

Table S4 - EGA2 super-group DEGs

Ensembl ID	Symbol	GeneName	FPKM <sup>a</sup>				MII:8-Cell		8-Cell:Morula		Morula:Blast		Sub-Group
			MII	8Cell	Morula	Exp. Blast	L2FC <sup>b</sup>	FDR <sup>c</sup>	L2FC	FDR	L2FC	FDR	
ENSMMUG00000015800	NOC2L	NOC2 Like Nucleolar Associated Transcriptional Repressor	1.61	15.32	8.50	5.79	3.29	1.64E-04	-0.68	5.48E-01	-0.62	7.68E-01	EGA2-1
ENSMMUG00000001549	LOC702125	ATPase Family AAA Domain-containing Protein 3A	0.12	4.53	12.36	12.81	6.08	2.84E-09	1.71	1.36E-01	0.54	8.46E-01	EGA2-1
ENSMMUG000000042613	KLHL21	Kelch Like Family Member 21	0.13	4.96	1.91	1.30	4.53	8.61E-05	-1.58	2.42E-01	-0.18	9.68E-01	EGA2-1
ENSMMUG00000030440	LOC698665	Ankyrin Repeat Domain-containing Protein 20A4-like	0.77	13.00	19.11	5.16	4.15	8.67E-06	0.12	9.41E-01	-1.80	2.23E-01	EGA2-1
ENSMMUG00000007456	TARDBP	TAR DNA Binding Protein	21.71	71.84	56.78	43.21	1.74	1.83E-02	-0.53	5.52E-01	-0.15	9.52E-01	EGA2-1
ENSMMUG00000019321	SRM	Spermidine Synthase	10.52	69.22	116.92	140.24	2.49	3.99E-03	0.61	5.74E-01	0.33	8.94E-01	EGA2-1
ENSMMUG00000019322	EXOSC10	Exosome Component 10	32.87	55.43	57.68	35.33	0.85	2.86E-02	0.06	9.22E-01	-0.75	1.74E-01	EGA2-1
ENSMMUG00000012469	KIAA2013	KIAA2013 Ortholog	8.17	42.83	22.72	24.21	2.16	2.28E-02	-1.23	2.32E-01	0.97	5.82E-01	EGA2-1
ENSMMUG00000023449	MFN2	Mitofusin 2	39.21	96.24	86.89	50.97	1.05	2.56E-02	-0.12	8.56E-01	-0.94	1.49E-01	EGA2-1
ENSMMUG000000041024	LOC715996	PRAME Family Member 25	0.10	81.86	21.78	2.57	9.19	1.24E-20	-2.13	5.69E-02	-2.38	1.18E-01	EGA2-1
ENSMMUG00000008026	SPEN	Spen Family Transcriptional Repressor	1.12	14.19	21.46	19.66	3.87	2.09E-06	0.58	5.94E-01	0.26	9.20E-01	EGA2-1
ENSMMUG00000010970	HNRNPR	Heterogeneous Nuclear Ribonucleoprotein R	14.58	44.09	36.32	35.20	1.45	4.45E-02	0.11	9.19E-01	-0.20	9.26E-01	EGA2-1
ENSMMUG00000002445	LOC705400	60S Ribosomal Protein L11-like	95.60	298.05	418.43	402.27	1.72	2.12E-06	0.54	2.05E-01	0.03	9.83E-01	EGA2-1
ENSMMUG00000003173	ELOA	Elongin A	4.37	29.90	14.24	11.96	2.68	3.41E-07	-0.98	1.01E-01	-0.22	8.87E-01	EGA2-1
ENSMMUG00000019551	LYPLA2	Lysophospholipase II	0.49	3.31	1.69	6.13	2.82	4.89E-02	-1.33	4.07E-01	1.25	6.49E-01	EGA2-1
ENSMMUG000000038340			0.23	0.60	1.17	0.67	4.07	6.86E-03	-0.98	5.94E-01	0.37	9.40E-01	EGA2-1
ENSMMUG00000013783	PNRC2	Proline Rich Nuclear Receptor Coactivator 2	5.37	23.73	15.93	23.79	2.50	5.83E-08	-1.01	5.01E-02	0.83	2.82E-01	EGA2-1
ENSMMUG000000047959			0.96	7.66	13.15	20.90	3.36	1.86E-02	-0.13	9.52E-01	0.71	8.39E-01	EGA2-1
ENSMMUG000000037652	LOC719289	40S Ribosomal Protein S27-like	20.32	91.07	152.40	156.25	2.21	2.22E-06	0.61	2.75E-01	0.23	8.58E-01	EGA2-1
ENSMMUG00000006645	SRRM1	Serine And Arginine Repetitive Matrix 1	12.56	88.52	95.20	76.98	2.47	3.77E-11	0.32	5.29E-01	-0.07	9.66E-01	EGA2-1
ENSMMUG000000039842			0.90	9.24	15.87	19.53	3.76	4.85E-07	0.16	8.93E-01	0.27	9.06E-01	EGA2-1
ENSMMUG00000019986			7.42	67.01	58.54	29.11	3.35	2.22E-08	-0.36	6.69E-01	-0.76	5.20E-01	EGA2-1
ENSMMUG000000045223	FAM110D	Family With Sequence Similarity 110 Member D	0.01	2.20	0.61	0.05	6.98	4.49E-04	-3.26	1.37E-01	-2.40	5.51E-01	EGA2-1
ENSMMUG000000044953	LIN28A	Lin-28 Homolog A	0.08	44.80	50.43	42.75	9.14	4.34E-29	-0.24	8.46E-01	-0.32	8.98E-01	EGA2-1
ENSMMUG00000013855	SFN	Stratifin	0.07	6.26	1.21	5.37	6.11	1.63E-04	-1.17	5.55E-01	-0.88	8.30E-01	EGA2-1
ENSMMUG000000021031	TRNP1	TMF1-regulated Nuclear Protein 1	0.17	1.47	2.67	2.83	3.69	2.63E-03	0.50	7.65E-01	0.67	8.25E-01	EGA2-1
ENSMMUG00000018678	ATPIF1	ATPase Inhibitory Factor 1	14.08	49.18	24.46	35.91	1.47	2.74E-02	-0.90	2.08E-01	0.72	5.54E-01	EGA2-1
ENSMMUG00000019216	PHACTR4	Phosphatase And Actin Regulator 4	7.27	24.82	13.09	7.59	1.41	2.57E-02	-0.38	6.22E-01	-0.49	7.12E-01	EGA2-1
ENSMMUG00000018338	RCC1	Regulator Of Chromosome Condensation 1	2.95	22.12	18.01	11.32	2.80	8.11E-03	-0.78	5.49E-01	0.07	9.86E-01	EGA2-1
ENSMMUG00000006561	TRNAU1AP	TRNA Selenocysteine 1 Associated Protein 1	1.08	9.61	19.26	23.94	4.17	2.01E-08	-0.20	8.66E-01	0.10	9.74E-01	EGA2-1
ENSMMUG00000015580	TXLNA	Taxilin Alpha	1.02	14.24	15.56	7.86	4.02	4.48E-06	-0.63	5.89E-01	-0.89	6.35E-01	EGA2-1
ENSMMUG00000006119	EIF3I	Eukaryotic Translation Initiation Factor 3 Subunit I	8.35	52.37	56.17	48.35	2.98	4.96E-05	-0.28	7.95E-01	0.61	7.16E-01	EGA2-1
ENSMMUG000000046522			0.42	5.89	1.81	5.18	3.47	2.60E-02	-2.07	2.14E-01	3.64	7.67E-02	EGA2-1
ENSMMUG00000009948	HDAC1	Histone Deacetylase 1	3.58	41.27	22.78	26.67	4.11	3.34E-10	-1.22	1.08E-01	0.45	7.91E-01	EGA2-1

ENSMMUG00000047454	SYNC	Syncoilin, Intermediate Filament Protein	0.13	3.87	0.57	0.94	3.48	1.24E-02	-2.59	7.38E-02	3.52	6.50E-02	EGA2-1
ENSMMUG00000016479	ZMYM1	Zinc Finger MYM-type Containing 1	0.51	5.06	5.64	10.20	3.03	2.88E-03	0.51	7.12E-01	0.67	7.80E-01	EGA2-1
ENSMMUG00000032194			3.03	42.91	37.05	33.68	3.26	1.82E-03	0.81	5.35E-01	-0.57	8.29E-01	EGA2-1
ENSMMUG00000019154	SFPQ	Splicing Factor Proline And Glutamine Rich	18.68	42.43	38.34	49.79	1.27	2.36E-03	0.03	9.62E-01	-0.18	8.76E-01	EGA2-1
ENSMMUG00000043924			24.25	63.47	58.26	126.09	1.81	3.00E-02	-1.27	1.42E-01	1.48	2.19E-01	EGA2-1
ENSMMUG00000003343	AGO4	Argonaute 4, RISC Catalytic Component	0.23	2.11	0.57	0.47	3.90	3.66E-07	-1.55	7.23E-02	-1.35	2.99E-01	EGA2-1
ENSMMUG00000014622	THRAP3	Thyroid Hormone Receptor Associated Protein 3	6.24	41.23	35.23	40.00	2.61	3.05E-06	0.09	9.27E-01	0.20	9.06E-01	EGA2-1
ENSMMUG00000008419	GNL2	G Protein Nucleolar 2	30.67	96.15	69.26	34.31	1.40	4.03E-03	-0.24	7.10E-01	-0.55	5.48E-01	EGA2-1
ENSMMUG00000022040	MANEAL	Mannosidase Endo-alpha Like	0.01	3.34	0.72	0.66	6.15	6.82E-03	-1.56	5.60E-01	-1.05	8.52E-01	EGA2-1
ENSMMUG00000043836	LOC696544	40S Ribosomal Protein S10 Pseudogene	3.91	25.71	19.59	13.70	2.66	4.18E-04	-0.58	5.48E-01	-0.41	8.35E-01	EGA2-1
ENSMMUG00000014138	FOXJ3	Forkhead Box J3	4.11	14.69	10.95	6.19	1.69	6.35E-04	-0.24	7.25E-01	-0.67	4.51E-01	EGA2-1
ENSMMUG00000013136	YBX1	Y-box Binding Protein 1	112.54	647.72	541.82	382.63	2.39	1.52E-12	-0.44	3.05E-01	-0.35	6.48E-01	EGA2-1
ENSMMUG00000002640	EBNA1BP2	EBNA1 Binding Protein 2	4.14	34.20	30.87	18.84	3.06	4.41E-07	-0.15	8.75E-01	-0.56	6.85E-01	EGA2-1
ENSMMUG00000015150	DPH2	DPH2 Homolog	0.28	7.86	4.89	3.15	4.98	6.26E-07	-0.82	5.33E-01	0.11	9.76E-01	EGA2-1
ENSMMUG00000012993	HECTD3	HECT Domain E3 Ubiquitin Protein Ligase 3	2.67	10.31	20.61	19.79	2.00	6.52E-03	0.49	5.97E-01	0.06	9.83E-01	EGA2-1
ENSMMUG00000020078	HPDL	4-hydroxyphenylpyruvate Dioxygenase Like	0.01	1.35	2.63	0.62	7.90	8.19E-06	0.62	7.94E-01	-3.23	2.09E-01	EGA2-1
ENSMMUG00000017375	CMPK1	Cytidine/uridine Monophosphate Kinase 1	4.07	12.81	11.47	10.99	1.86	1.87E-02	-0.26	8.15E-01	0.16	9.52E-01	EGA2-1
ENSMMUG00000040728	LOC711309	Cytochrome C-like	40.83	130.57	186.93	127.64	1.39	2.44E-02	0.79	2.40E-01	-0.31	8.36E-01	EGA2-1
ENSMMUG00000012112	RNF11	Ring Finger Protein 11	6.11	41.16	27.24	5.73	2.52	4.35E-04	-0.34	7.33E-01	-1.79	7.08E-02	EGA2-1
ENSMMUG00000004738	NRDC	Nardilysin Convertase	3.47	12.59	14.18	20.76	1.53	8.60E-03	0.54	4.28E-01	0.53	6.57E-01	EGA2-1
ENSMMUG00000043685			0.43	9.01	3.41	3.12	6.12	2.11E-04	-1.81	3.31E-01	1.52	6.52E-01	EGA2-1
ENSMMUG00000014503			0.89	16.63	18.65	4.40	4.69	2.32E-09	-0.38	7.37E-01	-1.63	1.97E-01	EGA2-1
ENSMMUG00000031232			2.10	10.85	22.89	14.09	2.21	7.51E-04	0.75	3.33E-01	-0.16	9.45E-01	EGA2-1
ENSMMUG00000006485	L1TD1	LINE1 Type Transposase Domain Containing 1	1.15	531.32	704.05	293.08	8.49	6.99E-32	0.91	3.35E-01	-1.42	2.56E-01	EGA2-1
ENSMMUG00000002340	DOCK7	Dedicator Of Cytokinesis 7	1.20	5.69	7.42	10.51	2.09	4.84E-03	0.50	5.90E-01	0.41	8.22E-01	EGA2-1
ENSMMUG00000000641	WDR78	WD Repeat Domain 78	0.12	1.11	0.35	0.34	3.40	4.41E-02	-2.48	1.60E-01	2.85	2.68E-01	EGA2-1
ENSMMUG00000000652	SERBP1	SERPINE1 MRNA Binding Protein 1	63.97	218.47	260.40	221.48	1.59	3.16E-04	0.46	3.91E-01	-0.07	9.66E-01	EGA2-1
ENSMMUG00000044712			0.45	2.46	5.34	6.68	2.80	1.81E-05	0.98	1.93E-01	1.19	2.62E-01	EGA2-1
ENSMMUG00000013853	ANKRD13C	Ankyrin Repeat Domain 13C	2.04	8.06	12.12	5.10	2.78	1.27E-03	-0.65	5.50E-01	-0.38	8.73E-01	EGA2-1
ENSMMUG00000019326	CTH	Cystathionine Gamma-lyase	0.14	1.11	3.01	2.34	4.65	9.28E-04	1.21	4.75E-01	0.87	7.99E-01	EGA2-1
ENSMMUG00000008682			1.07	6.55	4.58	3.68	2.28	2.25E-02	-0.31	8.26E-01	-0.40	8.83E-01	EGA2-1
ENSMMUG00000000873	RABGGB	Rab Geranylgeranyltransferase Beta Subunit	3.93	20.51	24.72	22.69	2.35	5.49E-03	0.39	7.34E-01	-0.08	9.80E-01	EGA2-1
ENSMMUG00000010352	NEXN	Nexilin F-actin Binding Protein	0.10	1.43	2.03	1.45	5.86	2.03E-05	1.02	5.37E-01	-1.60	5.15E-01	EGA2-1
ENSMMUG00000002899	FUBP1	Far Upstream Element Binding Protein 1	9.93	19.70	25.80	20.15	1.12	1.31E-03	0.30	4.80E-01	0.07	9.58E-01	EGA2-1
ENSMMUG00000002516	ADGRL2	Adhesion G Protein-coupled Receptor L2	0.78	4.09	3.62	4.59	3.37	1.66E-03	-0.97	4.57E-01	0.08	9.85E-01	EGA2-1
ENSMMUG00000041521			0.56	4.10	1.29	0.72	3.08	9.96E-03	-1.42	2.93E-01	-1.24	5.99E-01	EGA2-1
ENSMMUG00000032587			1.95	6.25	3.12	3.75	2.00	3.61E-02	-0.93	3.89E-01	-0.64	7.67E-01	EGA2-1
ENSMMUG00000037887	RBMXL1	RNA Binding Motif Protein, X-linked Like 1	0.69	5.09	6.00	6.23	2.64	1.58E-04	1.02	2.02E-01	-0.81	5.49E-01	EGA2-1
ENSMMUG00000003442	ZNF326	Zinc Finger Protein 326	2.48	15.14	23.19	31.30	2.35	7.15E-03	1.09	2.65E-01	0.13	9.68E-01	EGA2-1
ENSMMUG00000007635	ZNF644	Zinc Finger Protein 644	1.03	4.75	12.73	17.31	2.22	3.22E-03	1.27	1.16E-01	1.43	2.04E-01	EGA2-1
ENSMMUG00000005072	RPL5	Ribosomal Protein L5	155.20	363.63	482.60	491.88	1.31	1.21E-04	0.49	2.13E-01	-0.14	8.92E-01	EGA2-1

ENSMMUG00000040115			0.02	0.45	0.95	0.60	4.90	2.15E-02	0.51	8.57E-01	-1.53	7.30E-01	EGA2-1
ENSMMUG00000008435	DNTTIP2	Deoxynucleotidyltransferase Terminal Interacting Protein 2	11.55	48.26	37.70	21.28	1.56	2.68E-02	-0.24	8.05E-01	-0.42	8.00E-01	EGA2-1
ENSMMUG00000003727	EXTL2	Exostosin Like Glycosyltransferase 2	0.46	2.64	3.16	4.44	2.63	3.25E-03	0.48	6.88E-01	1.16	4.63E-01	EGA2-1
ENSMMUG00000003730	DPH5	Diphthamide Biosynthesis 5	0.21	4.72	4.72	3.00	5.84	1.06E-05	0.37	8.52E-01	-1.35	6.17E-01	EGA2-1
ENSMMUG00000017647			0.17	2.26	2.54	2.48	4.05	2.66E-07	0.12	9.24E-01	-0.14	9.63E-01	EGA2-1
ENSMMUG00000008197	NTNG1	Netrin G1	0.00	1.33	0.86	0.31	8.84	1.44E-12	-1.84	1.57E-01	-1.90	3.26E-01	EGA2-1
ENSMMUG00000010155	PRPF38B	Pre-mRNA Processing Factor 38B	9.72	34.47	31.91	30.22	1.89	5.12E-05	-0.09	9.00E-01	0.15	9.20E-01	EGA2-1
ENSMMUG00000021837	SARS	Seryl-tRNA Synthetase	13.77	46.73	53.77	19.19	1.85	9.74E-03	-0.33	7.30E-01	-0.95	4.40E-01	EGA2-1
ENSMMUG00000022715	AHCYL1	Adenosylhomocysteinase Like 1	0.79	5.96	7.85	17.62	3.05	1.48E-05	0.39	6.97E-01	1.02	4.22E-01	EGA2-1
ENSMMUG00000015022	SLC16A4	Solute Carrier Family 16 Member 4	0.05	1.29	1.95	1.03	5.05	2.07E-05	0.22	9.05E-01	-1.20	6.22E-01	EGA2-1
ENSMMUG00000000812	LRIF1	Ligand Dependent Nuclear Receptor Interacting Factor 1	1.14	6.99	15.16	8.87	2.36	3.41E-03	0.93	3.19E-01	-0.72	6.71E-01	EGA2-1
ENSMMUG00000006171	SLC16A1	Solute Carrier Family 16 Member 1	19.95	229.34	109.17	44.81	3.69	2.37E-10	-1.27	5.43E-02	-0.45	7.54E-01	EGA2-1
ENSMMUG00000017823	RSBN1	Round Spermatid Basic Protein 1	0.79	4.67	7.17	6.00	2.51	4.58E-03	0.10	9.46E-01	-0.03	9.94E-01	EGA2-1
ENSMMUG00000014497			0.37	4.86	3.69	2.05	3.02	1.03E-02	1.31	3.24E-01	-2.45	1.40E-01	EGA2-1
ENSMMUG000000049105	NRAS	NRAS Proto-oncogene, GTPase	4.50	12.82	14.14	15.60	1.99	8.62E-05	-0.48	4.47E-01	1.20	9.89E-02	EGA2-1
ENSMMUG000000041725	LOC710287	60S Ribosomal Protein L6 like	20.51	92.90	158.27	148.61	2.09	2.35E-07	0.86	5.55E-02	0.05	9.74E-01	EGA2-1
ENSMMUG00000008513	WDR3	WD Repeat Domain 3	0.48	22.38	26.87	21.75	5.46	4.24E-14	0.42	6.94E-01	0.34	8.75E-01	EGA2-1
ENSMMUG000000044046	LOC708967	Myomegalin	1.12	4.58	2.55	3.11	1.89	1.78E-02	-0.73	4.33E-01	1.13	3.87E-01	EGA2-1
ENSMMUG00000012221	PRKAB2	Protein Kinase AMP-activated Non-catalytic Subunit Beta 2	1.42	10.42	7.56	8.14	2.45	6.61E-03	-0.36	7.76E-01	-0.05	9.88E-01	EGA2-1
ENSMMUG000000039668			0.34	3.02	1.44	4.00	4.14	4.35E-03	-1.33	4.01E-01	1.40	5.89E-01	EGA2-1
ENSMMUG00000013734			0.12	0.84	0.48	0.90	3.12	3.50E-03	-0.95	4.62E-01	0.44	8.84E-01	EGA2-1
ENSMMUG00000016051	RBM8A	RNA Binding Motif Protein 8A	5.07	182.07	91.11	56.51	5.26	1.07E-10	-0.63	5.69E-01	-0.34	8.93E-01	EGA2-1
ENSMMUG000000048007			0.00	6.97	6.04	1.07	27.86	4.94E-25	-2.50	4.78E-01	3.02	6.12E-01	EGA2-1
ENSMMUG000000043098	LOC695573	Histone H3-like	2.10	35.24	33.93	73.11	4.18	4.93E-04	-1.35	3.42E-01	1.01	7.02E-01	EGA2-1
ENSMMUG000000047399	LOC106996634	Histone H4-like	0.88	44.77	87.09	102.62	7.59	5.41E-08	-0.31	8.78E-01	-0.53	8.93E-01	EGA2-1
ENSMMUG000000042180	LOC696463	Histone H2A Type 2-A	14.32	126.96	172.55	118.55	3.28	2.30E-06	-0.29	7.78E-01	-0.66	6.66E-01	EGA2-1
ENSMMUG000000043700	LOC714818	Histone H2B Type 2-E	24.57	93.48	67.52	71.77	2.05	3.75E-03	-0.68	4.16E-01	-0.54	7.32E-01	EGA2-1
ENSMMUG000000037540	HIST2H2AC	Histone Cluster 2, H2ac	9.77	76.94	182.02	100.19	3.08	3.21E-05	0.59	5.38E-01	-0.51	7.79E-01	EGA2-1
ENSMMUG000000038618	HIST2H2AB	Histone Cluster 2, H2ab	0.88	51.44	31.35	30.60	5.73	1.06E-05	0.20	9.26E-01	-0.70	8.39E-01	EGA2-1
ENSMMUG00000006257	ECM1	Extracellular Matrix Protein 1	0.01	2.62	1.67	6.85	9.62	3.84E-07	1.31	5.71E-01	-0.74	8.87E-01	EGA2-1
ENSMMUG00000008221	MCL1	MCL1, BCL2 Family Apoptosis Regulator	1.08	8.56	7.27	7.81	4.93	2.49E-05	-1.20	4.05E-01	1.14	6.48E-01	EGA2-1
ENSMMUG00000010669	HORMAD1	HORMA Domain Containing 1	0.00	1.23	2.98	3.46	8.44	3.81E-08	1.35	4.27E-01	-0.80	8.27E-01	EGA2-1
ENSMMUG000000031718	LOC716056	Cytochrome C-like	8.16	32.25	46.26	28.86	1.71	9.39E-03	0.70	3.55E-01	-0.37	8.15E-01	EGA2-1
ENSMMUG000000045007			0.84	3.70	5.32	3.60	2.48	7.78E-03	0.94	3.82E-01	-0.92	6.15E-01	EGA2-1
ENSMMUG000000020924	PSMB4	Proteasome Subunit Beta 4	16.13	45.06	67.30	99.39	1.83	3.67E-02	0.49	6.50E-01	0.37	8.71E-01	EGA2-1
ENSMMUG00000014361	THEM4	Thioesterase Superfamily Member 4	0.27	34.28	94.53	77.17	6.50	7.11E-15	1.72	7.00E-02	-0.23	9.37E-01	EGA2-1
ENSMMUG00000008146	CHTOP	Chromatin Target Of PRMT1	7.92	25.33	14.84	12.24	1.74	3.59E-03	-0.71	3.00E-01	-0.20	9.09E-01	EGA2-1
ENSMMUG00000010805	TPM3	Tropomyosin 3	42.05	117.96	143.86	120.16	1.38	6.53E-06	0.10	8.36E-01	0.07	9.54E-01	EGA2-1
ENSMMUG00000022978			0.01	4.37	18.50	3.87	7.75	1.05E-05	-1.03	6.19E-01	3.54	1.34E-01	EGA2-1
ENSMMUG00000023350	EFNA3	Ephrin A3	0.11	0.70	0.71	0.78	7.43	7.64E-05	-3.03	1.37E-01	-0.60	9.12E-01	EGA2-1
ENSMMUG000000048503	KRTCAP2	Keratinocyte Associated Protein 2	1.41	4.82	6.83	5.55	2.21	4.28E-02	-0.64	6.36E-01	1.17	5.51E-01	EGA2-1

