47	0.22	0.42	9.06E-01	-6.05	8.43E-03	6.19	3.62E-02	EGA4-2
ENSMMUG00000028749	APOC1	Apolipoprotein C1	3.45	9.08	1.24	4.34	-0.60	8.01E-01	-4.16	1.37E-02	6.53	5.82E-04	EGA4-2
ENSMMUG00000003190	CCDC8	Coiled-coil Domain Containing 8	1.08	0.47	0.05	0.28	-2.13	3.29E-01	-21.72	1.24E-32	#####	2.82E-40	EGA4-2
ENSMMUG00000037660			9.10	2.72	0.00	0.04	-3.38	4.53E-01	-20.13	1.92E-08	#####	4.94E-04	EGA4-2
ENSMMUG00000023355			1.51	2.84	1.28	2.53	0.80	3.20E-01	-2.03	4.33E-03	2.18	1.31E-02	EGA4-2
ENSMMUG00000017851	ZNF835	Zinc Finger Protein 835	0.86	0.38	0.86	0.03	-1.84	4.67E-01	-20.17	6.23E-23	#####	1.93E-12	EGA4-2
ENSMMUG00000037535			0.92	1.53	0.41	1.07	-0.18	9.36E-01	-3.35	2.44E-02	4.78	7.62E-03	EGA4-2
ENSMMUG00000044465			0.64	2.55	0.43	2.49	1.77	1.99E-01	-3.42	6.70E-03	3.95	1.15E-02	EGA4-2
ENSMMUG000000046575			1.25	38.13	1.44	1.58	2.46	9.96E-02	-5.87	1.49E-05	4.47	1.11E-02	EGA4-2
ENSMMUG00000039937			0.67	1.58	0.98	2.22	0.47	8.18E-01	-3.39	2.35E-02	4.07	2.57E-02	EGA4-2
ENSMMUG00000046293			0.38	3.33	0.19	2.36	0.96	6.42E-01	-5.33	7.83E-04	6.90	1.13E-04	EGA4-2
ENSMMUG00000047185			0.49	2.85	0.25	2.40	2.48	6.24E-02	-4.85	1.37E-04	5.32	4.32E-04	EGA4-2
ENSMMUG00000043377			0.99	11.48	0.19	0.28	-0.09	9.80E-01	-8.19	4.78E-04	6.80	2.54E-02	EGA4-2
ENSMMUG00000004677	AGTRAP	Angiotensin II Receptor Associated Protein	0.64	0.08	0.68	4.18	-3.23	5.45E-03	1.21	3.89E-01	4.08	1.73E-03	EGA4-3
ENSMMUG00000004767	TMEM222	Transmembrane Protein 222	0.85	0.63	0.86	1.91	-2.42	3.76E-02	1.12	3.95E-01	3.61	6.58E-03	EGA4-3
ENSMMUG00000006576	PBXIP1	PBX Homeobox Interacting Protein 1	0.66	0.19	0.25	0.63	-3.03	8.41E-03	1.25	3.44E-01	3.34	2.52E-02	EGA4-3
ENSMMUG00000020295	VANGL2	VANGL Planar Cell Polarity Protein 2	0.79	0.03	0.10	1.30	-3.48	1.52E-02	0.22	9.23E-01	4.75	4.03E-03	EGA4-3
ENSMMUG00000044802			0.19	0.03	0.42	2.78	-4.53	6.86E-03	2.76	1.26E-01	6.86	7.33E-05	EGA4-3
ENSMMUG00000021079	NME7	NME/NM23 Family Member 7	15.23	1.68	5.83	15.04	-3.49	7.84E-06	1.14	2.15E-01	2.37	2.26E-02	EGA4-3
ENSMMUG00000022208	SCCPDH	Saccharopine Dehydrogenase (putative)	7.74	0.79	0.47	10.74	-3.20	1.09E-02	-2.21	1.04E-01	6.54	1.09E-06	EGA4-3
ENSMMUG00000008791	CD47	CD47 Molecule	6.34	0.56	0.60	4.91	-5.50	5.58E-08	1.60	2.06E-01	3.25	1.52E-02	EGA4-3