ENSMMUG00000023146	ASH1L	ASH1 Like Histone Lysine Methyltransferase	4.25	11.43	10.81	8.33	1.24	7.85E-03	0.00	9.96E-01	-0.64	4.22E-01	EGA2-1
ENSMMUG00000000085	PAQR6	Progesterone And AdipoQ Receptor Family Member 6	0.02	2.49	3.09	2.35	6.98	6.70E-08	-0.97	5.54E-01	0.53	8.87E-01	EGA2-1
ENSMMUG00000002624	GPATCH4	G-patch Domain Containing 4	4.27	31.29	47.16	22.67	2.83	8.57E-06	0.65	4.11E-01	-1.01	3.54E-01	EGA2-1
ENSMMUG00000000037	ISG20L2	Interferon Stimulated Exonuclease Gene 20 Like 2	0.88	16.55	17.81	11.45	3.96	1.92E-06	0.52	6.46E-01	-0.13	9.68E-01	EGA2-1
ENSMMUG00000042886	ETV3	ETS Variant 3	2.16	13.66	10.76	16.07	2.48	1.55E-04	-0.20	8.38E-01	0.15	9.49E-01	EGA2-1
ENSMMUG00000047089	PIGM	Phosphatidylinositol Glycan Anchor Biosynthesis Class M	1.26	3.89	1.51	0.98	2.26	1.96E-02	-1.64	1.03E-01	-0.08	9.82E-01	EGA2-1
ENSMMUG00000017838	PEA15	Proliferation And Apoptosis Adaptor Protein 15	0.99	9.70	9.24	12.74	2.80	2.69E-02	-0.03	9.89E-01	2.73	1.06E-01	EGA2-1
ENSMMUG00000022632	UFC1	Ubiquitin-fold Modifier Conjugating Enzyme 1	8.62	41.19	26.49	24.17	1.89	7.14E-03	-0.75	3.57E-01	0.52	7.41E-01	EGA2-1
ENSMMUG00000003775	FCGR2A	Fc Fragment Of IgG Receptor IIa	0.07	1.07	3.47	4.84	4.87	1.91E-04	1.50	3.06E-01	0.78	8.03E-01	EGA2-1
ENSMMUG00000042149	LOC694687	40S Ribosomal Protein S10 Pseudogene	11.70	60.89	98.11	54.91	2.52	1.10E-07	0.38	5.46E-01	-0.40	7.23E-01	EGA2-1
ENSMMUG00000016014	LIN9	Lin-9 DREAM MuvB Core Complex Component	2.01	6.18	6.19	6.84	2.17	2.35E-02	-0.28	8.38E-01	0.77	6.96E-01	EGA2-1
ENSMMUG00000022510	NVL	Nuclear VCP-like	2.00	7.90	11.19	6.26	2.04	1.11E-02	0.55	5.76E-01	-0.89	5.53E-01	EGA2-1
ENSMMUG00000000676	FBXO28	F-box Protein 28	0.52	1.63	3.32	6.57	2.08	1.57E-02	1.09	2.50E-01	1.65	1.82E-01	EGA2-1
ENSMMUG00000011146	TP53BP2	Tumor Protein P53 Binding Protein 2	5.39	21.54	30.38	18.47	2.02	8.61E-04	0.04	9.68E-01	-0.08	9.72E-01	EGA2-1
ENSMMUG00000041825			3.83	34.61	55.81	32.67	3.08	1.18E-04	0.66	5.16E-01	-0.49	8.06E-01	EGA2-1
ENSMMUG00000015026	BROX	BRO1 Domain And CAAX Motif Containing	4.20	15.42	17.17	14.19	2.05	3.22E-03	-0.08	9.42E-01	0.16	9.46E-01	EGA2-1
ENSMMUG00000031593			1.67	9.43	11.96	12.22	2.47	9.54E-03	0.04	9.78E-01	0.51	8.27E-01	EGA2-1
ENSMMUG00000004070	RRP15	Ribosomal RNA Processing 15 Homolog	8.72	45.60	47.74	26.46	2.20	1.35E-06	0.25	7.01E-01	-0.29	8.03E-01	EGA2-1
ENSMMUG00000015634	CENPF	Centromere Protein F	30.95	75.53	73.61	45.33	1.30	1.68E-02	0.15	8.45E-01	-0.64	5.11E-01	EGA2-1
ENSMMUG00000022066	DIEXF	Digestive Organ Expansion Factor Homolog (zebrafish)	0.26	10.35	7.03	3.78	5.04	1.03E-10	-0.61	5.66E-01	-0.03	9.94E-01	EGA2-1
ENSMMUG00000007129	CD46	CD46 Molecule	0.60	4.09	4.62	13.25	3.42	1.29E-04	0.27	8.38E-01	0.93	6.08E-01	EGA2-1
ENSMMUG00000022171	YOD1	YOD1 Deubiquitinase	0.08	4.18	2.77	2.41	5.51	3.22E-05	-1.59	2.97E-01	1.21	6.70E-01	EGA2-1
ENSMMUG00000040003			1.36	5.36	13.32	9.57	2.17	2.13E-03	1.23	9.97E-02	-0.50	7.60E-01	EGA2-1
ENSMMUG00000011746			22.65	83.67	126.52	107.26	1.84	4.89E-05	0.62	2.43E-01	-0.36	7.37E-01	EGA2-1
ENSMMUG00000018802	TMEM81	Transmembrane Protein 81	0.06	3.15	0.56	0.41	7.20	5.18E-04	-3.29	1.21E-01	1.01	8.44E-01	EGA2-1
ENSMMUG00000008460	SOX13	SRY-box 13	0.03	6.50	8.15	5.46	7.80	6.92E-16	-0.62	6.43E-01	0.47	8.63E-01	EGA2-1
ENSMMUG00000010539	ZC3H11A	Zinc Finger CCCH-type Containing 11A	8.09	20.78	24.95	28.75	1.31	9.78E-04	0.50	2.72E-01	0.13	9.10E-01	EGA2-1
ENSMMUG00000040155	LOC704267	40S Ribosomal Protein S27-like	18.99	98.42	156.39	153.18	2.42	3.82E-08	0.53	3.35E-01	0.29	8.01E-01	EGA2-1
ENSMMUG00000015234	LOC705299	Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase-like Protein MGAT4E	0.01	1.70	0.27	0.08	7.24	2.91E-03	-2.64	3.37E-01	-2.42	6.15E-01	EGA2-1
ENSMMUG00000015233	KDM5B	Lysine Demethylase 5B	1.78	67.05	49.80	35.97	4.79	2.55E-18	-0.15	8.64E-01	-0.38	8.00E-01	EGA2-1
ENSMMUG00000001924	TIMM17A	Translocase Of Inner Mitochondrial Membrane 17A	7.11	40.95	41.00	37.10	3.07	1.46E-03	-0.37	7.87E-01	0.03	9.93E-01	EGA2-1
ENSMMUG00000012218	CAMSAP2	Calmodulin Regulated Spectrin Associated Protein Family Member 2	1.75	7.36	15.29	7.85	1.81	4.85E-02	0.59	5.89E-01	0.24	9.32E-01	EGA2-1

ENSMMUG00000016188	NR5A2	Nuclear Receptor Subfamily 5 Group A Member 2	2.62	7.18	10.21	5.75	2.76	9.39E-04	-0.10	9.41E-01	0.13	9.68E-01	EGA2-1
ENSMMUG00000022647	CDC73	Cell Division Cycle 73	23.71	60.64	54.20	43.91	1.44	1.84E-02	-0.13	8.86E-01	-0.34	8.13E-01	EGA2-1
ENSMMUG00000022648	B3GALT2	Beta-1,3-galactosyltransferase 2	0.10	1.55	4.13	1.52	6.79	7.25E-08	1.29	3.63E-01	-2.38	1.90E-01	EGA2-1
ENSMMUG00000005410	EDEM3	ER Degradation Enhancing Alpha-mannosidase Like Protein 3	0.25	2.72	4.87	11.15	4.32	2.15E-06	0.65	5.92E-01	1.77	2.19E-01	EGA2-1
ENSMMUG00000001481	NMNAT2	Nicotinamide Nucleotide Adenylyltransferase 2	0.19	7.52	1.61	4.43	4.83	1.09E-04	-1.56	2.86E-01	1.43	5.58E-01	EGA2-1
ENSMMUG00000005635	DHX9	DExH-box Helicase 9	3.06	69.89	59.22	43.84	4.40	2.44E-24	0.02	9.75E-01	-0.48	6.22E-01	EGA2-1
ENSMMUG00000022883			2.35	10.59	13.24	2.47	2.51	4.78E-03	-1.21	2.27E-01	-1.17	4.73E-01	EGA2-1
ENSMMUG00000016234	RNASEH2C	Ribonuclease H2 Subunit C	1.28	18.12	16.58	9.95	5.27	9.65E-06	-0.82	6.04E-01	0.02	9.98E-01	EGA2-1
ENSMMUG00000002135	CEP350	Centrosomal Protein 350	4.15	11.72	11.54	12.54	1.29	2.13E-02	0.35	6.10E-01	0.16	9.19E-01	EGA2-1
ENSMMUG00000014873			1.40	12.84	6.52	7.71	2.38	2.98E-02	-0.49	7.32E-01	1.85	2.55E-01	EGA2-1
ENSMMUG00000037734	TOR1AIP2	Torsin 1A Interacting Protein 2	6.26	29.30	55.14	19.88	2.07	3.51E-02	0.98	3.72E-01	-0.96	6.02E-01	EGA2-1
ENSMMUG00000031279	TOR1AIP2	Torsin A Interacting Protein 2	0.53	6.37	6.91	6.16	3.36	4.78E-04	0.48	7.21E-01	0.88	6.66E-01	EGA2-1
ENSMMUG00000001571	CACYBP	Calcyclin Binding Protein	15.96	54.12	55.73	62.91	1.55	3.40E-05	0.12	8.26E-01	0.20	8.44E-01	EGA2-1
ENSMMUG00000007266	METTL13	Methyltransferase Like 13	0.57	9.42	6.12	2.96	3.41	2.06E-04	-0.51	6.82E-01	-1.19	4.82E-01	EGA2-1
ENSMMUG00000023202			1.31	6.85	9.46	11.69	2.16	3.35E-05	0.71	2.46E-01	-0.30	8.25E-01	EGA2-1
ENSMMUG00000013639	PRRC2C	Proline Rich Coiled-coil 2C	102.24	181.53	182.96	147.75	0.83	6.76E-03	0.23	5.50E-01	-0.45	3.76E-01	EGA2-1
ENSMMUG00000009184	MPZL1	Myelin Protein Zero Like 1	7.08	23.09	28.42	25.70	1.44	4.15E-02	0.93	2.15E-01	-0.63	6.48E-01	EGA2-1
ENSMMUG000000040586			1.09	4.66	6.77	6.63	1.92	4.30E-04	0.76	2.23E-01	-0.69	4.96E-01	EGA2-1
ENSMMUG00000005721			0.03	1.19	1.34	2.81	6.20	1.15E-06	-0.46	7.87E-01	1.93	3.38E-01	EGA2-1
ENSMMUG000000041811			44.86	105.38	138.17	55.51	1.23	3.81E-02	-0.07	9.34E-01	-0.88	3.40E-01	EGA2-1
ENSMMUG00000009509	URB2	URB2 Ribosome Biogenesis 2 Homolog (S. Cerevisiae)	0.38	3.27	6.09	3.57	4.15	6.13E-07	0.70	5.23E-01	-0.96	5.67E-01	EGA2-1
ENSMMUG00000005243	EXOC8	Exocyst Complex Component 8	0.23	3.12	1.96	2.79	4.70	5.87E-06	-0.93	4.79E-01	-0.43	8.87E-01	EGA2-1
ENSMMUG00000009226	MAP3K21	Mitogen-activated Protein Kinase Kinase Kinase 21	0.05	8.87	4.66	0.41	7.52	4.70E-10	-1.31	3.86E-01	-3.33	5.13E-02	EGA2-1
ENSMMUG000000021702	LOC718775	Uncharacterized LOC718775	4.77	34.07	39.66	25.15	2.23	1.48E-03	0.77	3.51E-01	-0.79	5.58E-01	EGA2-1
ENSMMUG000000021703	TARBP1	TAR (HIV-1) RNA Binding Protein 1	0.22	1.02	3.04	5.13	2.18	2.15E-02	1.54	1.17E-01	1.54	2.81E-01	EGA2-1
ENSMMUG000000021239			0.44	2.06	3.00	2.32	3.24	6.00E-03	-0.36	8.27E-01	0.40	9.04E-01	EGA2-1
ENSMMUG000000031161	CHML	CHM Like, Rab Escort Protein 2	0.27	1.22	2.28	2.55	2.48	3.62E-02	1.23	3.47E-01	0.38	9.09E-01	EGA2-1
ENSMMUG000000000016	ADSS	Adenylosuccinate Synthase	1.05	3.65	8.83	11.08	2.36	1.94E-02	1.31	2.33E-01	-0.62	7.91E-01	EGA2-1
ENSMMUG000000044267			0.49	6.98	6.22	21.39	3.24	3.32E-02	0.05	9.85E-01	2.30	3.24E-01	EGA2-1
ENSMMUG000000021098	HNRNPU	Heterogeneous Nuclear Ribonucleoprotein U	126.71	397.58	266.25	218.04	1.67	1.19E-08	-0.57	9.00E-02	-0.12	8.91E-01	EGA2-1
ENSMMUG000000022915	TFB2M	Transcription Factor B2, Mitochondrial	2.11	11.80	26.73	27.54	2.17	1.51E-02	1.04	2.97E-01	0.87	6.16E-01	EGA2-1
ENSMMUG000000016408	AHCTF1	AT-hook Containing Transcription Factor 1	34.63	84.31	66.66	37.90	1.16	1.89E-02	-0.20	7.66E-01	-0.69	4.01E-01	EGA2-1
ENSMMUG000000021266			0.71	6.22	5.24	6.39	3.27	7.84E-06	-0.63	5.04E-01	0.78	6.07E-01	EGA2-1
ENSMMUG000000047497	LOC100425996	Peptidyl-prolyl Cis-trans Isomerase A Pseudogene	25.36	162.99	259.81	284.81	2.93	3.21E-05	0.81	3.43E-01	0.86	5.30E-01	EGA2-1
ENSMMUG000000020337	NSUN3	NOP2/Sun RNA Methyltransferase Family Member 3	0.17	3.77	1.01	2.00	4.74	4.48E-05	-1.91	1.39E-01	-0.01	9.98E-01	EGA2-1
ENSMMUG000000032088	LNP1	Leukemia NUP98 Fusion Partner 1	0.10	3.58	1.21	0.72	5.49	2.07E-05	-1.06	5.26E-01	-2.68	1.81E-01	EGA2-1

ENSMMUG00000021570			0.78	4.54	10.92	11.67	2.31	1.08E-02	1.04	3.04E-01	0.69	7.23E-01	EGA2-1
ENSMMUG00000029695			6.72	22.65	27.71	20.82	1.80	3.23E-03	-0.24	7.84E-01	-0.18	9.25E-01	EGA2-1
ENSMMUG00000015059	RPL24	Ribosomal Protein L24	92.67	214.78	243.86	183.41	1.24	7.16E-04	0.06	9.21E-01	-0.39	5.94E-01	EGA2-1
ENSMMUG00000021568	NFKBIZ	NFKB Inhibitor Zeta	0.83	1.38	2.15	1.59	2.56	2.39E-02	0.00	9.99E-01	-1.81	2.92E-01	EGA2-1
ENSMMUG00000009807			22.97	63.34	107.23	62.57	1.30	1.42E-03	0.82	5.56E-02	-0.73	2.49E-01	EGA2-1
ENSMMUG00000009107	ALCAM	Activated Leukocyte Cell Adhesion Molecule	0.21	0.90	2.04	1.21	4.14	1.93E-03	1.00	5.47E-01	-0.80	8.05E-01	EGA2-1
ENSMMUG00000006486			8.65	24.46	37.99	16.89	1.45	3.75E-02	0.78	3.03E-01	0.02	9.93E-01	EGA2-1
ENSMMUG00000038476			0.28	3.80	3.82	7.01	5.82	4.00E-04	-1.32	4.85E-01	1.84	5.26E-01	EGA2-1
ENSMMUG00000048090			17.86	66.62	98.61	72.79	2.13	1.03E-05	0.68	2.35E-01	-0.59	5.28E-01	EGA2-1
ENSMMUG00000001953	QTRT2	Queuine TRNA-ribosyltransferase Accessory Subunit 2	1.51	13.47	12.71	6.03	3.66	2.58E-05	-1.01	3.41E-01	-0.49	8.32E-01	EGA2-1
ENSMMUG00000047586	CCDC58	Coiled-coil Domain Containing 58	0.92	4.43	7.60	3.74	2.12	5.98E-06	0.96	6.34E-02	-1.23	6.47E-02	EGA2-1
ENSMMUG00000018662	RUVBL1	RuvB Like AAA ATPase 1	1.92	13.93	7.04	7.07	3.04	1.75E-04	-1.29	1.58E-01	0.50	8.09E-01	EGA2-1
ENSMMUG00000045431	LOC100423625	Basic Salivary Proline-rich Protein 1-like	1.33	6.13	11.93	6.56	3.43	8.64E-06	0.79	4.07E-01	-0.87	5.76E-01	EGA2-1
ENSMMUG00000007450	RAF1	Raf-1 Proto-oncogene, Serine/threonine Kinase	3.15	14.30	18.97	22.13	2.03	2.92E-03	0.39	6.66E-01	0.75	5.61E-01	EGA2-1
ENSMMUG00000007195	TSEN2	TRNA Splicing Endonuclease Subunit 2	1.04	3.96	3.31	5.74	1.85	4.19E-02	-0.78	4.54E-01	0.83	6.33E-01	EGA2-1
ENSMMUG00000019935	GHRL	Ghrelin And Obestatin Prepropeptide	0.00	0.14	0.77	0.47	15.07	1.31E-03	2.30	7.16E-01	5.69	5.07E-01	EGA2-1
ENSMMUG00000031947	LOC702847	60S Ribosomal Protein L35 Pseudogene	15.02	128.45	189.11	180.36	3.23	1.93E-10	0.41	5.48E-01	-0.38	7.66E-01	EGA2-1
ENSMMUG00000017828	LOC703880	Histone-lysine N-methyltransferase SETMAR	1.19	11.96	4.12	2.19	4.14	1.02E-06	-1.71	6.94E-02	-0.84	6.48E-01	EGA2-1
ENSMMUG000000041509			8.32	48.28	57.22	70.76	2.41	7.72E-04	0.31	7.57E-01	0.24	9.10E-01	EGA2-1
ENSMMUG00000000619			8.99	42.98	49.01	48.29	2.46	2.35E-07	0.38	5.48E-01	-0.54	5.84E-01	EGA2-1
ENSMMUG00000049226			0.14	4.59	1.58	2.54	4.22	3.23E-03	-1.75	2.77E-01	1.84	4.80E-01	EGA2-1
ENSMMUG00000031896	KCTD6	Potassium Channel Tetramerization Domain Containing 6	0.05	1.00	2.21	2.46	7.07	2.84E-07	0.83	6.16E-01	0.53	8.85E-01	EGA2-1
ENSMMUG00000042676	TMA7	Translation Machinery Associated 7 Homolog	13.68	88.36	86.47	108.26	2.60	5.31E-05	0.06	9.53E-01	0.21	9.15E-01	EGA2-1
ENSMMUG00000004052	PDE12	Phosphodiesterase 12	2.42	26.98	32.51	30.80	3.58	4.58E-07	0.25	8.15E-01	-0.07	9.81E-01	EGA2-1
ENSMMUG00000048331			88.75	315.46	350.20	284.37	1.99	7.25E-15	0.06	8.78E-01	-0.62	1.20E-01	EGA2-1
ENSMMUG00000044752			0.44	8.53	10.64	3.02	4.09	5.18E-04	0.28	8.73E-01	-0.75	7.97E-01	EGA2-1
ENSMMUG00000019269	ACTR8	ARP8 Actin Related Protein 8 Homolog	8.74	19.07	12.52	14.33	1.10	8.70E-03	-0.69	1.21E-01	0.42	6.02E-01	EGA2-1
ENSMMUG00000012526	GLT8D1	Glycosyltransferase 8 Domain Containing 1	1.15	5.11	4.78	11.65	2.24	4.86E-02	0.04	9.81E-01	0.86	7.15E-01	EGA2-1
ENSMMUG00000003644	RRP9	Ribosomal RNA Processing 9, U3 Small Nucleolar RNA Binding Protein	0.44	8.06	5.69	3.21	5.16	9.34E-06	-1.11	4.45E-01	-0.60	8.51E-01	EGA2-1
ENSMMUG00000006996	RASSF1	Ras Association Domain Family Member 1	0.49	3.11	4.40	2.30	3.21	5.05E-03	0.18	9.15E-01	-1.31	5.33E-01	EGA2-1
ENSMMUG00000020121	HYAL1	Hyaluronoglucosaminidase 1	0.14	6.67	4.24	2.75	5.92	2.16E-07	-0.65	6.85E-01	-1.91	3.24E-01	EGA2-1
ENSMMUG00000010337	SEMA3F	Semaphorin 3F	0.00	0.34	1.75	0.66	10.22	1.79E-08	2.59	1.69E-01	-3.03	2.62E-01	EGA2-1
ENSMMUG00000004921	RBM5	RNA Binding Motif Protein 5	6.95	22.56	10.93	14.93	1.30	3.12E-02	-0.49	4.87E-01	-0.19	9.11E-01	EGA2-1
ENSMMUG00000005660	QRICH1	Glutamine Rich 1	6.02	24.15	26.55	15.35	2.00	1.66E-03	0.22	8.14E-01	-0.65	6.05E-01	EGA2-1
ENSMMUG00000005652	DALRD3	DALR Anticodon Binding Domain Containing 3	1.06	3.33	6.54	8.29	2.74	3.19E-04	0.36	7.38E-01	0.55	7.62E-01	EGA2-1
ENSMMUG00000014705	UQCRC1	Ubiquinol-cytochrome C Reductase Core Protein I	3.22	8.50	10.66	15.41	1.73	2.06E-02	0.38	6.92E-01	0.06	9.84E-01	EGA2-1
ENSMMUG00000021607	ZNF589	Zinc Finger Protein 589	3.21	21.24	9.83	4.31	2.43	9.53E-03	-1.50	1.30E-01	-0.15	9.65E-01	EGA2-1
ENSMMUG00000021117	SETD2	SET Domain Containing 2	5.22	22.19	21.85	17.18	1.59	8.29E-03	0.38	6.19E-01	-0.41	7.68E-01	EGA2-1
ENSMMUG00000040852			0.12	1.74	2.27	1.42	4.58	4.05E-04	0.22	9.02E-01	-1.05	6.95E-01	EGA2-1
ENSMMUG00000031677	SS18L2	SS18 Like 2	2.86	16.21	17.53	7.57	2.73	1.47E-02	-0.19	9.07E-01	-0.64	8.11E-01	EGA2-1
ENSMMUG00000045853			8.48	26.89	44.09	35.29	1.60	2.59E-05	0.70	1.00E-01	-0.38	6.31E-01	EGA2-1

ENSMMUG00000020147	CSRP1	Cysteine And Serine Rich Nuclear Protein 1	0.21	0.39	1.75	1.05	4.48	1.26E-02	0.58	8.07E-01	-1.06	7.90E-01	EGA2-1
ENSMMUG00000000995	MYD88	Myeloid Differentiation Primary Response 88	0.49	2.94	9.90	4.07	3.12	2.23E-03	0.88	4.76E-01	-0.48	8.61E-01	EGA2-1
ENSMMUG00000001185	TRA2B	Transformer 2 Beta Homolog	3.33	28.10	23.03	21.04	3.28	8.79E-15	-0.46	4.05E-01	0.06	9.74E-01	EGA2-1
ENSMMUG00000023814	MAP3K13	Mitogen-activated Protein Kinase Kinase 13	0.42	1.34	0.46	0.63	2.66	8.38E-03	-1.94	6.31E-02	1.20	5.12E-01	EGA2-1
ENSMMUG00000006562	EIF2B5	Eukaryotic Translation Initiation Factor 2B Subunit Epsilon	1.20	8.09	3.61	3.06	3.66	2.93E-07	-1.20	1.48E-01	-0.54	7.60E-01	EGA2-1
ENSMMUG00000010934	LOC704923	Eukaryotic Translation Initiation Factor 4 Gamma 1	9.02	48.69	59.01	37.77	2.51	2.71E-04	0.23	8.19E-01	-0.95	4.45E-01	EGA2-1
ENSMMUG00000018955	LOC702851	Endothelin-converting Enzyme 2	0.11	2.66	4.71	0.39	5.12	6.23E-05	-0.70	6.91E-01	-1.84	4.22E-01	EGA2-1
ENSMMUG00000008067			0.40	4.55	1.65	2.18	3.44	7.74E-03	-2.32	8.70E-02	0.73	8.15E-01	EGA2-1
ENSMMUG00000046147	SOX2	SRY-box 2	0.04	8.68	17.15	3.76	7.27	1.27E-15	1.46	1.75E-01	-2.48	5.86E-02	EGA2-1
ENSMMUG00000011383			0.36	1.97	3.00	0.89	2.46	3.84E-02	-0.56	7.16E-01	-1.18	6.00E-01	EGA2-1
ENSMMUG00000004083	GNB4	G Protein Subunit Beta 4	0.25	4.09	6.63	3.60	4.25	4.84E-08	0.75	4.48E-01	-1.14	4.30E-01	EGA2-1
ENSMMUG00000022880	EIF5A2	Eukaryotic Translation Initiation Factor 5A2	0.42	4.12	2.40	1.73	2.83	2.09E-02	-1.43	2.91E-01	0.66	8.22E-01	EGA2-1
ENSMMUG00000011222	PRKCI	Protein Kinase C Iota	2.30	18.37	21.21	19.76	3.25	2.22E-08	0.12	9.02E-01	0.02	9.93E-01	EGA2-1
ENSMMUG00000018083	KPNA4	Karyopherin Subunit Alpha 4	0.25	2.31	7.90	9.09	4.10	5.55E-11	1.30	6.44E-02	0.77	5.41E-01	EGA2-1
ENSMMUG00000017282	IFT80	Intraflagellar Transport 80	0.58	2.06	1.84	1.34	2.32	7.35E-03	0.09	9.48E-01	-0.66	7.32E-01	EGA2-1
ENSMMUG00000023081	SCHIP1	Schwannomin Interacting Protein 1	0.03	1.00	6.87	2.87	5.85	1.53E-05	1.47	3.39E-01	-0.01	9.98E-01	EGA2-1
ENSMMUG00000047267	WWTR1	WW Domain Containing Transcription Regulator 1	0.49	2.81	8.30	12.96	2.32	7.06E-03	1.54	8.70E-02	0.53	7.95E-01	EGA2-1
ENSMMUG00000000294	LOC710859	60S Ribosomal Protein L19 Pseudogene	47.08	155.12	226.46	185.58	1.49	2.12E-05	0.66	8.70E-02	-0.31	6.89E-01	EGA2-1
ENSMMUG00000017699	SELENOT	Selenoprotein T	1.96	46.15	114.01	109.37	5.11	1.81E-09	0.79	4.74E-01	0.91	6.16E-01	EGA2-1
ENSMMUG00000015910	MBNL1	Muscleblind Like Splicing Regulator 1	0.78	2.72	1.86	1.78	1.56	3.11E-02	-0.44	6.25E-01	0.12	9.63E-01	EGA2-1
ENSMMUG00000023810	MARS2	Methionyl-tRNA Synthetase 2, Mitochondrial	0.23	1.38	2.23	3.75	3.37	7.87E-03	-0.56	7.35E-01	1.64	4.38E-01	EGA2-1
ENSMMUG00000012517			96.14	239.18	242.26	150.89	1.16	4.70E-03	0.16	7.78E-01	-0.49	5.15E-01	EGA2-1
ENSMMUG00000012537			44.55	182.04	276.46	222.40	2.01	1.71E-07	0.66	1.35E-01	-0.25	8.03E-01	EGA2-1
ENSMMUG00000039214			2.82	42.96	6.96	16.05	3.15	1.58E-02	-1.71	2.33E-01	0.39	9.19E-01	EGA2-1
ENSMMUG00000002775	U2SURP	U2 SnRNP Associated SURP Domain Containing	9.31	30.66	35.52	24.43	1.70	2.86E-09	-0.04	9.41E-01	-0.19	8.03E-01	EGA2-1
ENSMMUG00000007927	ATR	ATR Serine/threonine Kinase	1.34	5.28	4.63	8.21	1.75	4.12E-03	0.06	9.53E-01	1.03	2.75E-01	EGA2-1
ENSMMUG00000048132			3.25	64.85	7.60	24.96	3.80	2.72E-03	-2.60	5.34E-02	1.77	4.40E-01	EGA2-1
ENSMMUG00000043965			4.36	51.36	15.74	27.74	2.66	2.57E-02	-0.85	5.57E-01	0.16	9.70E-01	EGA2-1
ENSMMUG00000039621	ATP1B3	ATPase Na <sup>+</sup> /K <sup>+</sup> Transporting Subunit Beta 3	0.64	10.65	22.38	6.50	3.74	2.31E-06	1.38	1.25E-01	-0.92	5.65E-01	EGA2-1
ENSMMUG00000008666	PIK3CB	Phosphatidylinositol-4,5-bisphosphate 3-kinase Catalytic Subunit Beta	3.30	27.50	24.27	14.89	3.02	5.31E-06	-0.13	9.05E-01	-0.73	5.97E-01	EGA2-1
ENSMMUG00000043687			0.01	4.51	0.80	1.77	7.68	4.58E-07	-2.98	5.71E-02	1.97	4.60E-01	EGA2-1
ENSMMUG00000000058	CDV3	CDV3 Homolog	24.66	206.29	133.18	47.14	3.19	1.88E-08	-0.65	3.64E-01	-1.42	9.06E-02	EGA2-1
ENSMMUG000000005142			0.39	2.84	1.77	1.21	3.83	4.88E-03	-0.85	6.21E-01	0.16	9.74E-01	EGA2-1
ENSMMUG00000031489			32.07	85.16	116.46	131.95	1.26	5.97E-03	0.60	2.44E-01	-0.19	8.80E-01	EGA2-1
ENSMMUG00000020761	EAF1	ELL Associated Factor 1	2.62	37.62	11.85	18.28	3.42	1.11E-03	-1.75	1.27E-01	1.10	5.97E-01	EGA2-1
ENSMMUG00000021288	ANKRD28	Ankyrin Repeat Domain 28	0.32	2.45	3.82	6.75	3.24	6.00E-04	0.97	3.94E-01	0.22	9.48E-01	EGA2-1
ENSMMUG00000022692	DPH3	Diphthamide Biosynthesis 3	1.32	9.86	10.34	7.33	2.51	3.53E-07	0.48	4.43E-01	-0.10	9.59E-01	EGA2-1

ENSMMUG0000005643			0.78	14.16	15.99	2.99	4.82	3.76E-08	-0.78	4.92E-01	-1.60	2.75E-01	EGA2-1
ENSMMUG0000006353			41.14	118.00	165.94	162.52	1.61	3.89E-04	0.34	5.59E-01	-0.33	7.56E-01	EGA2-1
ENSMMUG00000022240	NR1D2	Nuclear Receptor Subfamily 1 Group D Member 2	2.07	13.07	10.98	4.41	3.08	2.08E-05	-0.46	6.36E-01	-1.20	3.23E-01	EGA2-1
ENSMMUG00000016917	UBP1	Upstream Binding Protein 1	1.02	11.72	19.16	13.74	3.31	1.78E-08	1.17	7.99E-02	-0.39	7.98E-01	EGA2-1
ENSMMUG00000008607			0.57	3.24	2.06	4.10	2.23	5.97E-04	0.14	8.89E-01	0.35	8.34E-01	EGA2-1
ENSMMUG00000038284			27.32	75.09	115.12	181.42	4.46	2.95E-04	-2.23	7.79E-02	0.22	9.60E-01	EGA2-1
ENSMMUG00000023553	MAP1LC3B	Microtubule Associated Protein 1 Light Chain 3 Beta	36.75	97.26	121.62	65.22	1.05	2.77E-02	0.61	2.40E-01	-0.93	1.65E-01	EGA2-1
ENSMMUG00000020153			55.35	341.16	280.90	212.18	2.24	2.11E-04	0.12	8.94E-01	-0.75	5.07E-01	EGA2-1
ENSMMUG00000002114	TFRC	Transferrin Receptor	2.64	278.73	275.88	193.62	6.28	3.30E-23	0.06	9.59E-01	-0.33	8.62E-01	EGA2-1
ENSMMUG00000019100	UBXN7	UBX Domain Protein 7	2.32	10.91	11.29	5.16	2.27	8.24E-03	-0.07	9.57E-01	-0.44	8.38E-01	EGA2-1
ENSMMUG00000046408	SMCO1	Single-pass Membrane Protein With Coiled-coil Domains 1	0.35	12.82	10.41	1.93	5.90	1.99E-11	-0.58	6.38E-01	-1.10	5.34E-01	EGA2-1
ENSMMUG00000007825	NCBP2	Nuclear Cap Binding Protein Subunit 2	6.84	39.42	28.07	18.41	2.46	4.85E-03	0.08	9.54E-01	-1.68	1.93E-01	EGA2-1
ENSMMUG00000047256	ZNF732	Zinc Finger Protein 732	2.93	11.59	16.42	6.82	1.99	2.47E-06	0.10	8.79E-01	-0.60	4.44E-01	EGA2-1
ENSMMUG00000003990			0.01	1.29	0.39	0.42	5.19	2.55E-02	-1.26	6.55E-01	0.03	9.97E-01	EGA2-1
ENSMMUG00000049114			11.40	81.94	101.89	61.17	2.66	6.29E-09	0.34	5.86E-01	-0.57	5.31E-01	EGA2-1
ENSMMUG00000017457	PIGG	Phosphatidylinositol Glycan Anchor Biosynthesis Class G	0.18	1.67	3.01	2.77	2.69	9.26E-03	1.11	3.45E-01	-0.49	8.53E-01	EGA2-1
ENSMMUG00000019945	FGFR3	Fibroblast Growth Factor Receptor 3	0.01	5.96	11.08	8.40	9.25	3.99E-15	0.85	5.31E-01	-1.36	5.01E-01	EGA2-1
ENSMMUG00000008385	NOP14	NOP14 Nucleolar Protein	3.48	20.56	14.39	11.11	2.33	5.65E-08	-0.60	2.46E-01	-0.29	7.96E-01	EGA2-1
ENSMMUG00000030394			0.16	3.26	4.71	4.19	4.36	1.05E-06	0.96	3.65E-01	-0.21	9.48E-01	EGA2-1
ENSMMUG00000017761	ZNF518B	Zinc Finger Protein 518B	0.25	1.85	1.06	3.37	2.27	2.86E-02	-0.19	8.98E-01	1.55	3.39E-01	EGA2-1
ENSMMUG00000043085			1.68	4.12	3.09	5.09	1.51	1.99E-02	-0.67	3.70E-01	0.32	8.45E-01	EGA2-1
ENSMMUG00000046253	FAM200B	Family With Sequence Similarity 200 Member B	1.59	8.78	4.67	4.54	2.47	4.87E-04	-1.22	1.19E-01	0.29	8.86E-01	EGA2-1
ENSMMUG00000045567			20.31	39.19	53.33	37.25	1.21	1.05E-02	0.24	7.05E-01	-0.17	8.99E-01	EGA2-1
ENSMMUG00000005732	LAP3	Leucine Aminopeptidase 3	1.78	29.58	29.65	24.54	4.03	2.33E-11	-0.86	2.46E-01	1.33	1.66E-01	EGA2-1
ENSMMUG00000009637	DHX15	DEAH-box Helicase 15	9.61	86.17	68.06	70.72	2.54	3.30E-06	-0.01	9.92E-01	0.49	6.92E-01	EGA2-1
ENSMMUG00000044937			0.18	5.84	6.40	0.13	5.98	3.05E-03	-2.95	1.73E-01	-3.69	2.39E-01	EGA2-1
ENSMMUG00000009324	RFC1	Replication Factor C Subunit 1	8.87	23.92	12.51	10.78	1.37	8.17E-03	-0.88	1.07E-01	-0.28	8.24E-01	EGA2-1
ENSMMUG00000013851	LIAS	Lipoic Acid Synthetase	2.07	19.82	13.59	10.89	2.99	5.30E-03	-0.84	5.23E-01	-0.09	9.82E-01	EGA2-1
ENSMMUG00000047751			1.32	8.46	7.54	12.01	2.77	2.60E-03	0.14	9.19E-01	0.62	7.71E-01	EGA2-1
ENSMMUG00000030357			0.06	13.75	9.11	4.53	8.26	9.46E-13	-0.87	5.47E-01	0.02	9.97E-01	EGA2-1
ENSMMUG00000020940	TMEM33	Transmembrane Protein 33	4.24	24.07	20.11	16.85	2.05	1.23E-02	0.28	8.08E-01	-0.15	9.60E-01	EGA2-1
ENSMMUG00000043138	COX7B2	Cytochrome C Oxidase Subunit VIIb2	0.24	3.40	2.87	2.36	3.69	2.43E-02	1.08	5.66E-01	0.88	8.15E-01	EGA2-1
ENSMMUG00000048062			8.09	27.71	19.77	37.52	1.75	6.20E-03	-0.39	6.34E-01	0.83	4.58E-01	EGA2-1
ENSMMUG00000008514	LIN54	Lin-54 DREAM MuvB Core Complex Component	5.94	18.99	12.94	13.81	1.32	1.64E-02	-0.64	2.98E-01	-0.10	9.58E-01	EGA2-1
ENSMMUG00000008501	SEC31A	SEC31 Homolog A, COPII Coat Complex Component	19.00	33.60	47.97	28.71	0.77	4.92E-02	0.32	4.86E-01	-0.32	6.91E-01	EGA2-1
ENSMMUG00000048621			6.43	59.99	25.75	27.86	2.40	5.86E-03	-0.98	3.28E-01	0.86	6.17E-01	EGA2-1
ENSMMUG00000015777	HNRNPDL	Heterogeneous Nuclear Ribonucleoprotein D Like	34.65	114.85	120.08	68.59	1.89	5.20E-07	-0.27	5.88E-01	-0.31	7.24E-01	EGA2-1
ENSMMUG00000007366			2.38	25.53	93.41	103.61	3.55	4.62E-05	1.83	5.32E-02	0.41	8.67E-01	EGA2-1
ENSMMUG00000014501	PAQR3	Progesterone And AdipoQ Receptor Family Member 3	0.24	1.41	4.01	3.44	3.71	1.21E-02	1.12	4.83E-01	1.14	6.88E-01	EGA2-1
ENSMMUG00000030316			2.77	35.14	50.98	21.33	3.17	4.36E-07	0.97	1.84E-01	-0.79	5.21E-01	EGA2-1
ENSMMUG00000003835			16.63	55.14	101.29	99.67	1.79	2.94E-03	1.11	8.21E-02	-0.29	8.57E-01	EGA2-1



ENSMMUG0000000380	GRSF1	G-rich RNA Sequence Binding Factor 1	9.98	32.41	43.08	19.64	1.57	1.37E-02	0.58	4.38E-01	-1.01	3.08E-01	EGA2-1
ENSMMUG00000022339	LOC106998368	Surfeit Locus Protein 6	0.44	19.25	15.36	7.01	5.58	3.79E-12	-0.96	3.37E-01	-0.70	7.13E-01	EGA2-1
ENSMMUG00000014229	UTP3	UTP3, Small Subunit Processome Component	14.39	93.83	77.51	41.15	2.36	3.64E-05	-0.52	4.75E-01	-0.99	2.92E-01	EGA2-1
ENSMMUG00000030258	LOC710583	40S Ribosomal Protein S28 Pseudogene	1.36	8.48	7.89	2.77	2.21	2.06E-02	0.34	7.95E-01	-0.86	6.57E-01	EGA2-1
ENSMMUG00000018821	REST	RE1 Silencing Transcription Factor	22.01	43.89	60.78	46.24	1.05	3.79E-02	0.46	4.23E-01	-0.63	4.59E-01	EGA2-1
ENSMMUG00000016362	PPAT	Phosphoribosyl Pyrophosphate Amidotransferase	3.05	46.57	41.10	17.66	4.38	1.26E-13	-0.44	5.88E-01	-0.54	6.95E-01	EGA2-1
ENSMMUG00000048788			1.20	2.67	7.88	1.10	2.85	2.19E-02	-2.37	6.94E-02	-0.56	8.64E-01	EGA2-1
ENSMMUG00000007951	ERVMER34-1	Endogenous Retrovirus Group MER34 Member 1, Envelope	0.32	16.19	15.40	8.46	5.44	2.96E-12	0.50	6.46E-01	-1.19	4.13E-01	EGA2-1
ENSMMUG00000043545			1.94	1021.49	1280.15	191.31	9.00	1.48E-33	0.07	9.59E-01	-2.13	5.23E-02	EGA2-1
ENSMMUG00000010318	PYURF	PIGY Upstream Reading Frame	0.26	4.55	15.01	3.75	3.05	6.69E-03	1.59	1.88E-01	-0.59	8.31E-01	EGA2-1
ENSMMUG00000042631			4.64	21.79	32.58	35.77	1.74	7.31E-04	0.92	9.59E-02	-0.08	9.69E-01	EGA2-1
ENSMMUG00000011062	METAP1	Methionyl Aminopeptidase 1	0.55	15.34	39.64	20.12	4.43	4.41E-08	1.39	1.37E-01	-0.29	9.10E-01	EGA2-1
ENSMMUG00000038454	LOC701962	Histone H2A.Z-like	4.12	363.75	239.47	81.40	6.11	3.90E-26	-0.83	2.57E-01	-0.87	4.43E-01	EGA2-1
ENSMMUG00000006011			15.57	40.48	31.74	22.58	1.31	3.48E-02	-0.35	6.47E-01	-0.56	6.48E-01	EGA2-1
ENSMMUG00000039411			0.59	2.70	3.00	3.77	2.82	2.81E-03	-0.38	7.69E-01	0.04	9.92E-01	EGA2-1
ENSMMUG00000023240	SEC24B	SEC24 Homolog B, COPII Coat Complex Component	9.89	38.65	45.12	22.03	1.72	8.14E-04	0.40	5.43E-01	-1.26	7.44E-02	EGA2-1
ENSMMUG00000040183			2.27	22.20	38.37	33.73	3.21	4.31E-06	0.48	6.07E-01	-0.01	9.97E-01	EGA2-1
ENSMMUG00000015260	PRSS12	Protease, Serine 12	0.33	3.67	4.37	5.21	3.59	3.85E-09	-0.01	9.91E-01	0.14	9.51E-01	EGA2-1
ENSMMUG00000022751	MFSD8	Major Facilitator Superfamily Domain Containing 8	0.42	2.36	12.96	4.01	2.62	2.51E-02	1.38	2.80E-01	-0.83	7.42E-01	EGA2-1
ENSMMUG00000020931	ABHD18	Abhydrolase Domain Containing 18	0.41	1.91	1.95	2.77	2.49	2.15E-02	0.26	8.66E-01	0.21	9.53E-01	EGA2-1
ENSMMUG00000030153	LOC695218	40S Ribosomal Protein S25	246.64	663.76	823.78	560.07	1.28	1.59E-03	0.34	4.99E-01	-0.49	5.18E-01	EGA2-1
ENSMMUG00000004983			11.08	123.43	85.98	19.48	3.50	1.13E-07	-1.23	1.02E-01	-1.02	3.92E-01	EGA2-1
ENSMMUG00000004984	ELF2	E74 Like ETS Transcription Factor 2	1.03	6.23	9.55	12.53	2.73	1.07E-04	0.98	2.29E-01	0.02	9.93E-01	EGA2-1
ENSMMUG00000018184	NAA15	N(alpha)-acetyltransferase 15, NatA Auxiliary Subunit	11.00	26.26	25.26	19.75	1.18	2.41E-02	-0.10	8.90E-01	-0.14	9.26E-01	EGA2-1
ENSMMUG00000046039			6.31	14.57	30.85	22.57	1.37	4.23E-02	1.10	1.08E-01	-0.30	8.57E-01	EGA2-1
ENSMMUG00000048797	LOC106998524	Uncharacterized LOC106998524	0.01	0.24	0.24	1.34	5.05	5.93E-03	-0.98	6.53E-01	3.96	9.75E-02	EGA2-1
ENSMMUG00000039834			0.16	1.45	1.91	1.62	3.91	2.32E-02	-0.05	9.85E-01	-0.66	8.80E-01	EGA2-1
ENSMMUG00000004440			0.36	4.63	4.37	2.57	2.96	1.13E-02	0.77	5.88E-01	-0.93	7.05E-01	EGA2-1
ENSMMUG00000030117	LOC703794	Ribosomal Protein L22-like	11.05	55.28	133.76	142.93	2.56	2.22E-03	1.23	1.84E-01	0.53	7.96E-01	EGA2-1
ENSMMUG00000030101			0.45	3.73	12.21	10.71	2.79	9.35E-03	0.85	5.05E-01	1.05	6.12E-01	EGA2-1
ENSMMUG00000044274	LRAT	Lecithin Retinol Acyltransferase	0.19	1.42	0.67	0.57	3.01	4.86E-02	0.25	9.08E-01	0.27	9.61E-01	EGA2-1
ENSMMUG00000017768			12.90	46.79	48.63	36.51	1.63	3.25E-03	-0.38	5.91E-01	0.76	4.29E-01	EGA2-1
ENSMMUG00000043129			1.22	7.76	7.33	8.64	2.31	1.60E-02	0.46	7.12E-01	0.08	9.82E-01	EGA2-1
ENSMMUG00000030042	LOC702297	60S Ribosomal Protein L23a Pseudogene	231.41	954.18	848.51	762.00	2.07	9.43E-09	-0.06	9.18E-01	-0.23	8.06E-01	EGA2-1
ENSMMUG00000004482	TMA16	Translation Machinery Associated 16 Homolog	0.94	7.32	9.95	10.97	2.96	1.02E-02	0.26	8.76E-01	0.81	7.53E-01	EGA2-1
ENSMMUG00000046210			1.48	7.30	17.31	10.63	2.88	1.49E-03	0.19	8.88E-01	0.22	9.42E-01	EGA2-1
ENSMMUG00000031047			257.17	688.56	605.68	364.99	1.31	5.89E-05	-0.24	5.75E-01	-0.51	3.60E-01	EGA2-1
ENSMMUG00000000062			1.53	7.81	7.40	6.10	2.03	1.67E-02	-0.46	6.77E-01	0.36	8.74E-01	EGA2-1
ENSMMUG00000045077	UBE2G2	Ubiquitin Conjugating Enzyme E2 G2	3.52	18.27	19.37	13.06	2.07	7.15E-03	0.18	8.72E-01	0.16	9.52E-01	EGA2-1
ENSMMUG00000010648			0.09	7.56	41.42	78.02	7.62	1.19E-12	1.91	1.01E-01	1.03	6.47E-01	EGA2-1

ENSMMUG00000012304	RRP1	Ribosomal RNA Processing 1	1.93	10.03	6.73	6.06	2.40	9.05E-03	-0.22	8.70E-01	-0.33	8.99E-01	EGA2-1
ENSMMUG0000000104	RRP1B	Ribosomal RNA Processing 1B	3.83	26.70	13.30	7.38	2.76	1.66E-03	-0.76	4.80E-01	-0.67	7.34E-01	EGA2-1
ENSMMUG00000022769	U2AF1	U2 Small Nuclear RNA Auxiliary Factor 1	23.71	80.20	113.82	57.62	1.86	2.69E-02	0.42	7.02E-01	-0.40	8.51E-01	EGA2-1
ENSMMUG00000009289	CBS	Cystathionine-beta-synthase	0.02	1.43	2.90	3.51	7.63	1.01E-05	-0.29	9.10E-01	-0.89	8.35E-01	EGA2-1
ENSMMUG00000044879	LOC106997228	Suppressyn	0.01	6.28	12.74	9.68	6.26	2.77E-03	0.89	7.30E-01	2.23	5.30E-01	EGA2-1
ENSMMUG00000022130	LOC698099	40S Ribosomal Protein S4, X Isoform-like	45.15	174.87	297.78	188.23	2.12	5.08E-09	0.74	7.31E-02	-0.69	2.46E-01	EGA2-1
ENSMMUG00000022702	GART	Phosphoribosylglycinamide Formyltransferase, Phosphoribosylglycinamide Synthetase, Phosphoribosylaminoimidazole Synthetase	1.70	10.14	14.71	13.31	2.02	8.29E-03	0.75	3.99E-01	0.49	7.88E-01	EGA2-1
ENSMMUG00000010295	URB1	URB1 Ribosome Biogenesis 1 Homolog (S. Cerevisiae)	0.16	7.20	5.53	7.09	5.54	7.12E-10	-0.18	9.02E-01	0.39	8.86E-01	EGA2-1
ENSMMUG00000049182			67.41	231.44	171.65	178.85	1.87	2.82E-05	-0.58	2.76E-01	0.02	9.91E-01	EGA2-1
ENSMMUG00000030448			7.59	81.63	104.04	112.63	3.76	1.01E-18	0.33	5.70E-01	-0.06	9.71E-01	EGA2-1
ENSMMUG00000045836			10.43	55.92	78.17	85.32	2.58	1.07E-07	0.39	5.43E-01	0.35	7.74E-01	EGA2-1
ENSMMUG00000030445	LOC710317	60S Ribosomal Protein L36 Pseudogene	45.05	195.17	297.29	212.61	1.87	1.54E-04	0.84	1.26E-01	-0.70	4.30E-01	EGA2-1
ENSMMUG00000002116	BTG3	BTG Anti-proliferation Factor 3	0.52	24.27	23.54	38.25	5.35	1.28E-08	0.39	7.84E-01	0.41	8.86E-01	EGA2-1
ENSMMUG00000010755	CXADR	CXADR, Ig-like Cell Adhesion Molecule	1.78	60.95	88.45	65.98	5.44	5.97E-15	0.82	3.55E-01	-1.19	3.36E-01	EGA2-1
ENSMMUG00000040411			0.51	2.27	3.28	4.33	2.26	9.60E-03	1.20	2.04E-01	0.76	6.73E-01	EGA2-1
ENSMMUG00000004949			0.77	7.35	18.84	54.40	4.80	1.87E-05	0.31	8.53E-01	1.51	4.61E-01	EGA2-1
ENSMMUG00000017063	GET4	Golgi To ER Traffic Protein 4	0.57	2.97	2.48	5.04	2.53	2.33E-02	-0.60	6.72E-01	2.17	1.67E-01	EGA2-1
ENSMMUG00000012548	INTS1	Integrator Complex Subunit 1	2.05	8.67	5.53	7.48	1.79	1.26E-02	-0.54	5.33E-01	0.32	8.64E-01	EGA2-1
ENSMMUG00000022074	SNX8	Sorting Nexin 8	0.35	2.64	4.33	5.40	3.26	3.85E-05	0.64	5.29E-01	-0.53	7.84E-01	EGA2-1
ENSMMUG00000015529	EIF3B	Eukaryotic Translation Initiation Factor 3 Subunit B	2.88	10.53	12.68	12.65	1.81	4.92E-03	0.04	9.69E-01	-0.24	8.95E-01	EGA2-1
ENSMMUG00000011228	AP5Z1	Adaptor Related Protein Complex 5 Zeta 1 Subunit	0.16	4.90	1.03	1.68	6.60	2.22E-09	-2.16	6.40E-02	-0.55	8.52E-01	EGA2-1
ENSMMUG00000039501	RBAK	RB Associated KRAB Zinc Finger	0.55	3.76	8.76	6.21	2.54	1.32E-04	1.28	7.65E-02	-0.26	8.98E-01	EGA2-1
ENSMMUG00000011153	ACTB	Actin Beta	226.15	404.24	610.64	#####	0.97	2.45E-02	0.13	8.26E-01	0.97	9.19E-02	EGA2-1
ENSMMUG00000021075			92.95	244.64	185.45	122.37	1.33	6.00E-04	-0.30	5.51E-01	-0.40	6.05E-01	EGA2-1
ENSMMUG00000020321			1.01	5.66	11.19	6.39	2.55	1.89E-03	1.05	2.62E-01	-0.62	7.41E-01	EGA2-1
ENSMMUG00000004125	YWHAG	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase Activation Protein Gamma	15.59	65.88	34.60	32.36	1.85	1.17E-04	-0.94	7.32E-02	0.33	7.80E-01	EGA2-1
ENSMMUG00000005229	HIP1	Huntingtin Interacting Protein 1	0.37	1.64	5.22	13.43	3.04	1.74E-02	0.79	6.16E-01	1.16	6.41E-01	EGA2-1
ENSMMUG00000022778	TRIM50	Tripartite Motif Containing 50	0.04	0.72	0.64	0.29	4.28	1.39E-02	0.21	9.35E-01	-1.21	7.53E-01	EGA2-1
ENSMMUG00000018842	GTF2IRD1	GTF2I Repeat Domain Containing 1	0.55	1.06	0.72	1.84	4.06	6.24E-03	-1.36	4.36E-01	-0.50	9.07E-01	EGA2-1
ENSMMUG00000042471			4.02	15.24	8.46	3.87	1.86	7.37E-03	-0.80	3.17E-01	-0.82	5.21E-01	EGA2-1
ENSMMUG00000045653	SBDS	SBDS, Ribosome Maturation Factor	17.09	54.10	47.33	29.05	1.70	9.65E-06	-0.65	1.41E-01	-0.47	5.28E-01	EGA2-1
ENSMMUG00000038391			12.95	57.49	40.84	31.67	2.16	2.07E-06	-0.65	2.28E-01	-0.05	9.77E-01	EGA2-1
ENSMMUG0000001744	TPST1	Tyrosylprotein Sulfotransferase 1	0.82	3.42	2.08	1.68	2.02	3.26E-02	-0.49	6.82E-01	0.20	9.48E-01	EGA2-1
ENSMMUG00000003643	LOC709453	Zinc Finger Protein 273	6.19	32.58	20.53	15.96	2.28	1.64E-04	-0.44	5.75E-01	0.49	7.27E-01	EGA2-1