ENSMMUG00000014516	ITGB5	Integrin Subunit Beta 5	1.64	0.54	0.82	3.27	-3.05	2.17E-02	0.51	7.79E-01	4.40	3.81E-03	EGA4-3
ENSMMUG00000006340	SLC6A6	Solute Carrier Family 6 Member 6	4.87	0.80	2.11	8.92	-4.84	2.16E-04	0.22	9.14E-01	5.22	6.90E-04	EGA4-3
ENSMMUG00000007191	PPARG	Peroxisome Proliferator Activated Receptor Gamma	1.55	0.34	0.08	0.82	-3.64	2.95E-02	-2.63	1.49E-01	6.66	3.60E-04	EGA4-3
ENSMMUG00000000623	P3H2	Prolyl 3-hydroxylase 2	2.77	0.97	0.25	3.44	-2.82	3.08E-02	-2.36	7.74E-02	6.38	1.74E-06	EGA4-3
ENSMMUG00000009691	C5H4orf19	Chromosome 5 Open Reading Frame, Human C4orf19	5.39	1.87	0.89	3.25	-2.95	1.64E-02	-1.35	3.32E-01	4.59	8.48E-04	EGA4-3
ENSMMUG00000007030	C2CD2	C2 Calcium Dependent Domain Containing 2	3.06	0.39	0.79	2.20	-3.01	3.71E-04	0.29	8.16E-01	2.24	4.87E-02	EGA4-3
ENSMMUG00000022394	EGFR	Epidermal Growth Factor Receptor	1.48	0.43	0.21	2.44	-3.36	1.96E-02	-0.51	8.02E-01	6.38	3.77E-05	EGA4-3
ENSMMUG00000010846	ARL4A	ADP Ribosylation Factor Like GTPase 4A	2.54	1.00	0.50	3.18	-2.77	3.17E-02	-0.48	7.84E-01	4.00	8.72E-03	EGA4-3
ENSMMUG00000027138			0.14	0.03	0.26	0.52	-21.41	1.16E-03	1.80	8.53E-01	#####	2.12E-02	EGA4-3
ENSMMUG00000044463	TRPV5	Transient Receptor Potential Cation Channel Subfamily V Member 5	0.81	0.25	0.73	2.79	-2.74	3.05E-02	-2.64	5.99E-02	4.86	7.30E-04	EGA4-3
ENSMMUG00000003569	ARRDC3	Arrestin Domain Containing 3	1.90	3.88	0.97	4.55	-5.09	1.58E-03	2.17	2.33E-01	4.36	3.72E-02	EGA4-3
ENSMMUG00000001948	FBXL21	F-box And Leucine Rich Repeat Protein 21	1.13	0.00	0.01	0.82	-7.49	3.30E-08	0.26	9.21E-01	3.96	4.80E-02	EGA4-3
ENSMMUG00000013715	PAQR8	Progesterin And AdipoQ Receptor Family Member 8	3.96	0.45	1.62	1.88	-4.10	1.61E-03	0.58	7.49E-01	3.44	4.42E-02	EGA4-3
ENSMMUG00000008684	GCLC	Glutamate-cysteine Ligase Catalytic Subunit	4.44	1.11	2.09	15.13	-1.89	4.34E-02	-0.36	7.70E-01	4.77	3.37E-07	EGA4-3
ENSMMUG00000004829	BCKDHB	Branched Chain Keto Acid Dehydrogenase E1 Subunit Beta	10.12	0.54	1.49	7.19	-5.48	6.26E-06	0.23	9.08E-01	4.16	7.25E-03	EGA4-3
ENSMMUG00000019450			10.16	4.79	5.62	7.36	-1.84	1.13E-02	-0.68	4.25E-01	2.12	1.74E-02	EGA4-3
ENSMMUG00000048195			0.39	0.11	0.38	1.99	-3.42	1.78E-02	1.16	5.12E-01	4.02	2.13E-02	EGA4-3