ENSMMUG0000009138	LOC710449	Zinc Finger Protein 680	5.97	18.56	23.50	24.78	1.30	1.21E-02	0.41	5.14E-01	0.09	9.64E-01	EGA2-1
ENSMMUG00000047463			0.51	4.38	8.24	11.38	2.67	2.76E-02	1.26	3.50E-01	-0.17	9.68E-01	EGA2-1
ENSMMUG00000037668			0.00	5.93	4.42	2.30	24.57	2.90E-33	0.51	8.69E-01	-3.48	3.04E-01	EGA2-1
ENSMMUG00000011916	LOC694593	Enolase 1-like	1.97	22.27	34.88	29.86	3.73	8.84E-14	0.81	1.79E-01	-0.13	9.45E-01	EGA2-1
ENSMMUG00000041095			3.14	8.10	8.78	5.50	1.76	4.01E-02	-0.11	9.31E-01	-1.20	4.04E-01	EGA2-1
ENSMMUG00000010823	TBRG4	Transforming Growth Factor Beta Regulator 4	0.49	10.85	18.04	28.97	4.78	5.18E-09	0.73	4.94E-01	0.51	8.12E-01	EGA2-1
ENSMMUG00000047932	PURB	Purine Rich Element Binding Protein B	0.40	7.50	9.07	4.52	5.36	2.88E-06	-0.67	6.69E-01	0.71	8.07E-01	EGA2-1
ENSMMUG00000045064			0.35	11.41	10.28	24.83	5.23	1.38E-03	-0.04	9.86E-01	1.90	4.95E-01	EGA2-1
ENSMMUG00000000962	LOC705636	Histone H2A.V-like	0.73	15.17	19.72	16.82	4.81	5.43E-11	0.21	8.54E-01	0.50	7.93E-01	EGA2-1
ENSMMUG00000016638	PPIA	Peptidylprolyl Isomerase A	40.18	220.89	365.40	362.43	2.68	5.00E-05	0.77	3.32E-01	0.73	5.81E-01	EGA2-1
ENSMMUG00000001702	SUGCT	Succinyl-CoA:glutarate-CoA Transferase	0.08	3.60	0.71	1.22	6.78	2.90E-04	-1.44	5.20E-01	-1.38	7.35E-01	EGA2-1
ENSMMUG00000001701	MPLKIP	M-phase Specific PLK1 Interacting Protein	0.51	7.15	6.60	9.22	2.60	7.56E-03	1.24	2.49E-01	0.57	8.06E-01	EGA2-1
ENSMMUG00000011695	NT5C3A	5'-nucleotidase, Cytosolic IIIA	0.29	1.88	0.48	1.23	2.54	2.51E-02	-1.39	2.63E-01	-0.94	6.88E-01	EGA2-1
ENSMMUG00000004719	GARS	Glycyl-tRNA Synthetase	12.11	19.67	27.64	27.45	1.06	1.60E-02	0.41	4.18E-01	-0.71	2.92E-01	EGA2-1
ENSMMUG00000003619	HNRNPA2B1	Heterogeneous Nuclear Ribonucleoprotein A2/B1	53.09	381.65	481.40	348.36	2.99	4.89E-10	0.25	7.23E-01	-0.17	9.09E-01	EGA2-1
ENSMMUG00000038151			44.24	136.38	224.30	142.56	1.54	1.01E-02	0.78	2.42E-01	-0.46	7.23E-01	EGA2-1
ENSMMUG00000042973			1.38	3.55	11.03	0.71	2.70	2.11E-02	-0.52	7.38E-01	-2.75	8.58E-02	EGA2-1
ENSMMUG00000006286	TRA2A	Transformer 2 Alpha Homolog	4.81	28.65	39.32	26.28	2.41	4.37E-05	0.83	2.25E-01	-0.89	3.93E-01	EGA2-1
ENSMMUG00000004841	MALSU1	Mitochondrial Assembly Of Ribosomal Large Subunit 1	0.42	74.12	47.43	30.06	7.59	1.06E-25	-0.58	5.58E-01	-0.67	6.94E-01	EGA2-1
ENSMMUG00000038586			8.53	57.54	71.42	33.45	3.07	7.71E-08	0.57	4.40E-01	-0.70	5.36E-01	EGA2-1
ENSMMUG00000001411			21.83	213.07	101.84	114.10	3.02	2.21E-07	-1.00	1.39E-01	0.62	6.17E-01	EGA2-1
ENSMMUG00000017045	BZW2	Basic Leucine Zipper And W2 Domains 2	9.51	62.47	56.22	22.65	2.66	2.17E-14	-0.45	3.12E-01	-0.80	1.51E-01	EGA2-1
ENSMMUG00000015516	MTERF1	Mitochondrial Transcription Termination Factor 1	0.26	4.36	9.77	6.20	4.34	2.81E-05	0.64	6.44E-01	0.74	7.68E-01	EGA2-1
ENSMMUG00000010781	DMTF1	Cyclin D Binding Myb Like Transcription Factor 1	7.57	31.79	15.11	11.84	1.40	4.54E-02	-0.74	3.36E-01	0.55	7.01E-01	EGA2-1
ENSMMUG00000048399			0.54	1.42	1.80	4.08	2.54	2.72E-03	-0.68	5.06E-01	0.82	6.20E-01	EGA2-1
ENSMMUG00000040454			8.07	34.08	38.36	40.44	2.27	1.16E-03	-0.16	8.81E-01	-0.01	9.97E-01	EGA2-1
ENSMMUG00000008698	CDK6	Cyclin Dependent Kinase 6	0.29	0.59	1.70	6.58	2.67	3.78E-02	0.27	8.81E-01	2.25	2.21E-01	EGA2-1
ENSMMUG00000004127			17.39	85.13	180.35	137.84	2.36	1.71E-02	0.63	6.05E-01	0.83	6.85E-01	EGA2-1
ENSMMUG00000045640			17.53	55.62	80.67	81.28	1.92	4.95E-03	0.01	9.90E-01	0.55	7.14E-01	EGA2-1
ENSMMUG00000011970	NPTX2	Neuronal Pentraxin 2	0.53	4.60	2.43	0.20	3.14	3.04E-02	-0.53	7.84E-01	-2.97	1.60E-01	EGA2-1
ENSMMUG00000000427			4.92	38.44	33.03	18.00	3.34	6.21E-05	-1.21	2.10E-01	-0.84	6.35E-01	EGA2-1
ENSMMUG00000030408	LOC718712	Pentatricopeptide Repeat-containing Protein 1, Mitochondrial	4.78	15.04	20.54	16.87	1.48	4.70E-02	0.88	2.69E-01	-0.78	5.58E-01	EGA2-1
ENSMMUG00000021255	SRRT	Serrate, RNA Effector Molecule	7.51	27.08	16.66	10.27	1.87	3.91E-04	-0.63	3.11E-01	-0.73	4.41E-01	EGA2-1
ENSMMUG00000045197			0.26	1.51	1.02	1.03	2.92	1.64E-02	-0.36	8.31E-01	-0.72	8.11E-01	EGA2-1
ENSMMUG00000006949	PLOD3	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3	1.97	7.92	2.54	4.93	2.37	1.40E-02	-1.81	6.82E-02	1.70	2.36E-01	EGA2-1
ENSMMUG00000006951	ZNHIT1	Zinc Finger HIT-type Containing 1	0.53	3.43	2.86	3.22	3.10	5.94E-05	-0.08	9.47E-01	0.39	8.53E-01	EGA2-1
ENSMMUG00000007839	FIS1	Fission, Mitochondrial 1	0.17	1.85	2.62	2.46	3.27	1.06E-02	0.59	7.30E-01	0.38	9.19E-01	EGA2-1
ENSMMUG00000048852	COL26A1	Collagen Type XXVI Alpha 1 Chain	0.00	0.08	0.34	0.78	25.58	6.35E-05	-3.48	6.93E-01	-0.48	9.85E-01	EGA2-1
ENSMMUG00000033906			0.00	1.60	4.47	0.27	28.12	1.71E-08	0.51	9.53E-01	-11.55	1.30E-01	EGA2-1
ENSMMUG00000046923	LOC100423207	40S Ribosomal Protein S27-like	4.98	26.17	45.28	43.05	2.31	4.68E-07	0.80	1.29E-01	0.22	8.69E-01	EGA2-1

ENSMMUG00000012399			11.44	29.81	33.60	28.78	1.33	3.01E-03	-0.40	4.59E-01	0.37	7.02E-01	EGA2-1
ENSMMUG00000037576			0.50	1.51	2.67	2.21	1.69	4.96E-02	0.72	4.61E-01	-0.15	9.60E-01	EGA2-1
ENSMMUG00000015421	GCC1	GRIP And Coiled-coil Domain Containing 1	0.61	9.05	2.98	3.29	3.20	9.58E-04	-1.18	2.92E-01	1.13	5.36E-01	EGA2-1
ENSMMUG00000007250	RBM28	RNA Binding Motif Protein 28	9.22	33.64	17.20	10.80	1.93	6.50E-03	-0.94	2.32E-01	-0.63	6.67E-01	EGA2-1
ENSMMUG00000014509	IMPDH1	Inosine Monophosphate Dehydrogenase 1	0.40	13.84	7.16	2.46	4.26	2.54E-04	-0.61	7.06E-01	-0.97	7.12E-01	EGA2-1
ENSMMUG00000015870	LOC716645	Sugar Phosphate Exchanger 3-like	1.41	7.25	9.15	7.06	2.58	4.52E-05	0.07	9.47E-01	0.09	9.72E-01	EGA2-1
ENSMMUG00000010420	MKRN1	Makorin Ring Finger Protein 1	14.61	122.95	75.96	61.86	2.97	1.32E-05	-0.64	4.58E-01	-0.44	8.00E-01	EGA2-1
ENSMMUG00000012635	ZYX	Zyxin	1.45	8.69	8.47	16.34	2.27	2.98E-02	-0.20	8.96E-01	1.68	2.86E-01	EGA2-1
ENSMMUG00000039361	ZBED6CL	ZBED6 C-terminal Like	0.07	0.75	0.34	0.48	8.81	1.01E-05	-1.78	4.41E-01	0.45	9.47E-01	EGA2-1
ENSMMUG00000007237	LOC100427305	40S Ribosomal Protein S15a Pseudogene	45.87	201.10	342.94	208.75	2.38	2.64E-11	0.70	8.78E-02	-0.66	2.71E-01	EGA2-1
ENSMMUG00000008733	UBE3C	Ubiquitin Protein Ligase E3C	1.07	8.33	13.76	8.47	2.68	7.94E-04	1.14	2.06E-01	-1.33	3.00E-01	EGA2-1
ENSMMUG00000003194	LOC722597	Probable Palmitoyltransferase ZDHHC11	0.02	0.80	0.65	0.44	4.18	1.63E-02	1.16	5.48E-01	1.47	6.64E-01	EGA2-1
ENSMMUG00000020112	CCT5	Chaperonin Containing TCP1 Subunit 5	20.45	64.59	75.43	75.91	1.43	3.20E-04	0.36	4.73E-01	0.03	9.82E-01	EGA2-1
ENSMMUG00000044088			44.15	168.98	246.21	194.05	1.91	8.45E-11	0.63	5.96E-02	-0.24	7.38E-01	EGA2-1
ENSMMUG00000005611			0.28	1.76	2.29	1.57	3.77	2.02E-03	-0.09	9.62E-01	-1.96	3.00E-01	EGA2-1
ENSMMUG00000016086			24.31	65.71	47.17	28.25	1.60	3.11E-03	-0.78	1.90E-01	-0.78	3.92E-01	EGA2-1
ENSMMUG00000030178	LOC701473	Prothymosin Alpha-like	140.56	1143.96	707.75	498.09	2.66	3.96E-07	-0.48	4.76E-01	-0.32	8.15E-01	EGA2-1
ENSMMUG00000000704	NUP155	Nucleoporin 155	9.62	40.41	22.99	26.83	1.82	5.99E-03	-0.58	4.61E-01	-0.06	9.82E-01	EGA2-1
ENSMMUG00000019879	DAB2	DAB2, Clathrin Adaptor Protein	1.10	26.42	34.70	111.12	3.68	2.77E-05	1.10	2.93E-01	1.00	5.64E-01	EGA2-1
ENSMMUG00000011877	C6H5orf34	Chromosome 6 Open Reading Frame, Human C5orf34	1.57	8.57	3.97	4.09	2.26	8.88E-04	-1.25	8.88E-02	0.96	4.20E-01	EGA2-1
ENSMMUG00000030135			1.68	6.79	10.03	9.13	2.05	2.15E-02	0.91	3.67E-01	-1.12	4.62E-01	EGA2-1
ENSMMUG00000016180	MRPS30	Mitochondrial Ribosomal Protein S30	0.66	32.72	43.76	37.16	5.05	3.60E-21	0.92	1.52E-01	0.52	6.78E-01	EGA2-1
ENSMMUG00000005177	PLK2	Polo Like Kinase 2	0.02	3.09	3.38	0.99	4.34	6.55E-04	1.03	5.13E-01	-2.27	2.47E-01	EGA2-1
ENSMMUG00000014211	ELOVL7	ELOVL Fatty Acid Elongase 7	0.02	0.32	2.21	4.01	4.29	6.20E-04	2.34	5.15E-02	1.04	6.66E-01	EGA2-1
ENSMMUG00000030102	MCIDAS	Multiciliate Differentiation And DNA Synthesis Associated Cell Cycle Protein	0.00	0.83	2.62	0.09	21.88	3.85E-30	-0.88	7.39E-01	-1.18	8.06E-01	EGA2-1
ENSMMUG00000010376	DHX29	DExH-box Helicase 29	1.94	6.69	9.96	10.51	2.03	5.85E-07	0.64	1.79E-01	-0.26	8.06E-01	EGA2-1
ENSMMUG00000001233	IPO11	Importin 11	0.39	5.73	10.51	9.85	3.92	1.52E-08	1.08	1.88E-01	-0.13	9.63E-01	EGA2-1
ENSMMUG00000037585	LRRC70	Leucine Rich Repeat Containing 70	0.02	0.34	0.18	1.12	3.68	4.79E-02	0.18	9.44E-01	3.53	1.30E-01	EGA2-1
ENSMMUG00000030159	LOC100429388	Peptidyl-prolyl Cis-trans Isomerase A Pseudogene	26.65	140.20	246.35	246.97	2.69	5.52E-05	0.82	3.03E-01	0.81	5.26E-01	EGA2-1
ENSMMUG00000018100			0.09	3.39	0.80	0.69	5.34	5.82E-04	-2.45	1.52E-01	0.40	9.39E-01	EGA2-1
ENSMMUG00000043517	AK6	Adenylate Kinase 6	1.03	5.95	7.95	5.88	2.56	3.18E-02	-0.13	9.44E-01	0.46	8.87E-01	EGA2-1
ENSMMUG00000014881	RAD17	RAD17 Checkpoint Clamp Loader Component	3.13	9.54	8.29	5.85	1.40	4.58E-03	-0.16	8.17E-01	-0.19	8.96E-01	EGA2-1
ENSMMUG00000009158	MARVELD2	MARVEL Domain Containing 2	0.59	1.83	2.56	4.53	2.37	2.19E-02	-0.64	6.16E-01	1.54	3.44E-01	EGA2-1
ENSMMUG00000015422	FCHO2	FCH Domain Only 2	2.71	8.72	5.37	7.25	1.28	3.22E-02	-0.16	8.48E-01	-0.09	9.66E-01	EGA2-1
ENSMMUG00000017092			12.97	32.08	32.21	27.90	1.44	1.31E-02	-0.48	4.88E-01	-0.06	9.79E-01	EGA2-1
ENSMMUG00000023514	UTP15	UTP15, Small Subunit Processome Component	1.98	24.52	21.55	15.84	3.50	7.34E-09	0.09	9.29E-01	-0.30	8.59E-01	EGA2-1
ENSMMUG00000030006			16.32	72.24	103.72	115.77	2.36	2.00E-04	0.67	3.84E-01	-0.03	9.88E-01	EGA2-1
ENSMMUG00000013264			0.19	1.91	2.03	1.79	3.19	1.37E-03	0.44	7.42E-01	-1.08	5.76E-01	EGA2-1
ENSMMUG00000043533	GCNT4	Glucosaminyl (N-acetyl) Transferase 4, Core 2	0.01	0.59	0.30	0.74	6.01	3.12E-04	1.04	6.16E-01	0.48	9.25E-01	EGA2-1
ENSMMUG00000039855			7.82	33.12	48.08	32.44	2.20	5.23E-07	0.65	2.08E-01	-0.88	2.12E-01	EGA2-1

ENSMMUG00000029973	LOC709583	60S Acidic Ribosomal Protein P1 Pseudogene	24.99	62.72	163.04	99.46	1.62	1.97E-03	1.04	5.99E-02	-0.71	4.41E-01	EGA2-1
ENSMMUG00000017057	HOMER1	Homer Scaffolding Protein 1	12.84	65.34	30.01	4.60	1.93	4.11E-02	-0.93	3.78E-01	-2.19	7.29E-02	EGA2-1
ENSMMUG00000003578	LOC693947	Ribosomal Protein S23-like	25.09	83.81	113.59	86.85	1.54	4.48E-06	0.61	1.08E-01	-0.39	5.59E-01	EGA2-1
ENSMMUG00000018999	LOC106998833	Peptidyl-prolyl Cis-trans Isomerase A Pseudogene	51.62	283.75	471.91	473.72	2.73	3.68E-05	0.69	3.97E-01	0.92	4.43E-01	EGA2-1
ENSMMUG00000043019			3.56	82.74	15.89	42.79	3.98	8.12E-04	-1.39	3.19E-01	0.68	8.20E-01	EGA2-1
ENSMMUG00000039795			0.01	6.15	0.13	0.01	9.04	1.47E-02	-6.84	7.09E-02	-0.71	9.58E-01	EGA2-1
ENSMMUG00000029931			178.11	820.35	1095.25	#####	2.16	1.13E-06	0.67	2.03E-01	-0.19	8.86E-01	EGA2-1
ENSMMUG00000018813			48.81	118.82	116.28	101.80	1.06	1.20E-02	-0.03	9.62E-01	-0.03	9.82E-01	EGA2-1
ENSMMUG00000007773	SLCO4C1	Solute Carrier Organic Anion Transporter Family Member 4C1	0.32	22.93	48.94	54.08	7.52	1.45E-22	1.36	1.41E-01	-0.14	9.64E-01	EGA2-1
ENSMMUG00000029880	LOC704012	60S Ribosomal Protein L23a Pseudogene	177.49	765.33	574.85	490.73	2.11	1.08E-08	-0.26	6.05E-01	-0.25	7.99E-01	EGA2-1
ENSMMUG00000046285			3.48	19.79	19.90	16.01	2.52	5.71E-06	0.08	9.34E-01	-0.33	8.15E-01	EGA2-1
ENSMMUG00000004670	WDR36	WD Repeat Domain 36	0.98	10.93	17.68	8.05	2.82	1.31E-03	1.20	2.27E-01	-0.89	6.17E-01	EGA2-1
ENSMMUG00000046617	LOC695949	39S Ribosomal Protein L49, Mitochondrial-like	0.55	15.80	7.07	6.72	4.55	3.91E-11	-0.78	3.75E-01	0.18	9.44E-01	EGA2-1
ENSMMUG00000029932			45.31	203.43	252.07	281.13	2.18	3.15E-08	0.43	3.95E-01	-0.10	9.44E-01	EGA2-1
ENSMMUG00000046228	LOC702864	Prothymosin Alpha-like	178.81	1459.63	890.53	632.27	2.67	3.27E-07	-0.51	4.45E-01	-0.30	8.31E-01	EGA2-1
ENSMMUG00000045704			6.35	21.21	16.19	15.82	1.54	1.37E-03	0.00	9.96E-01	-0.14	9.31E-01	EGA2-1
ENSMMUG00000004417	SAR1B	Secretion Associated Ras Related GTPase 1B	1.98	14.51	9.24	7.53	2.31	3.86E-02	-0.32	8.36E-01	0.83	7.27E-01	EGA2-1
ENSMMUG00000012463	DDX46	DEAD-box Helicase 46	43.67	128.54	115.08	75.85	1.18	4.90E-03	0.02	9.73E-01	-0.46	5.57E-01	EGA2-1
ENSMMUG00000004013	C6H5orf24	Chromosome 6 Open Reading Frame, Human C5orf24	0.50	8.46	4.47	5.03	4.73	8.67E-06	-0.95	4.81E-01	0.15	9.70E-01	EGA2-1
ENSMMUG00000001515	CDC23	Cell Division Cycle 23	0.50	10.45	7.30	10.52	3.92	9.53E-05	-0.13	9.37E-01	0.91	6.79E-01	EGA2-1
ENSMMUG00000000455	KDM3B	Lysine Demethylase 3B	1.16	5.34	8.13	19.76	2.51	1.91E-03	0.63	5.35E-01	0.99	5.03E-01	EGA2-1
ENSMMUG000000005871	ETF1	Eukaryotic Translation Termination Factor 1	25.29	93.52	108.47	76.78	1.59	1.91E-02	0.45	5.89E-01	-0.79	5.13E-01	EGA2-1
ENSMMUG00000016741	MATR3	Matrin 3	2.40	46.90	58.82	41.48	4.11	1.62E-22	0.65	2.15E-01	-0.37	7.27E-01	EGA2-1
ENSMMUG00000019582	LOC698045	Ankyrin Repeat And KH Domain-containing Protein 1	2.01	9.19	13.44	13.26	2.16	5.10E-04	0.76	2.95E-01	0.10	9.67E-01	EGA2-1
ENSMMUG00000010007	CD14	CD14 Molecule	0.08	1.74	1.71	0.21	5.21	1.55E-04	-2.21	1.51E-01	-0.59	8.81E-01	EGA2-1
ENSMMUG00000018246	TMCO6	Transmembrane And Coiled-coil Domains 6	0.22	6.65	1.78	4.27	4.00	1.25E-03	-2.00	1.40E-01	1.77	4.08E-01	EGA2-1
ENSMMUG00000010008	IK	IK Cytokine	45.63	106.71	105.26	66.53	1.10	3.18E-02	0.07	9.26E-01	-0.24	8.51E-01	EGA2-1
ENSMMUG00000004480	DND1	DND MicroRNA-mediated Repression Inhibitor 1	2.38	13.61	10.36	7.58	2.28	2.46E-02	-0.25	8.64E-01	-0.13	9.72E-01	EGA2-1
ENSMMUG00000007073			22.50	97.74	88.38	70.62	2.10	5.66E-08	0.06	9.23E-01	-0.40	6.37E-01	EGA2-1
ENSMMUG00000021964	DIAPH1	Diaphanous Related Formin 1	3.56	14.16	21.04	19.27	1.80	2.80E-02	0.96	2.84E-01	0.13	9.64E-01	EGA2-1
ENSMMUG00000047451			44.08	101.55	100.43	110.17	1.06	7.93E-03	0.10	8.67E-01	-0.30	7.37E-01	EGA2-1
ENSMMUG00000021660	AFAP1L1	Actin Filament Associated Protein 1 Like 1	0.01	0.69	1.91	2.51	6.46	2.97E-05	1.19	5.02E-01	-0.86	8.12E-01	EGA2-1
ENSMMUG00000001758	CSNK1A1	Casein Kinase 1 Alpha 1	14.00	33.30	33.34	40.82	1.14	7.88E-04	-0.04	9.48E-01	0.28	7.19E-01	EGA2-1
ENSMMUG00000017714	ARHGEF37	Rho Guanine Nucleotide Exchange Factor 37	0.00	0.39	1.86	0.48	6.45	1.26E-05	2.43	9.65E-02	-1.03	7.47E-01	EGA2-1
ENSMMUG00000004749	PPARGC1B	PPARG Coactivator 1 Beta	0.18	2.77	3.89	2.86	3.70	5.58E-04	1.28	3.06E-01	-1.36	4.89E-01	EGA2-1
ENSMMUG00000029776	SLC26A2	Solute Carrier Family 26 Member 2	0.56	7.41	11.72	8.17	4.52	1.81E-06	1.23	2.80E-01	-1.60	3.19E-01	EGA2-1
ENSMMUG00000002848	RPS14	Ribosomal Protein S14	4.89	22.42	28.79	27.95	2.46	2.92E-04	-0.13	9.04E-01	-0.03	9.92E-01	EGA2-1
ENSMMUG000000005414	NDST1	N-deacetylase And N-sulfotransferase 1	1.41	7.06	1.89	2.70	1.96	4.01E-02	-1.63	9.27E-02	0.51	8.19E-01	EGA2-1
ENSMMUG00000014701	G3BP1	G3BP Stress Granule Assembly Factor 1	4.07	22.21	19.90	30.04	1.87	2.10E-02	-0.21	8.51E-01	0.38	8.51E-01	EGA2-1
ENSMMUG00000014704	GLRA1	Glycine Receptor Alpha 1	0.02	0.73	0.20	1.26	5.58	1.47E-02	0.82	7.71E-01	3.31	3.19E-01	EGA2-1