ENSMMUG00000013782	LAMA4	Laminin Subunit Alpha 4	0.26	0.16	0.72	4.69	-3.78	6.05E-03	-1.78	2.80E-01	9.89	7.03E-13	EGA4-3
ENSMMUG00000003544	LACTB	Lactamase Beta	0.70	0.21	0.76	1.47	-3.37	1.29E-03	2.13	5.43E-02	3.00	2.46E-02	EGA4-3

ENSMMUG00000015085	THAP10	THAP Domain Containing 10	1.42	0.01	0.06	0.70	-7.50	3.06E-08	2.42	1.35E-01	4.56	1.04E-02	EGA4-3
ENSMMUG00000043001	MFGE8	Milk Fat Globule-EGF Factor 8 Protein	11.14	2.29	3.83	30.26	-2.85	6.27E-03	0.32	8.34E-01	3.24	1.04E-02	EGA4-3
ENSMMUG00000029504	GDPGP1	GDP-D-glucose Phosphorylase 1	1.41	0.20	0.67	1.45	-4.67	3.43E-03	1.67	3.84E-01	5.06	1.07E-02	EGA4-3
ENSMMUG00000005108	RCCD1	RCC1 Domain Containing 1	0.85	0.21	0.16	1.03	-6.07	9.39E-04	1.14	6.46E-01	6.03	1.05E-02	EGA4-3
ENSMMUG00000017261	GALC	Galactosylceramidase	1.66	0.54	1.01	5.87	-2.80	6.95E-03	0.54	6.98E-01	3.96	8.48E-04	EGA4-3
ENSMMUG00000018687	CD99	CD99 Molecule (Xg Blood Group)	8.43	2.96	11.03	30.57	-2.80	3.28E-03	1.24	2.48E-01	3.13	6.38E-03	EGA4-3
ENSMMUG00000003082	PAGE4	PAGE Family Member 4	0.79	0.03	6.30	3.25	-6.16	1.35E-02	0.76	8.35E-01	7.39	1.16E-02	EGA4-3
ENSMMUG00000023056	CLCN5	Chloride Voltage-gated Channel 5	16.42	2.30	3.99	9.93	-2.45	7.07E-04	-0.02	9.84E-01	2.40	7.39E-03	EGA4-3
ENSMMUG000000023604	ARMCX1	Armadillo Repeat Containing, X-linked 1	0.62	0.19	0.50	3.56	-3.38	3.56E-02	1.54	4.01E-01	4.48	1.84E-02	EGA4-3
ENSMMUG00000000809	PLP1	Proteolipid Protein 1	3.42	0.18	0.55	2.95	-4.45	1.17E-03	-0.64	7.39E-01	4.99	1.91E-03	EGA4-3
ENSMMUG00000005501			1.86	0.82	7.02	16.60	-2.87	3.00E-02	1.25	4.08E-01	6.89	6.68E-07	EGA4-3
ENSMMUG00000009481	TMLHE	Trimethyllysine Hydroxylase, Epsilon	0.50	0.23	0.49	1.04	-3.90	1.22E-02	2.15	2.06E-01	4.21	3.78E-02	EGA4-3
ENSMMUG00000043506	TDRP	Testis Development Related Protein	35.51	1.81	5.66	7.47	-4.51	2.53E-08	-1.46	1.27E-01	3.53	4.78E-04	EGA4-3
ENSMMUG00000019212	CTSB	Cathepsin B	41.94	10.39	34.89	#####	-1.82	3.73E-02	1.37	1.29E-01	3.41	2.75E-04	EGA4-3
ENSMMUG00000003217	TM7SF3	Transmembrane 7 Superfamily Member 3	3.96	0.39	0.75	2.60	-3.52	7.00E-03	-1.53	3.33E-01	4.11	1.65E-02	EGA4-3
ENSMMUG00000042265	THAP2	THAP Domain Containing 2	0.92	0.37	0.14	0.18	-3.65	2.20E-02	-2.61	1.22E-01	4.69	2.02E-02	EGA4-3
ENSMMUG00000010236	WSB2	WD Repeat And SOCS Box Containing 2	9.43	3.32	4.11	8.78	-3.00	5.85E-05	0.61	5.27E-01	3.00	7.29E-04	EGA4-3