ENSMMUG00000029761	LOC714001	Histone H2B Type 1-K-like	72.37	168.03	105.39	74.46	1.26	4.83E-02	-1.04	1.07E-01	-0.56	6.49E-01	EGA2-1
ENSMMUG00000009108			3.87	19.52	36.49	62.66	3.51	5.60E-04	0.49	7.28E-01	0.67	7.85E-01	EGA2-1
ENSMMUG00000011472	PWWP2A	PWWP Domain Containing 2A	1.18	9.30	9.27	8.54	2.86	5.99E-03	-0.18	9.08E-01	1.07	5.95E-01	EGA2-1
ENSMMUG00000029285			10.07	59.36	56.14	45.79	2.62	3.53E-03	-1.18	2.43E-01	-0.39	8.73E-01	EGA2-1
ENSMMUG00000029730	RPL29	Ribosomal Protein L29	11.11	60.53	94.75	63.24	2.64	6.14E-06	0.74	2.92E-01	-1.10	2.41E-01	EGA2-1
ENSMMUG00000015781	NPM1	Nucleophosmin 1	907.40	2469.59	2334.12	#####	1.34	6.79E-06	-0.11	8.02E-01	-0.48	3.55E-01	EGA2-1
ENSMMUG00000045352	FGF18	Fibroblast Growth Factor 18	0.01	2.48	0.79	3.84	9.10	5.86E-04	-0.52	8.92E-01	4.47	2.62E-01	EGA2-1
ENSMMUG00000016008	FBXW11	F-box And WD Repeat Domain Containing 11	2.51	13.10	7.88	5.98	2.10	1.26E-03	-0.59	4.58E-01	-0.92	4.21E-01	EGA2-1
ENSMMUG00000005909	CREBRF	CREB3 Regulatory Factor	1.17	7.93	7.09	5.96	2.95	2.45E-04	-0.69	4.94E-01	0.01	9.98E-01	EGA2-1
ENSMMUG00000019715	ARL10	ADP Ribosylation Factor Like GTPase 10	0.20	8.53	3.20	2.52	4.88	6.73E-06	-1.91	1.17E-01	1.18	5.98E-01	EGA2-1
ENSMMUG00000009317			11.74	108.29	68.66	54.90	3.21	1.76E-04	-0.56	6.22E-01	-0.36	8.83E-01	EGA2-1
ENSMMUG00000009059	FAF2	Fas Associated Factor Family Member 2	1.70	8.49	14.12	10.48	1.99	1.39E-02	1.01	2.57E-01	-0.42	8.32E-01	EGA2-1
ENSMMUG00000013282	RNF44	Ring Finger Protein 44	2.95	8.82	8.94	7.24	1.73	3.64E-02	-0.56	5.74E-01	0.05	9.87E-01	EGA2-1
ENSMMUG00000045543			0.08	0.83	0.67	0.48	4.03	3.40E-02	-2.59	1.89E-01	2.24	4.88E-01	EGA2-1
ENSMMUG00000009045	RAB24	RAB24, Member RAS Oncogene Family	0.20	4.36	2.34	1.97	3.71	5.69E-03	-1.03	5.32E-01	-1.10	7.00E-01	EGA2-1
ENSMMUG00000016911	DDX41	DEAD-box Helicase 41	0.65	5.71	3.96	5.62	3.22	2.28E-04	-0.59	6.10E-01	1.03	5.36E-01	EGA2-1
ENSMMUG00000016910	FAM193B	Family With Sequence Similarity 193 Member B	0.13	1.78	2.55	1.53	3.64	1.71E-04	-0.06	9.70E-01	-0.46	8.62E-01	EGA2-1
ENSMMUG00000018757			3.07	58.80	20.67	18.41	4.37	1.58E-05	-1.72	1.31E-01	-0.30	9.30E-01	EGA2-1
ENSMMUG00000003996	HNRNPAB	Heterogeneous Nuclear Ribonucleoprotein A/B	3.85	161.95	138.29	132.15	5.40	1.05E-17	-0.22	8.30E-01	0.52	7.44E-01	EGA2-1
ENSMMUG00000008978	ZFP2	ZFP2 Zinc Finger Protein	0.12	1.80	1.76	0.64	4.20	3.29E-04	0.62	6.95E-01	-2.05	2.68E-01	EGA2-1
ENSMMUG00000010843	HNRNPH1	Heterogeneous Nuclear Ribonucleoprotein H1	17.67	231.00	120.00	116.24	3.59	6.87E-09	-0.90	2.29E-01	0.04	9.86E-01	EGA2-1
ENSMMUG00000012371	MAML1	Mastermind Like Transcriptional Coactivator 1	2.48	8.41	9.76	10.24	2.50	6.29E-04	0.19	8.59E-01	-0.21	9.31E-01	EGA2-1
ENSMMUG00000048053			0.21	6.40	1.29	4.44	4.35	1.82E-03	-1.42	3.49E-01	3.34	7.44E-02	EGA2-1
ENSMMUG00000003604	RACK1	Receptor For Activated C Kinase 1	14.62	73.19	108.52	133.98	2.33	3.26E-06	0.71	2.35E-01	0.01	9.97E-01	EGA2-1
ENSMMUG00000007598	TRIM52	Tripartite Motif Containing 52	0.50	9.38	10.69	2.59	4.06	6.84E-03	-0.68	7.39E-01	-0.65	8.73E-01	EGA2-1
ENSMMUG00000001210			137.61	513.90	602.87	564.79	2.12	4.66E-24	0.20	4.87E-01	-0.41	2.50E-01	EGA2-1
ENSMMUG00000023785	LOC708415	Tubulin Beta-2B Chain	1.25	11.18	30.40	17.65	2.62	8.75E-04	1.59	5.72E-02	-0.73	6.61E-01	EGA2-1
ENSMMUG00000045990	LOC100428069	40S Ribosomal Protein S27-like	5.53	30.49	45.85	44.36	2.53	2.73E-08	0.57	3.06E-01	0.19	8.94E-01	EGA2-1
ENSMMUG00000014017	PRPF4B	Pre-mRNA Processing Factor 4B	5.24	65.93	75.95	60.06	3.41	2.41E-10	0.65	3.41E-01	-0.71	5.03E-01	EGA2-1
ENSMMUG00000001925			36.64	186.62	151.76	106.20	2.36	1.56E-05	-0.46	5.15E-01	-0.24	8.80E-01	EGA2-1
ENSMMUG00000007852	RREB1	Ras Responsive Element Binding Protein 1	2.69	21.46	24.86	23.37	3.14	1.21E-16	0.08	8.94E-01	0.25	8.04E-01	EGA2-1
ENSMMUG00000046204			5.09	15.88	20.49	23.82	2.07	9.67E-04	-0.02	9.86E-01	0.66	5.96E-01	EGA2-1
ENSMMUG00000029997			9.65	48.83	72.41	75.05	2.66	6.97E-04	0.56	5.78E-01	0.73	6.54E-01	EGA2-1
ENSMMUG00000010672	SLC35B3	Solute Carrier Family 35 Member B3	0.38	7.17	5.86	4.35	4.28	8.79E-07	0.56	6.36E-01	1.19	4.62E-01	EGA2-1
ENSMMUG00000006186	TFAP2A	Transcription Factor AP-2 Alpha	0.12	1.70	1.34	3.15	4.23	1.30E-03	-1.86	2.08E-01	3.16	8.03E-02	EGA2-1
ENSMMUG00000004347	ADTRP	Androgen Dependent TFPI Regulating Protein	0.16	4.53	8.05	9.70	4.52	9.94E-11	0.42	6.71E-01	0.59	7.23E-01	EGA2-1
ENSMMUG00000005407	GFOD1	Glucose-fructose Oxidoreductase Domain Containing 1	0.00	0.28	0.22	0.57	6.69	1.90E-02	-2.96	3.43E-01	3.38	4.76E-01	EGA2-1
ENSMMUG00000029978			3.07	22.77	22.92	34.72	2.90	6.21E-05	0.15	8.93E-01	0.27	9.01E-01	EGA2-1
ENSMMUG00000029940			20.20	49.07	55.37	63.94	1.21	6.68E-03	0.33	5.54E-01	-0.30	7.75E-01	EGA2-1
ENSMMUG00000002682	C4H6orf62	Chromosome 4 Open Reading Frame, Human C6orf62	15.19	28.50	53.34	38.99	1.06	1.40E-02	0.76	8.73E-02	-0.39	6.47E-01	EGA2-1
ENSMMUG00000038737	HIST1H2BA	Histone Cluster 1, H2ba	22.35	78.45	101.29	28.41	3.57	1.08E-04	-1.18	2.77E-01	-1.55	3.19E-01	EGA2-1

ENSMMUG00000042224	LOC695427	Histone H3.1	26.24	287.84	299.42	271.80	3.22	2.71E-05	-0.45	6.69E-01	0.18	9.50E-01	EGA2-1
ENSMMUG00000043203	HIST1H2AE	Histone Cluster 1, H2ae	23.88	87.75	129.03	89.55	1.82	3.64E-02	-0.21	8.63E-01	0.00	9.99E-01	EGA2-1
ENSMMUG00000046231	LOC696506	Histone H2B Type 1	4.81	36.42	42.68	48.04	2.63	6.17E-03	0.02	9.89E-01	0.07	9.84E-01	EGA2-1
ENSMMUG00000037912			8.81	71.11	81.52	78.07	3.26	7.35E-03	-0.72	6.45E-01	0.45	8.95E-01	EGA2-1
ENSMMUG00000048107	LOC106996634	Histone H4-like	1.69	77.42	136.49	113.82	5.18	3.17E-06	0.86	5.50E-01	0.29	9.40E-01	EGA2-1
ENSMMUG00000039700	HIST1H2AC	Histone Cluster 1, H2ac	15.67	115.43	100.04	69.80	2.93	3.90E-09	-0.41	5.41E-01	-0.48	6.73E-01	EGA2-1
ENSMMUG00000041727	LOC106997853	Histone H2B Type 1-M-like	0.87	5.99	4.64	6.71	2.48	3.42E-03	-0.29	8.13E-01	0.78	6.53E-01	EGA2-1
ENSMMUG00000048883	LOC696808	Histone H2B Type 1	3.24	155.08	163.85	98.57	7.36	1.72E-12	-0.08	9.64E-01	-0.44	8.91E-01	EGA2-1
ENSMMUG00000048625	LOC697115	Histone H4	0.50	13.35	42.65	98.01	3.11	4.30E-02	2.19	1.11E-01	2.44	2.15E-01	EGA2-1
ENSMMUG00000041744			0.95	51.73	51.85	61.18	6.44	4.28E-10	-0.15	9.27E-01	-1.09	6.02E-01	EGA2-1
ENSMMUG00000048370	LOC696808	Histone H2B Type 1	1.08	53.92	99.39	102.97	6.11	3.43E-06	0.63	7.37E-01	0.41	9.20E-01	EGA2-1
ENSMMUG00000045838	HIST1H2AD	Histone Cluster 1, H2ad	2.22	51.35	82.33	79.43	3.73	5.22E-05	0.78	5.07E-01	0.33	9.05E-01	EGA2-1
ENSMMUG00000040447	LOC698105	Histone H3.1	0.18	32.91	20.86	31.39	8.62	7.85E-11	-1.68	2.46E-01	0.12	9.80E-01	EGA2-1
ENSMMUG00000045171	LOC698354	Histone H4	1.02	138.69	171.44	224.73	8.45	5.14E-07	-1.22	5.68E-01	0.76	8.70E-01	EGA2-1
ENSMMUG00000048028			0.31	54.82	53.22	90.17	6.19	1.97E-05	0.89	6.26E-01	0.18	9.73E-01	EGA2-1
ENSMMUG00000045038	HIST1H2BH	Histone Cluster 1, H2bh	0.10	21.55	14.35	11.45	8.06	2.19E-14	-0.53	7.13E-01	1.35	4.95E-01	EGA2-1
ENSMMUG00000043826			36.04	214.94	246.74	145.82	2.36	4.65E-03	-0.25	8.37E-01	-0.62	7.39E-01	EGA2-1
ENSMMUG00000047819	LOC699110	Histone H4	16.76	67.41	63.36	39.16	2.24	2.20E-02	-0.26	8.51E-01	-2.06	1.24E-01	EGA2-1
ENSMMUG00000020417			26.19	118.65	168.32	172.17	2.18	1.05E-06	0.41	4.72E-01	0.04	9.85E-01	EGA2-1
ENSMMUG00000006914	ABT1	Activator Of Basal Transcription 1	0.23	12.50	6.85	5.83	5.26	9.65E-05	-1.09	5.23E-01	1.16	6.96E-01	EGA2-1
ENSMMUG00000041377	HIST1H2BK	Histone Cluster 1, H2bk	135.11	357.14	198.38	136.85	1.40	3.17E-02	-1.19	6.97E-02	-0.61	6.29E-01	EGA2-1
ENSMMUG00000023683			0.09	0.59	0.73	0.63	2.53	4.28E-02	0.08	9.64E-01	0.12	9.78E-01	EGA2-1
ENSMMUG00000042667			0.52	7.76	2.48	4.69	4.32	2.72E-03	-1.49	3.66E-01	2.44	3.00E-01	EGA2-1
ENSMMUG00000040850			0.94	13.06	5.37	4.99	4.59	2.25E-02	-1.55	5.09E-01	0.98	8.42E-01	EGA2-1
ENSMMUG00000042816	LOC704241	Histone H2B Type 1-F/J/L	0.58	15.76	24.88	23.06	4.41	6.88E-08	0.08	9.56E-01	0.19	9.51E-01	EGA2-1
ENSMMUG00000042665	HIST1H2AD	Histone Cluster 1, H2ad	0.01	2.35	4.66	2.50	7.46	2.51E-04	0.08	9.79E-01	-0.16	9.82E-01	EGA2-1
ENSMMUG00000046125	LOC703889	Histone H3.1	0.13	31.33	50.08	86.84	9.49	6.76E-11	0.63	7.50E-01	-0.71	8.53E-01	EGA2-1
ENSMMUG00000046727	HIST1H2AJ	Histone Cluster 1, H2aj	0.34	63.53	129.49	116.57	6.59	1.71E-14	1.65	8.31E-02	-0.53	8.11E-01	EGA2-1
ENSMMUG00000037560	LOC705220	Histone H3.1t-like	1.81	47.14	50.67	75.89	4.47	8.48E-06	0.77	5.54E-01	-0.29	9.32E-01	EGA2-1
ENSMMUG00000043231	HIST1H2AD	Histone Cluster 1, H2ad	6.91	67.53	91.78	38.96	3.65	3.96E-05	-0.15	9.18E-01	-1.48	3.20E-01	EGA2-1
ENSMMUG00000038041			12.29	47.74	40.32	34.08	1.90	3.27E-02	-0.82	4.23E-01	-1.11	4.63E-01	EGA2-1
ENSMMUG00000047851	LOC704994	Histone H2A Type 1-H-like	0.24	53.31	99.77	87.98	7.72	5.38E-12	1.05	4.36E-01	-0.31	9.31E-01	EGA2-1
ENSMMUG00000048243	LOC100430668	Histone H3.1-like	0.12	32.65	32.79	38.88	7.90	2.60E-09	0.75	6.71E-01	0.29	9.50E-01	EGA2-1
ENSMMUG00000043751	HIST1H2AD	Histone Cluster 1, H2ad	0.13	52.51	68.03	48.44	8.66	1.46E-20	0.32	7.96E-01	0.02	9.95E-01	EGA2-1
ENSMMUG00000046025	HIST1H2BO	Histone Cluster 1, H2bo	1.80	82.01	77.76	67.36	4.15	1.00E-05	-0.03	9.85E-01	-0.98	6.21E-01	EGA2-1
ENSMMUG00000003331	ZSCAN16	Zinc Finger And SCAN Domain Containing 16	0.12	2.25	1.08	1.97	4.89	5.72E-04	-1.35	4.35E-01	0.71	8.50E-01	EGA2-1
ENSMMUG00000003332	LOC706188	Zinc Finger Protein With KRAB And SCAN Domains 8	0.34	4.23	3.69	4.30	2.87	1.69E-02	0.00	9.99E-01	2.17	2.17E-01	EGA2-1
ENSMMUG00000029892			0.01	2.45	1.48	0.35	6.97	4.10E-02	-1.74	6.74E-01	1.08	9.07E-01	EGA2-1
ENSMMUG00000011675	ZSCAN12	Zinc Finger And SCAN Domain Containing 12	0.03	0.42	0.28	1.12	6.78	1.71E-06	-1.49	3.35E-01	2.90	1.31E-01	EGA2-1
ENSMMUG00000012396	ZSCAN23	Zinc Finger And SCAN Domain Containing 23	0.01	0.77	0.34	0.47	6.78	5.58E-05	-0.63	7.79E-01	3.60	1.37E-01	EGA2-1
ENSMMUG00000008799	MAMU-F	Major Histocompatibility Complex, Class I, F	0.95	4.55	2.76	2.40	2.36	1.08E-02	-0.21	8.75E-01	-0.58	7.96E-01	EGA2-1
ENSMMUG00000044002	MAMU-A	Major Histocompatibility Complex, Class I, A	0.43	0.67	0.53	1.08	2.49	3.66E-02	-1.66	1.89E-01	0.15	9.72E-01	EGA2-1
ENSMMUG00000011686			0.30	2.78	1.49	2.56	3.21	1.34E-02	-1.42	3.35E-01	0.17	9.71E-01	EGA2-1
ENSMMUG00000001886	ABCF1	ATP Binding Cassette Subfamily F Member 1	11.71	70.63	37.31	25.49	2.55	1.26E-06	-1.04	7.78E-02	0.14	9.37E-01	EGA2-1
ENSMMUG00000006524	PPP1R10	Protein Phosphatase 1 Regulatory Subunit 10	32.40	71.12	49.39	32.30	1.19	4.06E-02	-0.74	2.38E-01	-0.43	7.30E-01	EGA2-1
ENSMMUG00000019960	DHX16	DEAH-box Helicase 16	0.65	8.51	6.69	5.30	3.54	7.88E-08	-0.60	4.83E-01	0.72	6.05E-01	EGA2-1
ENSMMUG00000030028	TUBB	Tubulin Beta Class I	0.34	2.44	7.61	12.07	2.97	5.71E-03	1.71	1.22E-01	0.11	9.77E-01	EGA2-1
ENSMMUG00000018615			0.07	2.70	1.50	0.28	6.61	2.61E-03	-3.61	1.26E-01	-2.28	6.02E-01	EGA2-1
ENSMMUG00000048806			0.26	2.81	1.29	0.49	2.75	2.09E-02	-0.64	6.75E-01	-1.77	3.70E-01	EGA2-1
ENSMMUG00000045600	MAMU-B	MHC Class I Antigen	0.19	2.17	1.77	0.68	2.86	4.69E-03	0.33	8.20E-01	-2.01	1.74E-01	EGA2-1

ENSMMUG00000029841	LOC720351	HLA Class I Histocompatibility Antigen, B-27 Alpha Chain like	0.24	2.33	1.78	0.60	3.33	2.10E-02	-0.69	7.13E-01	-1.51	5.75E-01	EGA2-1
ENSMMUG00000005294	CSNK2B	Casein Kinase 2 Beta	7.09	25.47	16.32	11.71	1.72	8.98E-05	-0.55	2.92E-01	-0.69	3.54E-01	EGA2-1
ENSMMUG00000006828	VARS	Valyl-tRNA Synthetase	1.02	4.33	10.63	13.89	2.22	1.87E-02	1.06	3.13E-01	1.05	5.33E-01	EGA2-1
ENSMMUG00000006832	LSM2	LSM2 Homolog, U6 Small Nuclear RNA And MRNA Degradation Associated	2.39	16.07	26.87	27.54	3.63	3.64E-05	0.66	5.60E-01	-0.35	8.92E-01	EGA2-1
ENSMMUG00000000735	NELFE	Negative Elongation Factor Complex Member E	3.02	19.49	9.17	6.83	2.13	1.32E-02	-0.51	6.43E-01	-0.91	5.74E-01	EGA2-1
ENSMMUG00000011306			0.16	3.76	0.41	0.49	4.49	1.63E-02	-3.50	6.66E-02	-1.04	8.18E-01	EGA2-1
ENSMMUG00000003867	RPS18	Ribosomal Protein S18	43.55	227.36	335.69	368.46	2.59	3.01E-09	0.39	5.03E-01	0.07	9.69E-01	EGA2-1
ENSMMUG000000047020			0.00	1.55	2.94	0.98	20.72	6.68E-07	2.56	6.51E-01	-1.87	8.76E-01	EGA2-1
ENSMMUG00000003871	PFDN6	Prefoldin Subunit 6	5.29	32.99	20.59	15.13	2.43	5.07E-03	-1.18	2.21E-01	0.15	9.64E-01	EGA2-1
ENSMMUG00000004287	DAXX	Death Domain Associated Protein	10.20	28.62	17.11	19.34	1.27	4.84E-02	-0.49	5.07E-01	0.10	9.65E-01	EGA2-1
ENSMMUG00000007477	KIFC1	Kinesin Family Member C1	4.27	16.87	9.64	13.57	1.94	1.64E-03	-1.09	9.98E-02	0.99	3.23E-01	EGA2-1
ENSMMUG00000009104	BAK1	BCL2 Antagonist/killer 1	0.66	25.60	48.67	19.86	6.34	3.08E-07	0.71	6.82E-01	-1.85	4.08E-01	EGA2-1
ENSMMUG00000019505	EIF1	Eukaryotic Translation Initiation Factor 1	71.18	331.25	232.55	75.40	2.26	6.77E-05	-0.84	1.99E-01	-1.26	1.38E-01	EGA2-1
ENSMMUG00000019529	HMGA1	High Mobility Group AT- hook 1	60.75	336.76	560.17	415.42	2.54	1.84E-06	0.43	5.44E-01	-0.37	7.80E-01	EGA2-1
ENSMMUG00000029987			323.07	1579.63	1590.01	#####	1.91	9.33E-04	0.28	7.28E-01	-0.70	5.12E-01	EGA2-1
ENSMMUG000000021715	TAF11	TATA-box Binding Protein Associated Factor 11	1.47	13.89	6.68	6.89	3.77	1.05E-04	-0.66	6.08E-01	1.23	5.00E-01	EGA2-1
ENSMMUG00000014306	SRSF3	Serine And Arginine Rich Splicing Factor 3	3.36	81.54	82.24	80.04	4.60	1.05E-25	0.15	8.34E-01	-0.17	9.03E-01	EGA2-1
ENSMMUG000000042101			0.12	2.48	1.68	1.83	6.34	7.26E-07	-2.05	1.33E-01	1.44	5.54E-01	EGA2-1
ENSMMUG000000021976	MTCH1	Mitochondrial Carrier 1	8.65	23.91	25.19	25.57	1.27	3.91E-02	-0.22	7.87E-01	0.72	5.04E-01	EGA2-1
ENSMMUG000000021173	NFYA	Nuclear Transcription Factor Y Subunit Alpha	1.96	7.31	3.99	4.88	1.79	7.46E-03	-0.80	2.91E-01	0.31	8.60E-01	EGA2-1
ENSMMUG000000043970			28.40	130.45	140.83	123.63	2.19	7.37E-03	0.12	9.24E-01	-0.13	9.67E-01	EGA2-1
ENSMMUG000000021313	RPL7L1	Ribosomal Protein L7 Like 1	2.11	31.39	39.87	31.89	4.10	7.03E-07	0.28	8.24E-01	-0.02	9.95E-01	EGA2-1
ENSMMUG000000042706	CNPY3	Canopy FGF Signaling Regulator 3	0.77	4.49	0.78	1.12	2.29	4.87E-02	-2.20	5.52E-02	1.52	4.26E-01	EGA2-1
ENSMMUG00000001393	GNMT	Glycine N- methyltransferase	0.08	0.79	0.84	0.54	5.48	3.53E-02	-1.98	5.00E-01	1.83	7.33E-01	EGA2-1
ENSMMUG000000016992			27.74	136.80	246.78	144.58	2.60	1.67E-11	0.72	1.07E-01	-0.74	2.57E-01	EGA2-1
ENSMMUG00000015192	POLR1C	RNA Polymerase I Subunit C	0.79	39.49	32.74	15.94	5.92	2.33E-15	-0.35	7.58E-01	-0.94	5.36E-01	EGA2-1
ENSMMUG00000015193	XPO5	Exportin 5	5.51	23.49	24.24	19.36	1.94	2.15E-03	-0.07	9.45E-01	-0.25	8.93E-01	EGA2-1
ENSMMUG00000008890	GTPBP2	GTP Binding Protein 2	0.92	11.60	5.00	6.24	2.96	1.36E-03	-1.45	1.54E-01	0.01	9.99E-01	EGA2-1
ENSMMUG000000022686	HSP90AB1	Heat Shock Protein 90 Alpha Family Class B Member 1	80.14	147.55	166.82	205.80	0.74	3.80E-02	0.15	7.45E-01	0.25	7.44E-01	EGA2-1
ENSMMUG00000006691	IL17F	Interleukin 17F	0.01	2.88	2.43	2.07	6.84	7.80E-05	1.64	3.86E-01	-2.21	4.38E-01	EGA2-1
ENSMMUG000000042564			0.00	7.07	0.34	0.36	24.77	5.70E-15	-6.85	6.06E-02	5.46	3.42E-01	EGA2-1
ENSMMUG00000002777	LOC694104	Protein Tyrosine Phosphatase Type IVA 1	15.39	132.42	109.03	62.45	3.02	1.07E-13	-0.09	8.90E-01	-0.80	2.39E-01	EGA2-1
ENSMMUG00000017160	PHF3	PHD Finger Protein 3	8.25	18.24	19.38	17.48	1.33	4.39E-04	0.23	6.56E-01	-0.24	7.96E-01	EGA2-1
ENSMMUG00000015320	KCNQ5	Potassium Voltage-gated Channel Subfamily Q Member 5	0.06	2.12	0.45	0.49	4.54	1.06E-04	-2.21	8.39E-02	0.56	8.60E-01	EGA2-1
ENSMMUG00000004852	EEF1A2	Eukaryotic Translation Elongation Factor 1 Alpha 2	290.54	1173.25	1468.06	#####	2.18	1.26E-15	0.32	3.65E-01	-0.46	3.44E-01	EGA2-1
ENSMMUG00000009233	LOC716052	Eukaryotic Translation Initiation Factor 2 Subunit 3-like	0.63	4.41	7.05	7.22	2.60	7.84E-04	0.65	4.98E-01	0.09	9.74E-01	EGA2-1
ENSMMUG000000029549	LOC106992390	Cytochrome C	24.04	105.31	140.47	85.97	2.14	1.03E-04	0.52	4.45E-01	-0.40	7.61E-01	EGA2-1



ENSMMUG00000012575	SYNCRIP	Synaptotagmin Binding Cytoplasmic RNA Interacting Protein	31.10	50.74	46.61	45.35	0.76	1.54E-02	-0.12	7.89E-01	0.02	9.88E-01	EGA2-1
ENSMMUG00000041570			3.90	17.03	21.65	7.62	2.00	1.82E-02	0.62	5.47E-01	-1.14	4.35E-01	EGA2-1
ENSMMUG0000000222	CGA	Glycoprotein Hormones, Alpha Polypeptide	0.04	2.79	0.19	0.00	7.95	7.95E-03	-5.51	7.57E-02	-1.81	8.04E-01	EGA2-1
ENSMMUG00000029541			6.44	80.24	16.15	6.54	2.61	2.47E-02	-1.56	2.11E-01	-1.92	2.70E-01	EGA2-1
ENSMMUG00000003464	MDN1	Midasin AAA ATPase 1	7.32	21.76	26.80	26.06	1.06	4.23E-02	0.59	3.01E-01	-0.02	9.91E-01	EGA2-1
ENSMMUG00000009182	CASP8AP2	Caspase 8 Associated Protein 2	4.81	12.42	14.11	13.41	1.19	1.78E-02	0.54	3.36E-01	-0.76	3.31E-01	EGA2-1
ENSMMUG00000004061	CCNC	Cyclin C	0.56	4.88	16.84	11.62	3.08	2.32E-07	1.07	1.15E-01	0.22	9.05E-01	EGA2-1
ENSMMUG00000009861	CNKSR3	CNKSR Family Member 3	0.15	1.31	5.64	1.87	4.28	2.44E-04	2.23	7.56E-02	-1.55	4.63E-01	EGA2-1
ENSMMUG00000020178	MTRF1L	Mitochondrial Translational Release Factor 1 Like	17.12	72.54	150.12	72.94	2.36	4.63E-05	0.70	3.10E-01	-0.43	7.59E-01	EGA2-1
ENSMMUG00000000923	LOC694341	NKG2D Ligand 1-like	0.32	5.48	1.46	0.33	4.04	2.47E-02	-2.53	1.94E-01	-1.26	7.70E-01	EGA2-1
ENSMMUG00000009827	LATS1	Large Tumor Suppressor Kinase 1	0.51	4.45	8.04	2.62	3.52	5.48E-07	0.26	8.03E-01	-0.45	8.06E-01	EGA2-1
ENSMMUG00000029458			31.50	185.56	247.18	251.88	2.47	5.30E-05	0.61	4.25E-01	0.07	9.76E-01	EGA2-1
ENSMMUG00000017082	STXBP5	Syntaxin Binding Protein 5	1.32	4.60	3.02	3.38	1.98	5.65E-04	-1.06	9.01E-02	0.82	4.17E-01	EGA2-1
ENSMMUG00000047691	SF3B5	Splicing Factor 3b Subunit 5	3.47	26.53	15.08	15.46	3.02	1.94E-02	-2.12	1.16E-01	1.69	4.44E-01	EGA2-1
ENSMMUG00000040214			0.52	9.58	10.78	5.59	4.77	3.84E-03	-1.39	4.80E-01	0.36	9.50E-01	EGA2-1
ENSMMUG00000017643	CCDC28A	Coiled-coil Domain Containing 28A	0.52	7.45	8.10	7.47	3.83	2.62E-03	-0.33	8.56E-01	-0.32	9.39E-01	EGA2-1
ENSMMUG00000003710	BCLAF1	BCL2 Associated Transcription Factor 1	12.02	60.38	70.95	54.34	2.27	3.12E-06	0.47	4.52E-01	-0.30	8.12E-01	EGA2-1
ENSMMUG00000044284	LOC706532	40S Ribosomal Protein S11-like	35.82	165.44	149.43	92.57	2.41	5.43E-05	-0.22	8.03E-01	-1.01	3.09E-01	EGA2-1
ENSMMUG00000008140	SGK1	Serum/glucocorticoid Regulated Kinase 1	2.23	20.79	26.12	13.02	3.41	1.73E-11	0.08	9.23E-01	-0.71	4.70E-01	EGA2-1
ENSMMUG00000004166			1.54	8.34	11.88	14.59	2.22	2.15E-02	0.36	7.86E-01	-0.24	9.37E-01	EGA2-1
ENSMMUG00000022184	CEP85L	Centrosomal Protein 85 Like	0.28	5.03	6.86	1.45	4.01	1.71E-05	0.53	6.81E-01	-1.12	5.36E-01	EGA2-1
ENSMMUG00000045439	PLN	Phospholamban	0.02	1.19	0.88	0.32	7.91	5.27E-06	-0.18	9.44E-01	-1.74	5.90E-01	EGA2-1
ENSMMUG00000008937	HDAC2	Histone Deacetylase 2	6.30	36.68	53.83	39.53	2.30	9.35E-04	0.70	4.04E-01	-0.51	7.53E-01	EGA2-1
ENSMMUG00000001200	LOC695715	60S Ribosomal Protein L24 Pseudogene	104.46	233.18	238.38	211.52	1.12	4.87E-03	-0.03	9.68E-01	-0.39	6.30E-01	EGA2-1
ENSMMUG00000020637	CDK19	Cyclin Dependent Kinase 19	1.38	3.51	3.27	4.67	1.72	1.01E-02	-0.35	6.88E-01	0.71	5.74E-01	EGA2-1
ENSMMUG00000013373			197.25	526.71	462.78	278.71	1.26	8.02E-05	-0.32	4.19E-01	-0.46	4.28E-01	EGA2-1
ENSMMUG00000047404			22.46	108.78	128.25	98.85	2.25	9.98E-03	0.38	7.46E-01	-0.33	8.93E-01	EGA2-1
ENSMMUG00000043752	C4H6orf120	Chromosome 4 Open Reading Frame, Human C6orf120	0.18	3.85	3.39	3.25	4.21	3.04E-06	0.68	5.66E-01	-1.16	5.00E-01	EGA2-1
ENSMMUG00000019919	PSMB1	Proteasome Subunit Beta 1	12.45	24.15	35.90	41.14	1.08	3.91E-02	0.68	2.18E-01	0.25	8.45E-01	EGA2-1
ENSMMUG00000044763			12.75	63.98	83.11	87.82	2.25	5.03E-05	-0.05	9.56E-01	0.45	7.29E-01	EGA2-1
ENSMMUG00000012276	ARHGAP11A	Rho GTPase Activating Protein 11A	10.14	30.83	39.31	32.89	1.67	1.35E-04	0.03	9.62E-01	0.11	9.46E-01	EGA2-1
ENSMMUG00000014227	CHRM5	Cholinergic Receptor Muscarinic 5	0.00	1.59	0.78	0.95	7.36	2.98E-05	0.18	9.47E-01	-1.19	7.61E-01	EGA2-1
ENSMMUG00000012335	EMC4	ER Membrane Protein Complex Subunit 4	0.66	7.09	2.70	2.35	4.08	3.03E-03	-1.83	2.34E-01	-0.21	9.67E-01	EGA2-1
ENSMMUG00000046412			127.49	363.17	212.49	144.30	1.44	1.37E-02	-0.76	2.37E-01	-0.21	8.99E-01	EGA2-1
ENSMMUG00000006837	C7H15orf41	Chromosome 7 Open Reading Frame, Human C15orf41	5.91	26.52	18.82	4.65	2.18	3.71E-02	-0.74	5.53E-01	-1.78	2.46E-01	EGA2-1
ENSMMUG00000010704	SPRED1	Sprouty Related EVH1 Domain Containing 1	0.46	2.22	2.70	4.18	2.87	4.69E-03	-0.66	6.05E-01	1.45	3.97E-01	EGA2-1
ENSMMUG00000001482	CCDC32	Coiled-coil Domain Containing 32	0.16	8.86	4.59	2.33	6.23	1.33E-07	-2.10	1.13E-01	0.23	9.60E-01	EGA2-1

ENSMMUG00000001483	RPUSD2	RNA Pseudouridylate Synthase Domain Containing 2	0.37	5.85	4.92	6.58	4.55	3.88E-07	-0.85	4.56E-01	0.99	5.97E-01	EGA2-1
ENSMMUG00000001723	ZFYVE19	Zinc Finger FYVE-type Containing 19	0.47	5.38	1.33	1.28	3.48	1.44E-03	-2.16	6.19E-02	0.15	9.70E-01	EGA2-1
ENSMMUG000000040238	CHP1	Calcineurin Like EF-hand Protein 1	27.92	61.01	77.69	72.86	1.23	1.13E-02	0.11	8.70E-01	-0.18	8.93E-01	EGA2-1
ENSMMUG00000001544	LRRCS7	Leucine Rich Repeat Containing 57	0.34	3.00	3.40	2.24	3.45	1.03E-03	-0.39	7.94E-01	-0.75	7.62E-01	EGA2-1
ENSMMUG00000001548	HAUS2	HAUS Augmin Like Complex Subunit 2	1.03	16.13	20.21	11.07	3.62	1.26E-05	0.47	6.83E-01	-0.86	6.21E-01	EGA2-1
ENSMMUG000000015123	CDAN1	Codanin 1	0.26	4.08	3.22	1.87	4.24	7.80E-06	0.25	8.61E-01	-0.73	7.47E-01	EGA2-1
ENSMMUG00000007870	LOC712886	Creatine Kinase U-type, Mitochondrial	0.01	6.02	10.26	47.63	7.49	8.64E-10	1.08	4.43E-01	1.85	3.36E-01	EGA2-1
ENSMMUG000000022768	HYPK	Huntingtin Interacting Protein K	21.91	266.50	306.99	128.68	3.44	6.15E-06	-0.02	9.88E-01	-0.70	6.82E-01	EGA2-1
ENSMMUG000000014288	EIF3J	Eukaryotic Translation Initiation Factor 3 Subunit J	29.56	125.33	143.80	69.02	1.94	7.07E-05	-0.02	9.78E-01	-0.61	5.15E-01	EGA2-1
ENSMMUG000000014291	SPG11	SPG11, Spatacsin Vesicle Trafficking Associated	1.18	7.11	7.24	6.86	2.61	3.78E-04	0.29	7.83E-01	-0.13	9.63E-01	EGA2-1
ENSMMUG000000042950			0.72	4.57	8.27	15.29	2.25	7.56E-03	0.83	3.97E-01	0.79	6.37E-01	EGA2-1
ENSMMUG000000016097	RPL7L1	Ribosomal Protein L7 Like 1	1.75	23.36	26.72	25.94	3.57	1.37E-03	0.05	9.80E-01	-0.10	9.82E-01	EGA2-1
ENSMMUG000000008575	TRPM7	Transient Receptor Potential Cation Channel Subfamily M Member 7	1.30	7.05	10.20	14.87	2.24	2.95E-04	0.96	1.71E-01	0.67	5.91E-01	EGA2-1
ENSMMUG000000002345	TMOD3	Tropomodulin 3	2.68	12.29	29.37	25.54	2.19	5.13E-04	0.77	2.95E-01	1.22	2.03E-01	EGA2-1
ENSMMUG000000007504	MYO5C	Myosin VC	0.34	2.92	2.08	1.09	3.14	8.14E-04	-0.39	7.70E-01	-0.52	8.28E-01	EGA2-1
ENSMMUG0000000045902			6.35	20.78	31.06	29.94	1.71	1.16E-02	0.71	3.60E-01	-0.23	9.04E-01	EGA2-1
ENSMMUG0000000032402			1.24	5.65	10.09	6.01	1.58	2.10E-02	0.89	2.27E-01	-0.64	6.32E-01	EGA2-1
ENSMMUG0000000020348	BNIP2	BCL2 Interacting Protein 2	2.24	20.97	11.08	7.62	2.91	2.41E-06	-0.96	1.82E-01	-0.04	9.86E-01	EGA2-1
ENSMMUG0000000029624	LOC703344	60S Ribosomal Protein L36 Pseudogene	26.21	115.03	133.92	118.56	2.01	5.00E-05	0.08	9.17E-01	-0.43	6.94E-01	EGA2-1
ENSMMUG0000000016350	RPS27L	Ribosomal Protein S27 Like	8.64	89.50	67.17	38.00	3.54	1.32E-07	-0.49	5.87E-01	-0.79	5.58E-01	EGA2-1
ENSMMUG000000001247	ZNF609	Zinc Finger Protein 609	1.60	10.13	14.00	6.64	2.78	1.43E-04	0.23	8.37E-01	-1.05	4.21E-01	EGA2-1
ENSMMUG0000000041779			1.28	4.36	4.79	6.26	2.10	7.47E-04	-0.28	7.53E-01	0.00	9.99E-01	EGA2-1
ENSMMUG0000000006366	PIF1	PIF1 5'-to-3' DNA Helicase	0.12	2.20	0.82	2.43	3.88	4.04E-04	-0.76	5.87E-01	0.65	8.11E-01	EGA2-1
ENSMMUG0000000006714	CLPX	Caseinolytic Mitochondrial Matrix Peptidase Chaperone Subunit	20.93	42.95	59.67	27.40	0.95	2.71E-02	0.69	1.21E-01	-1.05	5.66E-02	EGA2-1
ENSMMUG0000000008311			5.77	27.71	17.16	6.20	2.30	3.18E-03	-1.29	1.24E-01	-1.35	2.66E-01	EGA2-1
ENSMMUG0000000014888	RPLP1	Ribosomal Protein Lateral Stalk Subunit P1	77.56	219.18	502.98	351.29	1.71	8.05E-04	0.85	1.28E-01	-0.48	6.52E-01	EGA2-1
ENSMMUG0000000014023	TLE3	Transducin Like Enhancer Of Split 3	0.28	0.81	3.98	5.24	2.78	1.87E-02	1.52	2.36E-01	1.77	3.42E-01	EGA2-1
ENSMMUG0000000005448	CD276	CD276 Molecule	3.95	17.98	8.70	1.92	2.44	3.48E-02	-1.63	1.82E-01	-1.79	3.11E-01	EGA2-1
ENSMMUG0000000021825	SEMA7A	Semaphorin 7A (John Milton Hagen Blood Group)	0.05	0.47	0.62	0.16	5.64	9.16E-03	-2.08	3.99E-01	-2.90	4.26E-01	EGA2-1
ENSMMUG0000000005227	MPI	Mannose Phosphate Isomerase	0.16	3.95	4.99	5.05	4.53	7.24E-04	0.17	9.35E-01	0.98	7.53E-01	EGA2-1
ENSMMUG0000000011678	RPP25	Ribonuclease P And MRP Subunit P25	0.04	10.10	5.14	2.86	9.06	9.43E-09	-2.26	1.81E-01	-0.24	9.68E-01	EGA2-1
ENSMMUG0000000018800	SCAMP5	Secretory Carrier Membrane Protein 5	0.04	3.76	2.59	1.00	6.89	3.31E-09	-2.01	1.29E-01	-2.48	1.71E-01	EGA2-1
ENSMMUG0000000008529	C7H15orf39	Chromosome 7 Open Reading Frame, Human C15orf39	7.25	27.50	19.52	14.14	1.71	1.80E-03	-0.27	7.17E-01	-0.41	7.43E-01	EGA2-1

ENSMMUG00000045566	FAM103A1	Family With Sequence Similarity 103 Member A1	7.07	61.29	50.50	21.07	2.81	1.74E-03	-0.11	9.37E-01	-1.16	4.72E-01	EGA2-1
ENSMMUG00000002403	WDR73	WD Repeat Domain 73	0.40	7.19	6.05	3.99	4.52	1.97E-03	0.18	9.40E-01	0.95	7.86E-01	EGA2-1
ENSMMUG00000022516	AEN	Apoptosis Enhancing Nuclease	0.07	1.94	1.13	1.47	3.88	1.63E-02	-0.15	9.52E-01	-1.78	5.37E-01	EGA2-1
ENSMMUG00000018122	MEF2A	Myocyte Enhancer Factor 2A	0.93	5.18	8.63	5.00	2.89	1.61E-04	-0.60	5.46E-01	0.63	7.15E-01	EGA2-1
ENSMMUG00000011826	SNRPA1	Small Nuclear Ribonucleoprotein Polypeptide A'	2.03	10.28	8.49	5.64	2.18	1.78E-02	-0.98	3.47E-01	0.03	9.94E-01	EGA2-1
ENSMMUG00000006283	LOC700872	60S Ribosomal Protein L18a-like	6.94	61.52	53.29	51.10	3.82	5.55E-06	-0.76	4.79E-01	-0.32	9.00E-01	EGA2-1
ENSMMUG00000014809	HNRNPC	Heterogeneous Nuclear Ribonucleoprotein C (C1/C2)	69.05	202.15	159.75	147.26	1.48	1.94E-04	-0.47	3.21E-01	0.04	9.82E-01	EGA2-1
ENSMMUG00000021552	RPGRIP1	RPGR Interacting Protein 1	0.00	0.77	0.27	0.07	7.00	7.24E-04	-3.52	1.01E-01	0.20	9.78E-01	EGA2-1
ENSMMUG00000015000	SUPT16H	SPT16 Homolog, Facilitates Chromatin Remodeling Subunit	16.81	38.57	43.40	27.20	1.36	3.17E-02	-0.22	7.94E-01	-0.23	8.97E-01	EGA2-1
ENSMMUG00000000830			48.21	115.82	98.24	67.93	1.42	4.28E-02	-0.54	5.13E-01	-0.41	7.98E-01	EGA2-1
ENSMMUG00000000411	OXA1L	OXA1L, Mitochondrial Inner Membrane Protein	9.47	32.86	57.96	70.40	1.86	9.32E-03	1.09	1.57E-01	-0.29	8.79E-01	EGA2-1
ENSMMUG00000000413	SLC7A7	Solute Carrier Family 7 Member 7	0.03	2.91	1.42	3.74	6.89	4.10E-07	-1.89	2.34E-01	1.93	4.34E-01	EGA2-1
ENSMMUG00000013663	MRPL52	Mitochondrial Ribosomal Protein L52	0.70	23.03	11.23	11.40	5.24	8.98E-09	-0.75	5.29E-01	-0.50	8.40E-01	EGA2-1
ENSMMUG00000013665	MMP14	Matrix Metalloproteinase 14	0.60	3.24	0.52	6.01	3.24	2.10E-02	-2.66	6.27E-02	3.52	5.01E-02	EGA2-1
ENSMMUG0000001035	PRMT5	Protein Arginine Methyltransferase 5	6.76	27.26	24.11	21.04	2.05	1.12E-03	-0.23	8.03E-01	-0.55	6.81E-01	EGA2-1
ENSMMUG00000012979	ACIN1	Apoptotic Chromatin Condensation Inducer 1	23.86	53.61	34.69	33.92	1.20	2.15E-02	-0.91	8.87E-02	0.26	8.37E-01	EGA2-1
ENSMMUG00000012481	IPO4	Importin 4	0.51	3.65	9.91	6.57	3.13	1.05E-04	1.46	1.01E-01	-0.01	9.98E-01	EGA2-1
ENSMMUG00000012496	TSSK4	Testis Specific Serine Kinase 4	0.07	0.63	0.49	0.79	3.42	3.92E-02	-0.39	8.62E-01	2.13	4.31E-01	EGA2-1
ENSMMUG000000009513	NYNRIN	NYN Domain And Retroviral Integrase Containing	0.08	2.65	2.36	7.13	5.35	1.88E-05	-0.03	9.88E-01	1.93	3.72E-01	EGA2-1
ENSMMUG00000021444	FOXP1	Forkhead Box G1	0.00	2.34	1.76	1.46	9.65	3.12E-07	-2.44	2.23E-01	1.72	6.38E-01	EGA2-1
ENSMMUG00000011515	STRN3	Striatin 3	1.70	6.18	10.48	8.57	1.79	1.49E-02	0.33	7.38E-01	0.28	8.92E-01	EGA2-1
ENSMMUG00000016346	ARHGAP5	Rho GTPase Activating Protein 5	4.53	32.09	21.43	18.77	2.91	6.43E-11	-0.82	1.15E-01	-0.12	9.42E-01	EGA2-1
ENSMMUG00000045671	EAPP	E2F Associated Phosphoprotein	1.02	5.10	7.10	5.58	2.13	1.02E-02	0.21	8.60E-01	0.13	9.66E-01	EGA2-1
ENSMMUG00000016544	PSMA6	Proteasome Subunit Alpha 6	28.45	122.20	76.86	56.81	1.49	4.29E-02	-0.37	6.89E-01	0.24	9.07E-01	EGA2-1
ENSMMUG00000046071			0.11	5.36	3.39	3.34	5.20	8.63E-03	-0.87	7.33E-01	-0.99	8.43E-01	EGA2-1
ENSMMUG00000029375			8.05	42.38	45.28	49.65	2.81	5.00E-06	0.05	9.60E-01	-0.24	9.00E-01	EGA2-1
ENSMMUG00000010862	PRPF39	Pre-mRNA Processing Factor 39	2.06	13.68	6.12	15.27	2.24	4.64E-03	-1.09	2.15E-01	1.52	1.92E-01	EGA2-1
ENSMMUG00000017625			151.15	551.92	611.61	502.08	2.07	5.47E-17	0.07	8.68E-01	-0.40	3.89E-01	EGA2-1
ENSMMUG00000008286	RPL36AL	Ribosomal Protein L36a Like	26.24	161.33	208.68	209.50	2.56	3.47E-05	0.57	4.64E-01	0.07	9.77E-01	EGA2-1
ENSMMUG00000014648			2.19	10.40	12.42	12.04	2.78	4.53E-06	-0.09	9.28E-01	0.07	9.74E-01	EGA2-1
ENSMMUG00000014670	PYGL	Glycogen Phosphorylase L	0.05	1.40	1.69	0.55	5.09	1.51E-03	-2.10	2.29E-01	3.62	9.89E-02	EGA2-1
ENSMMUG00000038066	STYX	Serine/threonine/tyrosine Interacting Protein	0.76	9.29	18.91	17.36	3.60	8.41E-09	1.03	1.61E-01	-0.32	8.53E-01	EGA2-1
ENSMMUG00000000304	SOCS4	Suppressor Of Cytokine Signaling 4	1.34	9.08	9.71	8.69	2.95	5.52E-05	0.11	9.24E-01	0.49	7.89E-01	EGA2-1
ENSMMUG00000044678	LOC100427696	40S Ribosomal Protein S27-like	4.84	22.35	40.91	36.63	2.05	7.30E-04	0.87	2.00E-01	-0.09	9.67E-01	EGA2-1
ENSMMUG00000029341			30.07	59.02	31.30	21.53	1.14	2.65E-02	-0.97	6.47E-02	-0.44	6.81E-01	EGA2-1

ENSMMUG00000029338	LOC702514	40S Ribosomal Protein S4, X Isoform-like	39.36	145.48	252.87	159.39	2.02	2.91E-08	0.79	5.22E-02	-0.77	1.80E-01	EGA2-1
ENSMMUG00000007369			1.53	13.85	24.82	24.35	3.23	9.75E-06	0.54	5.75E-01	-0.03	9.93E-01	EGA2-1
ENSMMUG00000001640			0.04	2.09	1.07	0.50	5.63	2.21E-05	-1.04	5.29E-01	-1.83	4.28E-01	EGA2-1
ENSMMUG00000000201			199.27	662.22	544.47	340.85	1.84	3.64E-09	-0.64	7.16E-02	-0.25	7.40E-01	EGA2-1
ENSMMUG00000042066	AKAP5	A-kinase Anchoring Protein 5	0.15	0.41	1.21	0.66	3.56	1.03E-02	0.27	8.92E-01	0.16	9.74E-01	EGA2-1
ENSMMUG00000004748	ZBTB1	Zinc Finger And BTB Domain Containing 1	0.42	1.47	3.95	1.56	1.74	1.25E-02	0.33	7.18E-01	0.03	9.92E-01	EGA2-1
ENSMMUG000000041003			7.63	32.67	77.58	38.55	2.10	4.31E-05	0.97	8.60E-02	-0.27	8.46E-01	EGA2-1
ENSMMUG00000043108	LOC100428346	Peptidyl-prolyl Cis-trans Isomerase A Pseudogene	25.46	148.20	233.95	251.26	2.61	5.81E-05	0.79	3.08E-01	0.66	6.25E-01	EGA2-1
ENSMMUG000000039433			0.07	2.57	4.72	6.94	4.02	3.06E-02	1.42	4.52E-01	2.93	2.31E-01	EGA2-1
ENSMMUG000000021571	ERH	ERH, MRNA Splicing And Mitosis Factor	41.20	124.68	92.62	50.40	1.59	5.40E-03	-0.52	4.41E-01	-0.74	4.57E-01	EGA2-1
ENSMMUG000000021572	SLC39A9	Solute Carrier Family 39 Member 9	1.74	8.37	10.42	11.61	2.06	2.69E-03	0.74	3.58E-01	-0.17	9.40E-01	EGA2-1
ENSMMUG000000044306			0.00	0.32	0.63	0.66	5.72	1.47E-02	0.77	7.94E-01	0.53	9.40E-01	EGA2-1
ENSMMUG000000029297	LOC713632	Disintegrin And Metalloproteinase Domain-containing Protein 20-like	0.01	0.38	0.87	0.55	6.26	9.15E-03	0.69	8.24E-01	-0.01	9.99E-01	EGA2-1
ENSMMUG000000042743	LOC100424690	Peptidyl-prolyl Cis-trans Isomerase A Pseudogene	16.99	85.53	151.50	152.27	2.50	8.63E-05	0.91	2.20E-01	0.68	5.99E-01	EGA2-1
ENSMMUG000000005140			0.20	24.35	23.33	3.87	7.27	2.40E-19	-0.82	4.37E-01	-2.24	5.77E-02	EGA2-1
ENSMMUG000000002332	RBM25	RNA Binding Motif Protein 25	47.78	192.79	288.75	109.05	1.96	6.98E-05	0.62	2.92E-01	-1.17	1.00E-01	EGA2-1
ENSMMUG000000006239			205.46	581.61	477.77	287.61	1.41	1.59E-05	-0.51	1.72E-01	-0.33	6.26E-01	EGA2-1
ENSMMUG000000008887	FCF1	FCF1, RRNA-processing Protein	15.23	40.75	35.09	14.51	1.92	8.61E-04	-0.64	3.46E-01	-0.71	5.08E-01	EGA2-1
ENSMMUG000000017665	FLVCR2	Feline Leukemia Virus Subgroup C Cellular Receptor Family Member 2	0.07	3.77	0.09	0.18	4.39	2.55E-03	-2.89	6.52E-02	0.95	8.07E-01	EGA2-1
ENSMMUG000000029259			3.89	10.49	30.67	18.28	1.73	8.09E-03	1.27	5.99E-02	-0.89	4.26E-01	EGA2-1
ENSMMUG000000022122	GTF2A1	General Transcription Factor IIA Subunit 1	4.46	16.25	13.52	16.47	1.81	4.27E-06	-0.09	8.85E-01	0.19	8.67E-01	EGA2-1
ENSMMUG000000014945	PPP4R3A	Protein Phosphatase 4 Regulatory Subunit 3A	7.25	32.45	36.97	29.96	2.09	2.21E-06	0.57	2.83E-01	-0.48	6.05E-01	EGA2-1
ENSMMUG000000020751	ATXN3	Ataxin 3	9.53	21.50	11.82	7.50	1.60	3.93E-02	-1.47	5.82E-02	-0.02	9.93E-01	EGA2-1
ENSMMUG000000044581	MOAP1	Modulator Of Apoptosis 1	0.64	3.25	2.27	1.27	2.67	1.02E-02	-0.42	7.70E-01	-1.25	5.02E-01	EGA2-1
ENSMMUG000000012397			31.66	122.01	73.98	55.87	1.47	4.58E-02	-0.42	6.40E-01	0.13	9.60E-01	EGA2-1
ENSMMUG000000009738	SLC25A29	Solute Carrier Family 25 Member 29	0.38	2.43	5.45	9.30	2.68	2.75E-02	1.44	2.78E-01	0.81	7.63E-01	EGA2-1
ENSMMUG000000003483	CINP	Cyclin Dependent Kinase 2 Interacting Protein	1.49	13.39	37.02	10.78	3.66	7.48E-05	1.28	2.33E-01	-2.11	1.17E-01	EGA2-1
ENSMMUG000000005630	EIF5	Eukaryotic Translation Initiation Factor 5	24.28	72.21	102.50	64.96	1.27	2.63E-02	0.73	2.41E-01	-0.71	4.63E-01	EGA2-1
ENSMMUG000000007673	TRMT61A	TRNA Methyltransferase 61A	0.04	1.48	0.98	1.51	7.62	3.03E-04	-3.52	1.08E-01	3.14	3.84E-01	EGA2-1
ENSMMUG000000004915			11.55	67.80	80.57	109.48	2.01	2.10E-03	0.46	5.72E-01	0.87	4.51E-01	EGA2-1
ENSMMUG000000022663	SLC25A6	Solute Carrier Family 25 Member 6	14.57	41.65	40.44	64.64	1.39	8.66E-03	-0.18	8.11E-01	0.33	7.93E-01	EGA2-1
ENSMMUG000000008306	PRKX	Protein Kinase, X-linked	1.99	5.56	5.87	4.15	2.61	1.17E-02	-0.17	9.10E-01	0.12	9.74E-01	EGA2-1
ENSMMUG000000045189			0.03	4.67	0.53	0.14	6.19	1.74E-03	-1.53	5.09E-01	-2.86	4.03E-01	EGA2-1
ENSMMUG000000009370			0.02	2.03	16.44	11.90	6.97	6.80E-07	2.37	7.56E-02	1.49	5.40E-01	EGA2-1
ENSMMUG000000022618	RAB9A	RAB9A, Member RAS Oncogene Family	0.08	0.95	3.78	4.39	3.81	6.76E-03	2.56	7.46E-02	-0.79	8.13E-01	EGA2-1
ENSMMUG000000017839	FANCB	Fanconi Anemia Complementation Group B	0.76	6.63	4.55	1.66	2.94	2.04E-03	-1.77	8.16E-02	0.23	9.44E-01	EGA2-1
ENSMMUG000000014052	CA5B	Carbonic Anhydrase 5B	0.38	6.89	9.80	5.49	3.31	3.82E-03	0.90	5.20E-01	-1.25	5.62E-01	EGA2-1
ENSMMUG000000010157			45.55	212.08	251.62	265.30	2.58	1.15E-06	0.07	9.38E-01	-0.21	8.95E-01	EGA2-1
ENSMMUG000000010727	LOC694887	Prothymosin Alpha-like	180.52	1478.03	904.95	635.90	2.65	2.74E-07	-0.49	4.59E-01	-0.32	8.13E-01	EGA2-1