ENSMMUG00000017115	IDI1	Isopentenyl-diphosphate Delta Isomerase 1	4.44	1.40	3.42	10.65	-2.62	4.90E-03	1.09	3.08E-01	2.59	2.81E-02	EGA4-3
ENSMMUG00000015034	PIP4K2A	Phosphatidylinositol-5-phosphate 4-kinase Type 2 Alpha	17.28	2.90	3.34	8.78	-2.44	4.28E-04	-0.16	8.82E-01	2.12	1.68E-02	EGA4-3
ENSMMUG00000015405			2.96	0.46	0.49	1.29	-5.96	4.32E-06	0.67	7.27E-01	5.36	1.73E-03	EGA4-3
ENSMMUG00000020402	MCU	Mitochondrial Calcium Uniporter Family With Sequence Similarity 241 Member B	4.47	0.65	3.64	8.42	-2.19	3.48E-02	1.03	3.80E-01	2.65	4.06E-02	EGA4-3
ENSMMUG00000016240	FAM241B		4.51	0.13	0.50	1.16	-4.62	1.25E-04	0.88	5.79E-01	3.54	2.87E-02	EGA4-3
ENSMMUG00000022598			4.20	0.67	0.89	4.46	-2.84	2.95E-02	-2.18	1.14E-01	4.66	1.53E-03	EGA4-3
ENSMMUG00000015148	RAB3IL1	RAB3A Interacting Protein Like 1	0.24	0.09	0.50	3.82	-4.37	9.32E-03	1.46	4.75E-01	9.12	1.57E-07	EGA4-3
ENSMMUG00000040741	TMX2	Thioredoxin Related Transmembrane Protein 2	18.21	2.45	8.94	23.35	-4.15	1.83E-08	1.32	1.24E-01	2.46	1.13E-02	EGA4-3
ENSMMUG00000020953	MICAL2	Microtubule Associated Monooxygenase, Calponin And LIM Domain Containing 2	1.39	0.13	0.16	0.44	-4.15	1.75E-03	-1.74	2.90E-01	3.99	2.21E-02	EGA4-3
ENSMMUG00000019751	PPFIBP2	PPFIA Binding Protein 2	4.64	1.31	1.63	5.41	-2.03	4.51E-02	-1.04	3.54E-01	2.77	2.30E-02	EGA4-3
ENSMMUG00000007675	SERPINH1	Serpin Family H Member 1	2.61	0.62	1.52	17.31	-5.10	4.81E-05	-0.63	7.35E-01	9.49	1.04E-12	EGA4-3
ENSMMUG00000022139	CTSC	Cathepsin C	2.60	0.13	0.24	1.36	-6.01	2.66E-06	0.30	8.83E-01	3.73	2.96E-02	EGA4-3
ENSMMUG00000000796	KDEL2	KDEL Motif Containing 2	4.00	0.70	0.47	6.89	-3.65	2.48E-03	-2.17	1.01E-01	5.39	6.01E-05	EGA4-3
ENSMMUG00000020491	VWA5A	Von Willebrand Factor A Domain Containing 5A	0.42	0.03	1.17	2.49	-5.64	1.14E-03	3.64	5.50E-02	4.84	1.68E-02	EGA4-3
ENSMMUG00000008829	TFCP2L1	Transcription Factor CP2 Like 1	2.96	1.00	4.87	32.51	-2.46	3.41E-02	1.43	2.58E-01	3.23	2.00E-02	EGA4-3
ENSMMUG00000017180	FRMD3	FERM Domain Containing 3	2.01	0.88	0.37	0.23	-3.66	9.26E-03	-2.01	1.91E-01	4.29	1.31E-02	EGA4-3
ENSMMUG00000039871			7.15	2.09	1.51	3.39	-2.38	2.61E-02	-1.95	7.37E-02	2.68	4.78E-02	EGA4-3