ENSMMUG0000000193	EIF1AX	Eukaryotic Translation Initiation Factor 1A, X-linked	16.66	97.75	127.35	60.36	2.51	2.71E-05	0.07	9.47E-01	-0.57	6.61E-01	EGA2-1
ENSMMUG00000012379			27.67	69.94	107.45	119.10	1.14	2.28E-02	0.82	1.17E-01	-0.23	8.54E-01	EGA2-1
ENSMMUG00000021366	PRDX4	Peroxiredoxin 4	2.56	7.87	20.31	8.07	1.93	4.67E-02	1.36	1.81E-01	-0.80	6.81E-01	EGA2-1
ENSMMUG00000006979	EIF2S3	Eukaryotic Translation Initiation Factor 2 Subunit Gamma	3.27	33.41	73.08	73.91	3.62	3.05E-09	0.78	3.01E-01	0.07	9.76E-01	EGA2-1
ENSMMUG00000032498	LOC701053	Coiled-coil-helix-coiled-coil-helix Domain-containing Protein 2	176.02	479.43	275.66	142.76	1.46	3.95E-03	-0.87	1.05E-01	-0.82	3.12E-01	EGA2-1
ENSMMUG00000016657	LOC701718	Putative SMEK Homolog 3	0.01	0.36	1.15	0.30	5.63	8.42E-03	0.37	9.01E-01	-2.60	4.63E-01	EGA2-1
ENSMMUG00000012771	LOC703594	Melanoma-associated Antigen B2	0.03	16.82	11.57	0.90	8.48	2.21E-11	-0.49	7.89E-01	-2.50	2.09E-01	EGA2-1
ENSMMUG00000012774	MAGEB1	MAGE Family Member B1	0.01	17.02	11.67	1.80	10.52	1.37E-16	0.09	9.64E-01	-2.79	1.24E-01	EGA2-1
ENSMMUG00000041294	LOC696657	Peptidyl-prolyl Cis-trans Isomerase D Pseudogene	6.79	25.94	26.27	17.94	1.67	1.55E-03	-0.30	6.75E-01	0.51	6.37E-01	EGA2-1
ENSMMUG00000005292	BCOR	BCL6 Corepressor	0.21	24.24	26.57	10.98	7.17	3.10E-23	0.18	8.84E-01	-1.08	4.43E-01	EGA2-1
ENSMMUG00000001017			0.56	15.06	5.83	4.68	4.65	1.41E-09	-1.34	1.31E-01	-0.78	6.41E-01	EGA2-1
ENSMMUG00000002859	LOC708074	60S Ribosomal Protein L29-like	12.49	62.88	96.27	68.43	2.57	3.55E-05	0.65	3.94E-01	-1.06	3.01E-01	EGA2-1
ENSMMUG00000003505	FUNDC1	FUN14 Domain Containing 1	0.82	44.35	23.68	22.84	5.57	7.56E-10	-0.68	5.78E-01	0.30	9.16E-01	EGA2-1
ENSMMUG00000032470	LOC703919	60S Ribosomal Protein L36a-like	10.51	67.49	89.04	90.70	2.61	2.79E-04	0.64	4.74E-01	-0.04	9.88E-01	EGA2-1
ENSMMUG00000023018	RP2	RP2, ARL3 GTPase Activating Protein	0.87	4.78	6.04	3.39	1.97	1.85E-02	0.91	3.33E-01	-0.39	8.53E-01	EGA2-1
ENSMMUG00000017423	RBM10	RNA Binding Motif Protein 10	0.84	9.41	8.05	5.70	3.51	1.04E-08	-0.46	5.84E-01	0.21	9.12E-01	EGA2-1
ENSMMUG00000017428	UBA1	Ubiquitin Like Modifier Activating Enzyme 1	8.87	37.18	44.12	34.25	2.16	1.03E-05	0.26	7.07E-01	-0.32	8.03E-01	EGA2-1
ENSMMUG00000008566	ZNF157	Zinc Finger Protein 157	0.09	3.18	1.40	0.82	5.07	5.29E-06	0.10	9.57E-01	-0.95	7.10E-01	EGA2-1
ENSMMUG00000010404	ZNF41	Zinc Finger Protein 41	0.66	3.62	6.24	5.54	2.79	1.93E-03	1.05	3.16E-01	-0.35	8.91E-01	EGA2-1
ENSMMUG00000005347			0.01	5.45	0.72	0.03	8.42	4.91E-04	-4.03	1.08E-01	-2.67	5.79E-01	EGA2-1
ENSMMUG00000014463	LOC709684	Protein SSX4-like	0.03	18.02	9.04	1.72	9.59	3.63E-12	-1.38	3.86E-01	-2.53	2.33E-01	EGA2-1
ENSMMUG00000008046	LOC709597	Protein SSX3	0.00	2.39	1.03	0.09	8.02	1.03E-05	-1.77	3.75E-01	-3.53	1.90E-01	EGA2-1
ENSMMUG00000018894	FTSJ1	FtsJ RNA Methyltransferase Homolog 1	1.28	7.32	4.61	3.20	2.92	5.77E-04	-1.13	2.48E-01	0.95	5.65E-01	EGA2-1
ENSMMUG00000018349			2.83	20.61	41.99	42.51	3.25	2.48E-03	-0.11	9.51E-01	1.12	5.95E-01	EGA2-1
ENSMMUG00000004439			5.56	50.87	100.77	99.48	3.28	3.24E-04	0.82	4.65E-01	0.12	9.73E-01	EGA2-1
ENSMMUG00000004548	PQBP1	Polyglutamine Binding Protein 1	5.78	84.56	24.13	20.24	3.93	3.22E-04	-1.75	1.52E-01	-0.40	9.02E-01	EGA2-1
ENSMMUG00000041376			0.61	32.95	7.95	1.10	6.02	4.00E-04	-2.11	2.77E-01	-2.43	4.23E-01	EGA2-1
ENSMMUG00000002333	LOC693330	G Antigen 10	0.17	39.40	31.46	4.17	7.78	1.02E-08	-0.02	9.93E-01	-1.87	4.65E-01	EGA2-1
ENSMMUG00000007939			37.13	165.26	195.26	198.35	2.45	4.31E-06	0.16	8.45E-01	-0.30	8.33E-01	EGA2-1
ENSMMUG00000040204	FAM156B	Family With Sequence Similarity 156 Member B	0.52	2.75	3.74	3.71	3.35	9.65E-04	-0.10	9.52E-01	0.92	6.65E-01	EGA2-1
ENSMMUG00000009293	SMC1A	Structural Maintenance Of Chromosomes 1A	26.82	61.00	75.05	61.39	1.19	3.28E-02	0.23	7.50E-01	0.10	9.61E-01	EGA2-1
ENSMMUG00000008760	FAM120C	Family With Sequence Similarity 120C	0.38	3.38	2.41	1.78	2.50	2.35E-02	0.00	1.00E+00	-0.05	9.91E-01	EGA2-1
ENSMMUG00000012613	FGD1	FYVE, RhoGEF And PH Domain Containing 1	0.18	3.07	7.06	6.67	3.12	4.23E-02	2.73	7.43E-02	1.05	7.53E-01	EGA2-1
ENSMMUG00000008231	GNL3L	G Protein Nucleolar 3 Like	0.75	12.10	8.99	10.53	4.37	1.14E-05	-0.76	5.61E-01	1.40	4.40E-01	EGA2-1
ENSMMUG00000042087	UBQLN2	Ubiquilin 2	0.89	6.37	4.39	4.86	3.63	9.58E-04	-0.77	5.84E-01	-1.01	6.61E-01	EGA2-1
ENSMMUG00000048576			4.50	16.78	18.04	12.54	1.71	4.41E-03	-0.29	7.21E-01	0.63	5.86E-01	EGA2-1
ENSMMUG00000004309	AMER1	APC Membrane Recruitment Protein 1	0.07	4.26	2.50	0.63	7.48	6.43E-11	-1.65	2.29E-01	-1.43	5.29E-01	EGA2-1
ENSMMUG00000003922	LAS1L	LAS1 Like, Ribosome Biogenesis Factor	4.75	17.31	18.17	9.16	1.63	3.90E-02	-0.07	9.53E-01	-0.23	9.20E-01	EGA2-1
ENSMMUG00000041401			0.18	1.26	3.87	6.12	3.46	6.18E-04	1.33	2.33E-01	0.84	6.95E-01	EGA2-1

ENSMMUG00000047336	PJA1	Praja Ring Finger Ubiquitin Ligase 1	0.23	5.84	2.06	1.78	5.39	2.63E-04	-2.66	9.93E-02	2.08	4.31E-01	EGA2-1
ENSMMUG00000031987			5.10	24.00	30.75	19.47	2.23	6.03E-04	0.66	3.97E-01	-0.51	7.33E-01	EGA2-1
ENSMMUG00000003049	TEX11	Testis Expressed 11	0.02	2.53	0.36	0.43	7.87	1.46E-07	-2.16	1.85E-01	0.33	9.50E-01	EGA2-1
ENSMMUG00000003274	SLC7A3	Solute Carrier Family 7 Member 3	0.02	8.28	7.17	28.28	5.55	7.45E-05	1.17	4.63E-01	0.34	9.37E-01	EGA2-1
ENSMMUG00000020479	ITGB1BP2	Integrin Subunit Beta 1 Binding Protein 2	0.01	1.56	2.08	0.39	5.83	7.19E-03	2.60	2.50E-01	-3.64	2.33E-01	EGA2-1
ENSMMUG00000012956	PIN4	Peptidylprolyl Cis/trans Isomerase, NIMA-interacting 4	15.72	79.23	81.25	41.60	2.46	1.50E-02	-0.07	9.62E-01	-0.26	9.34E-01	EGA2-1
ENSMMUG00000003295	RPS4X	Ribosomal Protein S4, X-linked	63.82	244.60	411.60	256.70	2.10	9.55E-09	0.73	7.86E-02	-0.75	2.00E-01	EGA2-1
ENSMMUG00000045943			0.68	2.87	3.01	0.67	3.69	2.20E-02	-0.48	8.27E-01	-0.64	8.87E-01	EGA2-1
ENSMMUG00000041066			1.62	14.92	13.45	7.42	3.40	2.92E-05	-0.43	7.06E-01	-0.99	5.30E-01	EGA2-1
ENSMMUG00000031446			4.95	14.36	21.42	35.59	1.38	1.19E-02	0.94	1.01E-01	0.38	7.62E-01	EGA2-1
ENSMMUG00000041102			0.01	1.01	1.72	1.92	6.16	1.25E-02	-1.00	7.47E-01	2.62	5.36E-01	EGA2-1
ENSMMUG00000039999			0.11	16.83	25.67	10.75	7.03	9.07E-10	0.81	5.84E-01	-1.26	5.77E-01	EGA2-1
ENSMMUG00000007887			98.89	265.00	261.65	253.62	1.48	5.31E-06	-0.03	9.49E-01	-0.23	7.80E-01	EGA2-1
ENSMMUG00000016776	CHM	CHM, Rab Escort Protein 1	0.73	4.22	5.30	6.09	3.04	1.72E-07	-0.18	8.41E-01	1.29	1.48E-01	EGA2-1
ENSMMUG00000038230			0.79	11.14	5.91	5.72	4.38	3.58E-08	-1.65	6.49E-02	0.52	8.03E-01	EGA2-1
ENSMMUG00000019594	LOC698056	DDB1- And CUL4-associated Factor 13	19.95	54.08	36.93	13.97	1.24	6.01E-03	-0.56	2.67E-01	-1.08	7.62E-02	EGA2-1
ENSMMUG00000014259			5.43	16.27	39.32	20.82	1.67	1.80E-02	0.88	2.54E-01	-0.24	9.04E-01	EGA2-1
ENSMMUG00000016254			16.19	92.50	74.16	41.50	2.50	6.73E-06	-0.38	6.08E-01	-0.64	5.61E-01	EGA2-1
ENSMMUG00000045262			1.27	22.60	9.96	10.49	4.50	2.11E-10	-1.39	8.67E-02	0.23	9.18E-01	EGA2-1
ENSMMUG00000029479			0.68	7.64	11.53	17.83	3.15	6.50E-03	1.01	4.62E-01	-0.37	9.12E-01	EGA2-1
ENSMMUG00000011078	PCDH19	Protocadherin 19	0.03	1.15	0.56	0.06	6.05	6.29E-04	-3.40	7.25E-02	-2.58	3.94E-01	EGA2-1
ENSMMUG00000014829			0.81	6.62	2.87	1.05	3.08	7.34E-03	-1.44	2.65E-01	-0.83	7.60E-01	EGA2-1
ENSMMUG00000019573	TIMM8A	Translocase Of Inner Mitochondrial Membrane 8A	0.11	2.47	4.17	1.97	4.28	4.16E-05	0.72	6.04E-01	-0.91	6.96E-01	EGA2-1
ENSMMUG00000019580	HNRNP2	Heterogeneous Nuclear Ribonucleoprotein H2	23.44	59.35	95.58	68.11	1.41	1.48E-03	0.65	1.88E-01	-0.27	8.03E-01	EGA2-1
ENSMMUG00000032387	RPL10L	Ribosomal Protein L10 Like	44.71	273.74	208.02	142.02	2.70	3.20E-07	-0.54	4.19E-01	-0.24	8.79E-01	EGA2-1
ENSMMUG00000044358	BEX2	Brain Expressed X-linked 2	0.26	2.03	0.83	0.85	3.15	2.68E-02	-2.24	1.30E-01	0.36	9.36E-01	EGA2-1
ENSMMUG00000010501	TCEAL9	Transcription Elongation Factor A Like 9	2.17	37.51	17.06	17.95	3.96	5.38E-04	-1.79	1.60E-01	0.54	8.60E-01	EGA2-1
ENSMMUG00000043071			0.64	23.94	1.79	3.67	5.14	1.11E-02	-0.79	7.70E-01	-2.25	5.45E-01	EGA2-1
ENSMMUG00000032370			6.66	70.82	69.97	76.85	3.63	9.11E-05	-0.05	9.74E-01	-0.03	9.94E-01	EGA2-1
ENSMMUG00000006377	PLS3	Plastin 3	2.07	9.55	6.41	5.40	2.34	3.65E-02	-0.16	9.21E-01	-0.77	7.55E-01	EGA2-1
ENSMMUG00000019534	LOC711281	Cancer/testis Antigen 47B like	0.11	6.13	4.51	0.07	3.69	4.46E-02	-3.63	6.43E-02	-2.60	4.44E-01	EGA2-1
ENSMMUG00000022670	NKRF	NFKB Repressing Factor	0.26	7.85	14.02	8.05	5.14	1.04E-14	0.88	2.86E-01	-0.94	4.68E-01	EGA2-1
ENSMMUG00000020222	UPF3B	UPF3B, Regulator Of Nonsense Mediated MRNA Decay	5.46	32.05	33.85	17.70	2.71	1.65E-05	-0.41	6.32E-01	0.36	8.26E-01	EGA2-1
ENSMMUG00000032359	NDUFA1	NADH:ubiquinone Oxidoreductase Subunit A1	7.96	59.70	71.22	64.61	2.99	4.75E-03	0.79	5.46E-01	-0.69	7.85E-01	EGA2-1
ENSMMUG00000040516			0.05	5.86	6.17	0.12	11.14	3.06E-07	-3.00	2.14E-01	-3.22	3.93E-01	EGA2-1
ENSMMUG00000039784			2.45	8.11	16.70	21.46	1.42	4.72E-03	0.72	1.91E-01	0.46	6.55E-01	EGA2-1
ENSMMUG00000043585	STAG2	Stromal Antigen 2	0.59	10.05	19.52	16.72	4.39	8.09E-07	0.53	6.71E-01	0.81	6.87E-01	EGA2-1
ENSMMUG00000008038			23.43	69.64	59.64	43.01	1.57	9.00E-10	-0.46	1.27E-01	-0.23	7.01E-01	EGA2-1
ENSMMUG00000045878	TEX13C	TEX13 Family Member C	0.01	0.79	0.59	0.48	5.47	2.14E-04	-1.62	3.33E-01	3.07	1.50E-01	EGA2-1
ENSMMUG00000020699	ZDHHC9	Zinc Finger DHHC-type Containing 9	2.06	10.11	25.01	22.51	2.07	2.35E-02	0.99	3.31E-01	-0.29	9.10E-01	EGA2-1
ENSMMUG00000008785	ELF4	E74 Like ETS Transcription Factor 4	0.72	4.63	10.32	8.69	3.34	5.11E-04	0.53	6.88E-01	0.66	7.76E-01	EGA2-1
ENSMMUG00000032340	LOC708995	60S Ribosomal Protein L23a Pseudogene	133.43	564.98	470.79	402.58	2.10	4.88E-09	-0.19	7.21E-01	-0.23	8.05E-01	EGA2-1

ENSMMUG00000017881	INTS6L	Integrator Complex Subunit 6 Like	0.07	2.87	11.45	4.80	6.12	9.02E-10	1.65	1.54E-01	-0.88	7.01E-01	EGA2-1
ENSMMUG00000021984	LOC710158	Cancer/testis Antigen Family 45 Member A10-like	0.10	1.34	1.10	0.25	4.43	4.87E-02	-2.30	3.52E-01	-0.81	8.93E-01	EGA2-1
ENSMMUG00000040370			5.90	32.40	34.07	37.01	2.34	1.28E-03	0.45	6.36E-01	-0.96	4.61E-01	EGA2-1
ENSMMUG00000032331			0.15	1.30	2.01	1.44	3.17	5.38E-06	0.89	2.76E-01	-0.73	6.18E-01	EGA2-1
ENSMMUG00000039269			0.68	4.44	5.54	3.12	1.95	2.62E-04	-0.12	8.82E-01	0.47	6.92E-01	EGA2-1
ENSMMUG00000041712			8.41	23.72	34.58	32.56	1.69	1.06E-03	0.17	8.16E-01	-0.20	8.95E-01	EGA2-1
ENSMMUG00000039691	FMR1NB	FMR1 Neighbor	0.03	10.97	3.08	3.50	7.73	1.73E-08	-1.06	5.31E-01	1.12	7.21E-01	EGA2-1
ENSMMUG00000040274	MAGEA4	MAGE Family Member A4	0.06	37.82	13.99	5.78	10.19	3.82E-16	-1.89	1.80E-01	-0.64	8.51E-01	EGA2-1
ENSMMUG00000012826			1.30	10.77	13.35	8.44	3.21	1.76E-04	-0.60	5.92E-01	-0.39	8.67E-01	EGA2-1
ENSMMUG00000041475	DNASE1L1	Deoxyribonuclease 1 Like 1	1.92	15.23	13.85	10.12	3.11	1.23E-09	-0.49	4.60E-01	0.08	9.70E-01	EGA2-1
ENSMMUG00000045112	LOC701606	Cancer/testis Antigen 1	0.09	4.92	0.65	0.36	6.18	7.48E-04	-3.47	6.87E-02	-1.25	7.82E-01	EGA2-1
ENSMMUG00000031311			0.30	6.07	6.73	8.79	4.47	4.26E-04	0.20	9.20E-01	-0.05	9.93E-01	EGA2-1
ENSMMUG00000046403	NIP7	NIP7, Nucleolar Pre-rRNA Processing Protein	0.42	15.20	9.44	2.72	6.69	8.64E-10	-1.24	3.46E-01	-1.12	6.25E-01	EGA2-1
ENSMMUG00000021991	CCAR2	Cell Cycle And Apoptosis Regulator 2	2.47	10.24	4.74	4.42	2.48	1.75E-02	-1.34	2.40E-01	0.01	9.99E-01	EGA2-1
ENSMMUG00000003348	NEFL	Neurofilament Light	1.62	18.13	10.92	10.06	2.72	1.35E-03	0.23	8.52E-01	-0.97	5.43E-01	EGA2-1
ENSMMUG00000032525	LOC711841	Small Nuclear Ribonucleoprotein Sm D2 Pseudogene	4.22	34.98	35.77	40.94	3.00	2.23E-03	0.11	9.44E-01	-0.34	9.07E-01	EGA2-1
ENSMMUG00000042420	PNMA2	PNMA Family Member 2	0.01	1.66	0.16	0.31	7.96	1.12E-03	-2.53	3.64E-01	-0.96	8.87E-01	EGA2-1
ENSMMUG00000007833			15.88	31.41	41.10	46.69	1.03	1.83E-02	0.48	3.24E-01	0.02	9.88E-01	EGA2-1
ENSMMUG00000018860			1.99	41.82	51.99	32.52	4.74	4.33E-09	0.29	8.15E-01	-0.43	8.46E-01	EGA2-1
ENSMMUG00000010457			305.64	1557.40	1453.19	983.96	1.91	2.94E-03	0.20	8.35E-01	-0.76	5.24E-01	EGA2-1
ENSMMUG00000010244	MAK16	MAK16 Homolog	4.96	38.13	47.47	22.89	2.70	4.40E-04	0.07	9.53E-01	-0.13	9.64E-01	EGA2-1
ENSMMUG00000001635	ZNF703	Zinc Finger Protein 703	0.16	3.94	10.65	39.92	6.41	5.38E-10	0.28	8.53E-01	2.49	8.40E-02	EGA2-1
ENSMMUG00000000943	ERLIN2	ER Lipid Raft Associated 2	0.26	1.77	0.75	1.57	2.89	3.72E-02	-2.08	1.52E-01	1.23	6.54E-01	EGA2-1
ENSMMUG00000038480	EIF4EBP1	Eukaryotic Translation Initiation Factor 4E Binding Protein 1	0.25	3.27	4.53	2.62	3.61	1.18E-03	0.83	5.51E-01	-1.05	6.49E-01	EGA2-1
ENSMMUG00000013775	BAG4	BCL2 Associated Athanogene 4	1.20	8.58	11.63	4.36	2.68	6.10E-04	0.04	9.73E-01	-0.18	9.49E-01	EGA2-1
ENSMMUG00000015989	LOC702760	40S Ribosomal Protein S26-like	200.71	1018.51	919.12	635.37	1.96	3.18E-03	0.10	9.26E-01	-0.72	5.74E-01	EGA2-1
ENSMMUG00000020186	SLC20A2	Solute Carrier Family 20 Member 2	0.10	0.64	0.55	0.96	3.01	2.86E-02	0.62	7.29E-01	0.29	9.50E-01	EGA2-1
ENSMMUG00000004089			199.11	692.80	729.50	711.02	2.09	8.58E-17	-0.12	7.44E-01	-0.44	3.33E-01	EGA2-1
ENSMMUG00000016022	TCEA1	Transcription Elongation Factor A1	2.32	15.22	28.55	23.84	2.66	1.28E-05	0.91	1.99E-01	-0.05	9.82E-01	EGA2-1
ENSMMUG00000005478	TGS1	Trimethylguanosine Synthase 1	2.16	45.30	75.35	34.73	3.95	3.86E-09	1.13	1.49E-01	-1.23	2.72E-01	EGA2-1
ENSMMUG00000046761			0.21	2.24	0.89	2.74	2.82	2.06E-02	-1.19	3.94E-01	1.69	3.96E-01	EGA2-1
ENSMMUG00000010354	LOC698256	Prothymosin Alpha-like	58.55	478.52	308.36	200.29	2.79	1.32E-06	-0.50	5.09E-01	-0.54	6.79E-01	EGA2-1
ENSMMUG00000008777	ASPH	Aspartate Beta-hydroxylase	6.05	11.44	14.90	15.62	1.27	3.28E-02	0.44	5.34E-01	-0.52	6.61E-01	EGA2-1
ENSMMUG00000039310			0.00	0.57	0.42	0.61	8.08	8.63E-03	-5.47	7.92E-02	0.96	9.12E-01	EGA2-1
ENSMMUG00000012361			0.26	5.17	3.73	3.53	4.20	2.15E-03	-0.70	6.72E-01	-0.18	9.69E-01	EGA2-1
ENSMMUG00000043699			0.05	2.67	6.01	1.18	5.43	3.67E-02	2.77	3.11E-01	-3.99	3.10E-01	EGA2-1
ENSMMUG00000002626	ZFAND1	Zinc Finger AN1-type Containing 1	0.31	12.98	7.28	7.33	5.83	1.25E-05	-1.80	2.48E-01	0.17	9.74E-01	EGA2-1
ENSMMUG00000006380	E2F5	E2F Transcription Factor 5	0.35	2.00	2.31	1.06	2.99	1.51E-02	-2.21	8.26E-02	1.76	3.82E-01	EGA2-1
ENSMMUG00000006381	C8H8orf59	Chromosome 8 Open Reading Frame, Human C8orf59	5.48	54.33	80.21	51.90	3.06	3.97E-05	0.65	4.88E-01	-0.19	9.45E-01	EGA2-1
ENSMMUG00000013396	LRR69	Leucine Rich Repeat Containing 69	1.47	7.14	3.33	2.94	1.97	1.60E-02	-1.09	2.21E-01	0.42	8.37E-01	EGA2-1
ENSMMUG00000042915			0.09	24.74	65.95	31.73	7.58	1.62E-10	1.99	9.31E-02	-0.79	7.68E-01	EGA2-1
ENSMMUG00000020073	RPL30	Ribosomal Protein L30	49.69	187.62	271.83	246.19	1.99	3.54E-09	0.62	1.08E-01	-0.05	9.69E-01	EGA2-1
ENSMMUG00000018815	KLF10	Kruppel Like Factor 10	0.57	9.29	13.70	6.09	3.90	1.78E-08	0.58	5.29E-01	-1.09	3.82E-01	EGA2-1
ENSMMUG0000001338	AZIN1	Antizyme Inhibitor 1	18.26	32.63	20.12	33.27	1.00	7.60E-03	-0.66	9.50E-02	0.59	3.18E-01	EGA2-1