ENSMMUG00000014464	FOSL2	FOS Like 2, AP-1 Transcription Factor Subunit	1.79	1.70	1.84	4.34	-3.08	2.30E-02	0.78	6.46E-01	4.36	4.34E-03	EGA4-3
ENSMMUG00000008770	UGP2	UDP-glucose Pyrophosphorylase 2	22.13	6.33	6.72	12.98	-1.62	3.46E-02	-0.27	7.95E-01	2.08	2.57E-02	EGA4-3
ENSMMUG00000030785	VAMP8	Vesicle Associated Membrane Protein 8	3.37	0.38	0.74	5.69	-5.10	2.37E-03	0.35	8.91E-01	5.61	4.42E-03	EGA4-3
ENSMMUG00000037501			6.32	1.57	0.56	2.47	-3.02	2.82E-03	-1.24	3.10E-01	3.06	2.86E-02	EGA4-3
ENSMMUG00000012297	PARP4	Poly(ADP-ribose) Polymerase Family Member 4	5.67	0.57	1.71	12.36	-3.85	2.22E-06	1.09	2.68E-01	3.48	3.34E-04	EGA4-3
ENSMMUG00000021370			2.08	0.02	2.52	2.97	-7.31	9.93E-06	2.56	1.90E-01	4.43	3.98E-02	EGA4-3
ENSMMUG00000006495	PEMT	Phosphatidylethanolamine N-methyltransferase	0.91	0.55	2.46	6.22	-4.15	1.06E-02	1.55	4.17E-01	5.64	1.79E-03	EGA4-3
ENSMMUG00000006847	RDM1	RAD52 Motif Containing 1	4.21	0.55	6.18	10.81	-3.50	7.00E-03	1.40	3.60E-01	3.58	2.95E-02	EGA4-3
ENSMMUG00000019039	OSBPL3	Oxysterol Binding Protein Like 7	1.55	0.19	0.41	4.77	-3.32	4.96E-03	0.30	8.67E-01	3.48	1.83E-02	EGA4-3
ENSMMUG00000013056	NT5C3B	5'-nucleotidase, Cytosolic IIIB	5.25	2.72	4.67	4.30	-4.41	1.24E-03	0.42	8.36E-01	4.51	6.89E-03	EGA4-3
ENSMMUG00000010373	LOC702286	Metallothionein 1F-like	0.62	0.43	1.01	6.73	-4.72	1.68E-02	1.58	5.09E-01	5.50	1.93E-02	EGA4-3
ENSMMUG00000010374			23.19	5.27	6.06	19.87	-2.55	2.29E-02	-0.58	6.99E-01	3.11	2.67E-02	EGA4-3
ENSMMUG00000004321	LAMA3	Laminin Subunit Alpha 3	0.52	0.28	0.74	4.69	-2.66	5.80E-03	0.82	4.80E-01	4.80	2.16E-06	EGA4-3

ENSMMUG00000011037	SLC14A1	Solute Carrier Family 14 Member 1 (Kidd Blood Group)	1.74	0.09	0.10	0.68	-6.06	4.67E-06	-0.60	7.67E-01	4.64	7.64E-03	EGA4-3
ENSMMUG00000048128	HSBP1L1	Heat Shock Factor Binding Protein 1 Like 1	1.04	0.17	0.21	8.72	-2.81	1.84E-02	1.29	3.79E-01	7.35	3.66E-10	EGA4-3
ENSMMUG00000022908	WLS	Wntless Wnt Ligand Secretion Mediator	96.49	24.64	7.26	11.79	-1.87	4.13E-02	-4.53	3.74E-08	3.04	3.29E-03	EGA4-4
ENSMMUG00000021078	ATP1B1	ATPase Na <sup>+</sup> /K <sup>+</sup> Transporting Subunit Beta 1	#####	68.58	32.59	#####	-1.90	1.55E-02	-1.79	2.19E-02	2.55	5.61E-03	EGA4-4
ENSMMUG00000012605	SLCO2A1	Solute Carrier Organic Anion Transporter Family Member 2A1	3.77	4.19	1.21	4.67	-2.64	2.88E-02	-4.85	1.47E-04	5.19	1.49E-04	EGA4-4
ENSMMUG00000007365	PALLD	Palladin, Cytoskeletal Associated Protein	35.30	8.45	3.63	21.76	-2.13	7.55E-03	-2.49	1.36E-03	3.48	6.07E-05	EGA4-4
ENSMMUG00000004257	BACE2	Beta-site APP-cleaving Enzyme 2	6.04	0.63	0.47	0.45	-4.29	3.72E-03	-4.59	3.18E-03	4.21	3.20E-02	EGA4-4
ENSMMUG00000002936	GMPT	Guanosine Monophosphate Reductase	38.70	1.84	1.22	5.55	-4.58	5.08E-07	-2.68	7.69E-03	3.15	8.36E-03	EGA4-4
ENSMMUG00000018201	NID2	Nidogen 2	21.63	7.39	5.55	76.83	-2.05	3.46E-02	-1.97	4.13E-02	4.57	4.40E-06	EGA4-4
ENSMMUG00000006855	ACOT2	Acyl-CoA Thioesterase 2	6.46	2.82	0.53	2.10	-2.19	4.96E-02	-2.57	1.66E-02	2.80	4.18E-02	EGA4-4
ENSMMUG00000014048	ACE2	Angiotensin I Converting Enzyme (peptidyl-dipeptidase A) 2	65.09	17.23	2.55	14.17	-2.05	3.00E-02	-4.46	2.31E-07	4.24	2.02E-05	EGA4-4
ENSMMUG00000013135	SRPX	Sushi Repeat Containing Protein, X-linked	6.41	0.82	0.48	1.18	-3.01	9.15E-03	-2.99	1.38E-02	3.54	1.97E-02	EGA4-4
ENSMMUG00000047938			3.19	0.34	1.17	0.03	-6.02	2.51E-02	-21.57	5.07E-18	#####	4.68E-15	EGA4-4
ENSMMUG00000009663	C9H10orf90	Chromosome 9 Open Reading Frame, Human C10orf90	5.34	1.33	2.27	13.28	-2.43	8.91E-03	-2.15	2.35E-02	4.56	3.47E-06	EGA4-4
ENSMMUG00000000513	OSBPL5	Oxysterol Binding Protein Like 5	10.79	4.44	0.23	3.33	-2.52	2.07E-02	-4.98	2.52E-06	3.68	4.87E-03	EGA4-4
ENSMMUG00000006336			7.50	0.54	0.15	1.14	-3.96	2.64E-03	-4.73	1.80E-03	5.71	5.21E-04	EGA4-4
ENSMMUG00000030838	GTF2A1L	General Transcription Factor IIA Subunit 1 Like	7.76	1.01	0.51	2.64	-2.72	8.67E-03	-2.50	1.72E-02	4.13	4.05E-04	EGA4-4
ENSMMUG00000000857	ANXA4	Annexin A4	6.50	0.64	0.19	2.39	-3.92	1.55E-04	-3.29	2.64E-03	5.34	5.56E-06	EGA4-4
ENSMMUG00000013749	FERMT1	Fermitin Family Member 1	0.71	0.30	0.17	1.59	-3.17	3.76E-02	-3.54	2.81E-02	5.09	5.04E-03	EGA4-4
ENSMMUG00000041755			1.43	0.02	0.00	0.07	-6.45	2.91E-03	-7.26	1.72E-03	7.17	9.17E-03	EGA4-4
ENSMMUG00000001538	GRAMD1A	GRAM Domain Containing 1A	1.51	0.49	0.42	3.33	-2.49	2.95E-02	-2.92	1.36E-02	6.29	2.06E-07	EGA4-4

a) FPKM: Fragments Per Kilobase of transcript per Million mapped reads.

b) L2FC: Log fold change of base 2.

c) FDR: False discovery rate. Adjusted p-value using the Benjamin-Hochberg method.