ENSMMUG00000023352			625.48	1690.46	1566.48	926.74	1.30	6.20E-05	-0.20	6.45E-01	-0.46	4.31E-01	EGA2-1
ENSMMUG00000020283	EIF3H	Eukaryotic Translation Initiation Factor 3 Subunit H	17.72	56.80	47.90	43.04	1.75	2.79E-05	-0.42	4.19E-01	0.06	9.72E-01	EGA2-1
ENSMMUG00000020284	UTP23	UTP23, Small Subunit Processome Component	3.95	29.33	11.50	8.41	2.64	3.02E-03	-0.93	3.78E-01	0.21	9.46E-01	EGA2-1
ENSMMUG00000014786	LOC704510	60S Ribosomal Protein L29-like	8.35	42.86	61.89	51.93	2.40	2.26E-03	-0.02	9.87E-01	-0.60	7.33E-01	EGA2-1
ENSMMUG00000039387			0.02	0.78	0.51	0.17	4.79	1.08E-02	-1.31	5.46E-01	-0.11	9.87E-01	EGA2-1
ENSMMUG00000019646	FAM91A1	Family With Sequence Similarity 91 Member A1	1.50	8.77	6.83	11.48	2.63	1.08E-04	-0.03	9.78E-01	0.41	8.12E-01	EGA2-1
ENSMMUG00000003538	WASHC5	WASH Complex Subunit 5	0.68	4.04	4.23	12.98	2.67	6.13E-03	0.07	9.64E-01	1.40	3.91E-01	EGA2-1
ENSMMUG00000003542	NSMCE2	NSE2/MMS21 Homolog, SMC5-SMC6 Complex SUMO Ligase	3.03	17.32	6.56	6.19	2.79	6.23E-05	-1.41	6.35E-02	0.69	6.44E-01	EGA2-1
ENSMMUG00000022452	JRK	Jrk Helix-turn-helix Protein	0.08	1.91	1.05	0.89	4.28	8.62E-04	-0.96	5.52E-01	1.45	5.58E-01	EGA2-1
ENSMMUG00000042316			0.08	6.97	9.02	11.11	7.08	1.65E-05	0.41	8.55E-01	0.96	8.03E-01	EGA2-1
ENSMMUG00000016714	ZNF623	Zinc Finger Protein 623	0.68	4.36	8.43	5.69	3.22	3.75E-03	0.39	8.04E-01	-0.26	9.47E-01	EGA2-1
ENSMMUG00000013558	PUF60	Poly(U) Binding Splicing Factor 60	5.10	14.53	13.29	9.10	1.92	6.01E-03	-0.08	9.44E-01	-0.93	4.46E-01	EGA2-1
ENSMMUG00000007149	CYC1	Cytochrome C-1	1.53	6.39	17.61	23.85	2.79	2.74E-03	1.33	1.95E-01	0.61	7.82E-01	EGA2-1
ENSMMUG00000014724	BOP1	Block Of Proliferation 1	1.03	7.33	9.81	6.51	2.51	8.04E-03	-0.05	9.73E-01	-0.54	8.13E-01	EGA2-1
ENSMMUG00000007376	ADCK5	AarF Domain Containing Kinase 5	0.10	0.43	3.57	4.13	2.64	3.64E-02	2.00	1.08E-01	1.50	4.68E-01	EGA2-1
ENSMMUG00000013379	RPL8	Ribosomal Protein L8	8.53	53.50	62.39	53.61	2.72	2.58E-14	0.13	8.11E-01	-0.37	6.41E-01	EGA2-1
ENSMMUG00000011550	ZNF7	Zinc Finger Protein 7	0.62	2.06	5.32	3.76	2.32	1.79E-02	1.16	2.85E-01	-1.09	5.36E-01	EGA2-1
ENSMMUG00000016084	LOC705607	UPF0488 Protein C8orf33	2.63	19.95	22.46	9.87	3.34	2.92E-04	0.24	8.65E-01	-0.26	9.31E-01	EGA2-1
ENSMMUG00000007411	ITFG2	Integrin Alpha FG-GAP Repeat Containing 2	0.53	3.45	7.17	6.59	2.99	5.73E-03	1.18	3.41E-01	0.52	8.52E-01	EGA2-1
ENSMMUG00000019385	FOXM1	Forkhead Box M1	1.29	6.10	3.91	10.17	2.37	1.36E-02	-0.51	6.80E-01	1.77	2.09E-01	EGA2-1
ENSMMUG00000011299	TEAD4	TEA Domain Transcription Factor 4	3.74	13.16	24.51	24.55	1.96	2.62E-02	0.85	3.97E-01	0.13	9.67E-01	EGA2-1
ENSMMUG00000046996	LOC710558	40S Ribosomal Protein S15 Pseudogene	1.78	7.46	16.32	10.07	1.91	1.62E-02	0.61	5.18E-01	0.28	9.01E-01	EGA2-1
ENSMMUG00000020213	LTBR	Lymphotoxin Beta Receptor	0.16	0.62	1.38	1.21	2.56	1.85E-02	0.41	7.79E-01	1.05	6.17E-01	EGA2-1
ENSMMUG00000018676	MRPL51	Mitochondrial Ribosomal Protein L51	12.07	132.41	102.82	69.94	3.20	4.48E-06	0.01	9.96E-01	-0.56	7.32E-01	EGA2-1
ENSMMUG00000018679	GAPDH	Glyceraldehyde-3-phosphate Dehydrogenase	40.74	122.84	210.32	369.86	1.90	4.30E-02	0.37	7.68E-01	0.19	9.51E-01	EGA2-1
ENSMMUG00000009583	COPS7A	COP9 Signalosome Subunit 7A	3.75	13.94	11.40	11.78	1.73	2.06E-02	-0.37	7.04E-01	-0.22	9.17E-01	EGA2-1
ENSMMUG00000010207	EMG1	EMG1, N1-specific Pseudouridine Methyltransferase	0.92	29.02	35.96	20.02	4.95	3.08E-14	0.52	5.56E-01	-0.95	4.43E-01	EGA2-1
ENSMMUG00000032159			0.07	18.60	5.91	2.05	5.99	5.79E-05	-2.85	7.57E-02	-2.59	2.88E-01	EGA2-1
ENSMMUG00000032158	NANOG	Nanog Homeobox	1.14	14.41	31.55	47.22	3.13	4.16E-03	1.57	1.88E-01	-0.46	8.76E-01	EGA2-1
ENSMMUG00000000439	LOC715795	Solute Carrier Family 2, Facilitated Glucose Transporter Member 3	1.35	51.37	58.32	42.99	5.15	5.08E-27	0.52	4.17E-01	-0.68	4.73E-01	EGA2-1
ENSMMUG000000046124	SLC2A3	Solute Carrier Family 2 (facilitated Glucose Transporter), Member 3	0.66	224.91	257.79	183.61	8.21	2.72E-67	0.50	4.34E-01	-0.67	4.95E-01	EGA2-1
ENSMMUG000000002191	OLR1	Oxidized Low Density Lipoprotein Receptor 1	0.00	0.42	7.04	4.37	7.12	4.35E-04	3.72	6.08E-02	-1.04	8.28E-01	EGA2-1
ENSMMUG000000002359	MGST1	Microsomal Glutathione S-transferase 1	0.15	1.15	0.82	1.32	4.25	3.53E-02	-0.40	8.88E-01	1.55	7.17E-01	EGA2-1
ENSMMUG000000022174	PIK3C2G	Phosphatidylinositol-4-phosphate 3-kinase Catalytic Subunit Type 2 Gamma	0.10	0.48	1.53	0.84	3.28	7.92E-03	0.45	7.93E-01	0.86	7.59E-01	EGA2-1



ENSMMUG00000016243	AEBP2	AE Binding Protein 2	0.74	6.52	7.23	9.59	3.30	4.31E-06	-0.26	8.07E-01	1.08	4.01E-01	EGA2-1
ENSMMUG00000010857	RECQL	RecQ Like Helicase	1.97	7.58	18.49	9.17	2.58	6.97E-03	0.67	5.72E-01	-0.37	8.91E-01	EGA2-1
ENSMMUG00000038348			43.61	187.09	315.51	189.41	2.35	2.03E-11	0.67	1.00E-01	-0.65	2.75E-01	EGA2-1
ENSMMUG00000006466	INTS13	Integrator Complex Subunit 13	1.72	5.82	16.36	11.55	1.83	1.53E-02	1.35	8.30E-02	-0.10	9.72E-01	EGA2-1
ENSMMUG00000011806			23.16	88.04	132.49	84.53	1.82	1.65E-04	0.55	3.42E-01	-0.39	7.26E-01	EGA2-1
ENSMMUG00000009155			35.49	187.12	158.01	146.25	2.34	3.63E-08	-0.30	6.13E-01	0.06	9.69E-01	EGA2-1
ENSMMUG00000011452	LOC698527	39S Ribosomal Protein L14, Mitochondrial	3.76	44.12	38.48	16.54	4.68	5.28E-06	-0.75	5.80E-01	-0.53	8.51E-01	EGA2-1
ENSMMUG00000041539			111.09	595.75	451.74	340.26	2.30	6.42E-10	-0.62	1.61E-01	-0.27	7.72E-01	EGA2-1
ENSMMUG00000040338			7.82	65.18	105.40	72.83	3.02	1.79E-06	0.78	3.11E-01	-0.18	9.32E-01	EGA2-1
ENSMMUG00000018935	LOC705621	40S Ribosomal Protein S10 Pseudogene	1.19	5.99	7.39	5.08	2.63	2.58E-04	0.08	9.47E-01	-0.27	8.99E-01	EGA2-1
ENSMMUG00000032012	LOC708147	40S Ribosomal Protein S25 Pseudogene	103.21	281.70	324.47	231.19	1.24	4.64E-03	0.22	7.06E-01	-0.36	6.99E-01	EGA2-1
ENSMMUG00000044706	TUBA1B	Tubulin, Alpha 1b	249.32	563.01	314.49	261.41	1.02	8.18E-03	-0.65	1.09E-01	-0.26	7.71E-01	EGA2-1
ENSMMUG00000032216			4.84	56.83	73.83	73.87	3.93	2.98E-17	0.38	5.57E-01	-0.20	8.92E-01	EGA2-1
ENSMMUG00000016471	CERS5	Ceramide Synthase 5	0.78	21.36	13.50	5.82	4.68	2.02E-09	-1.38	1.28E-01	-0.26	9.17E-01	EGA2-1
ENSMMUG00000045923			2.36	15.88	27.42	15.89	2.46	7.63E-04	1.01	2.26E-01	-0.71	6.36E-01	EGA2-1
ENSMMUG00000046801	DENR	Density Regulated Re-initiation And Release Factor	0.24	7.54	9.95	11.41	4.76	2.28E-10	0.64	5.26E-01	0.33	8.82E-01	EGA2-1
ENSMMUG00000004412	RSRC2	Arginine And Serine Rich Coiled-coil 2	11.54	30.97	24.70	18.55	1.15	3.04E-03	-0.16	7.58E-01	-0.40	5.94E-01	EGA2-1
ENSMMUG00000005245	ITGB7	Integrin Subunit Beta 7	0.02	9.79	6.90	2.21	9.00	7.11E-15	-0.38	8.26E-01	-1.99	3.04E-01	EGA2-1
ENSMMUG00000022017	RARG	Retinoic Acid Receptor Gamma	0.01	1.15	0.30	0.05	6.69	3.61E-07	-0.69	6.97E-01	-2.98	1.31E-01	EGA2-1
ENSMMUG00000020036	SP1	Sp1 Transcription Factor	9.99	50.35	28.20	19.40	2.10	5.48E-04	-0.94	1.69E-01	-0.77	4.96E-01	EGA2-1
ENSMMUG00000017738	PRR13	Proline Rich 13	2.84	21.49	32.69	25.48	3.17	6.73E-06	0.83	3.37E-01	0.19	9.37E-01	EGA2-1
ENSMMUG00000006608	PCBP2	Poly(rC) Binding Protein 2	50.84	145.53	112.97	67.47	1.64	1.23E-04	-0.58	2.46E-01	-0.94	1.34E-01	EGA2-1
ENSMMUG00000006613	MAP3K12	Mitogen-activated Protein Kinase Kinase Kinase 12	0.80	4.57	7.41	1.64	2.93	5.48E-03	0.26	8.68E-01	-1.63	3.38E-01	EGA2-1
ENSMMUG00000031884			0.50	4.70	5.19	8.18	3.23	9.26E-03	0.00	9.99E-01	0.99	7.09E-01	EGA2-1
ENSMMUG00000011642	SMUG1	Single-strand-selective Monofunctional Uracil-DNA Glycosylase 1	0.26	2.89	1.16	6.04	3.30	3.80E-03	-0.88	5.29E-01	2.59	1.01E-01	EGA2-1
ENSMMUG00000012989	HNRNPA1	Heterogeneous Nuclear Ribonucleoprotein A1	113.48	336.05	341.52	345.86	1.62	6.26E-08	0.08	8.59E-01	-0.23	7.57E-01	EGA2-1
ENSMMUG00000012992	NFE2	Nuclear Factor, Erythroid 2	0.03	3.43	3.21	1.22	6.54	7.31E-08	-0.09	9.63E-01	-1.58	4.93E-01	EGA2-1
ENSMMUG00000005182	COPZ1	Coatomer Protein Complex Subunit Zeta 1	0.84	7.17	6.02	4.54	2.83	1.75E-03	-0.10	9.44E-01	-0.41	8.66E-01	EGA2-1
ENSMMUG00000020758	LOC699166	40S Ribosomal Protein S26-like	33.48	140.34	137.95	101.17	1.80	1.45E-05	0.22	7.11E-01	-0.56	4.69E-01	EGA2-1
ENSMMUG00000031840	RPL41	Ribosomal Protein L41	136.90	657.20	884.78	912.97	2.19	1.37E-07	0.71	1.39E-01	-0.24	8.32E-01	EGA2-1
ENSMMUG00000003073	NACA	Nascent Polypeptide-associated Complex Alpha Subunit	4.45	17.92	30.58	29.95	2.17	5.15E-09	0.78	6.40E-02	-0.13	9.14E-01	EGA2-1
ENSMMUG00000031818	LOC715411	Nucleolar Protein 56-like	2.56	49.43	55.54	31.42	4.13	5.25E-13	0.26	7.62E-01	-0.58	6.53E-01	EGA2-1
ENSMMUG00000023694	CDK4	Cyclin Dependent Kinase 4	2.69	32.34	55.27	31.93	3.55	1.47E-05	-0.26	8.36E-01	0.55	7.89E-01	EGA2-1
ENSMMUG00000007928			91.71	242.79	248.63	231.91	1.48	4.78E-06	0.02	9.69E-01	-0.22	7.85E-01	EGA2-1
ENSMMUG00000000955	USP15	Ubiquitin Specific Peptidase 15	5.12	10.28	12.66	9.12	0.90	3.91E-02	0.27	6.07E-01	-0.15	9.00E-01	EGA2-1
ENSMMUG00000020533	C11H12orf56	Chromosome 11 Open Reading Frame, Human C12orf56	0.06	1.31	1.55	2.57	5.25	1.20E-05	-0.99	5.04E-01	0.64	8.32E-01	EGA2-1
ENSMMUG00000011650	DYRK2	Dual Specificity Tyrosine Phosphorylation Regulated Kinase 2	0.41	1.89	3.88	7.10	2.37	9.46E-04	1.32	8.60E-02	0.23	9.12E-01	EGA2-1
ENSMMUG00000002921	CPSF6	Cleavage And Polyadenylation Specific Factor 6	4.46	14.68	13.65	17.28	1.49	3.88E-03	0.31	6.40E-01	0.21	8.81E-01	EGA2-1

ENSMMUG0000003556			0.04	9.88	6.24	2.49	7.67	3.05E-07	-0.82	6.54E-01	0.78	8.28E-01	EGA2-1
ENSMMUG00000011229	LOC693516	60S Ribosomal Protein L35 Pseudogene	2.95	28.34	49.65	48.50	3.63	6.41E-09	1.25	7.00E-02	-0.39	8.08E-01	EGA2-1
ENSMMUG00000018252			47.85	120.94	133.40	120.68	1.18	3.84E-03	0.13	8.29E-01	-0.13	9.12E-01	EGA2-1
ENSMMUG00000018254	ZDHHC17	Zinc Finger DHHC-type Containing 17	0.28	5.64	3.23	4.34	3.46	2.35E-03	0.17	9.24E-01	-0.18	9.66E-01	EGA2-1
ENSMMUG00000017463			708.96	1886.46	1774.61	#####	1.30	8.95E-05	-0.10	8.36E-01	-0.55	3.24E-01	EGA2-1
ENSMMUG00000002513			1.80	27.44	32.98	13.79	3.33	2.04E-03	-0.01	9.95E-01	-0.83	7.31E-01	EGA2-1
ENSMMUG00000007536			109.17	245.56	289.57	227.49	1.17	2.34E-03	0.18	7.38E-01	-0.46	5.19E-01	EGA2-1
ENSMMUG00000037648	RBM3	RNA Binding Motif Protein 3	2.45	26.99	41.71	39.43	3.59	1.42E-04	0.33	8.14E-01	0.28	9.24E-01	EGA2-1
ENSMMUG00000015864	TMTC3	Transmembrane And Tetratricopeptide Repeat Containing 3	1.42	9.79	14.04	13.42	2.82	1.23E-03	0.57	6.14E-01	0.11	9.74E-01	EGA2-1
ENSMMUG00000037667			91.51	177.27	299.21	215.22	0.94	1.91E-02	0.76	6.12E-02	-0.56	3.91E-01	EGA2-1
ENSMMUG00000007810			53.45	241.24	176.54	151.06	2.22	6.08E-08	-0.37	4.95E-01	-0.24	8.28E-01	EGA2-1
ENSMMUG00000002244	EEA1	Early Endosome Antigen 1	1.62	6.72	3.69	10.14	2.32	6.92E-04	-1.27	8.43E-02	1.75	6.03E-02	EGA2-1
ENSMMUG00000044583	LOC107000976	NADH Dehydrogenase [ubiquinone] 1 Beta Subcomplex Subunit 11, Mitochondrial-like	8.92	33.63	41.26	23.25	1.59	3.30E-02	0.46	6.12E-01	-0.74	5.98E-01	EGA2-1
ENSMMUG00000013813	METAP2	Methionyl Aminopeptidase 2	133.77	311.37	183.49	85.17	1.27	7.60E-03	-0.87	8.32E-02	-0.70	3.68E-01	EGA2-1
ENSMMUG00000022404	APAF1	Apoptotic Peptidase Activating Factor 1	0.48	3.20	4.23	4.81	2.67	9.57E-06	1.07	1.15E-01	-0.37	8.12E-01	EGA2-1
ENSMMUG00000031613	LOC700786	Heterogeneous Nuclear Ribonucleoprotein A1-like	64.51	181.09	180.20	171.92	1.55	2.85E-07	0.01	9.89E-01	-0.25	7.32E-01	EGA2-1
ENSMMUG00000012891	UTP20	UTP20, Small Subunit Processome Component	3.73	14.07	17.02	13.73	1.63	1.57E-02	0.73	3.38E-01	-0.39	8.07E-01	EGA2-1
ENSMMUG00000012562	GNPTAB	N-acetylglucosamine-1-phosphate Transferase Alpha And Beta Subunits	3.04	17.16	43.41	17.43	2.38	9.21E-05	1.27	5.40E-02	-0.90	4.03E-01	EGA2-1
ENSMMUG00000019832			27.90	56.67	82.35	55.60	1.21	2.66E-03	0.23	6.60E-01	-0.27	7.76E-01	EGA2-1
ENSMMUG00000012091	TXNRD1	Thioredoxin Reductase 1	3.23	25.10	41.39	32.17	3.94	4.22E-08	0.91	3.05E-01	-0.86	5.54E-01	EGA2-1
ENSMMUG00000003711	TCP11L2	T-complex 11 Like 2	0.32	1.21	1.92	1.17	2.16	3.69E-02	0.32	8.22E-01	-0.36	9.00E-01	EGA2-1
ENSMMUG00000006492	ARPC3	Actin Related Protein 2/3 Complex Subunit 3	25.91	58.83	93.86	89.40	1.31	1.36E-02	0.88	1.14E-01	-0.20	8.93E-01	EGA2-1
ENSMMUG00000031551			12.14	47.59	56.29	30.18	2.10	3.87E-02	0.17	9.06E-01	-0.17	9.64E-01	EGA2-1
ENSMMUG00000033649			0.02	5.51	1.16	2.80	5.98	1.29E-02	-0.81	7.93E-01	1.86	6.96E-01	EGA2-1
ENSMMUG00000042632			0.18	0.47	0.40	0.31	4.58	1.33E-02	-2.49	2.11E-01	2.04	5.60E-01	EGA2-1
ENSMMUG00000013917	NAA25	N(alpha)-acetyltransferase 25, NatB Auxiliary Subunit	1.09	8.90	10.00	11.18	2.57	4.00E-03	0.31	8.08E-01	1.18	4.47E-01	EGA2-1
ENSMMUG00000007433	RPL6	Ribosomal Protein L6	17.40	73.67	124.27	130.30	2.07	2.95E-07	0.74	1.07E-01	0.11	9.38E-01	EGA2-1
ENSMMUG00000013253	PTPN11	Protein Tyrosine Phosphatase, Non-receptor Type 11	2.28	9.12	14.15	18.28	1.89	2.22E-02	0.08	9.49E-01	0.68	6.91E-01	EGA2-1
ENSMMUG00000021795	DDX54	DEAD-box Helicase 54	1.56	5.98	5.94	6.21	1.62	4.87E-03	0.02	9.84E-01	0.36	7.97E-01	EGA2-1
ENSMMUG00000001129	RITA1	RBPJ Interacting And Tubulin Associated 1	1.45	6.67	3.01	1.56	2.10	3.21E-02	-0.97	3.81E-01	-1.04	5.58E-01	EGA2-1
ENSMMUG00000021980	LOC716888	Ribosomal Protein L15-like	48.24	138.67	210.55	198.67	1.63	5.50E-07	0.41	3.05E-01	-0.24	7.62E-01	EGA2-1
ENSMMUG00000009157	RPLP0	Ribosomal Protein Lateral Stalk Subunit P0	35.03	145.79	150.37	242.48	1.91	2.16E-04	0.15	8.48E-01	0.11	9.53E-01	EGA2-1
ENSMMUG00000046684	SIRT4	Sirtuin 4	0.55	6.08	2.35	1.36	3.08	1.20E-03	-1.56	1.37E-01	-0.08	9.84E-01	EGA2-1
ENSMMUG00000046665	GATC	Glutamyl-tRNA Amidotransferase Subunit C	7.94	32.93	34.16	21.19	1.82	7.10E-03	0.62	4.42E-01	-0.82	4.97E-01	EGA2-1
ENSMMUG00000011496	SBNO1	Strawberry Notch Homolog 1	15.16	73.12	44.88	27.92	1.95	1.96E-06	-0.49	3.30E-01	-0.23	8.33E-01	EGA2-1
ENSMMUG00000013178	DDX55	DEAD-box Helicase 55	4.35	17.80	12.59	4.71	2.12	2.33E-04	-0.50	4.89E-01	-0.88	3.72E-01	EGA2-1
ENSMMUG00000004592	GTF2H3	General Transcription Factor IIH Subunit 3	1.95	6.01	2.58	5.40	1.67	4.65E-02	-0.87	3.46E-01	1.78	1.11E-01	EGA2-1

ENSMMUG00000017901			1.01	21.06	7.69	8.36	4.67	5.10E-08	-1.54	1.18E-01	0.35	8.93E-01	EGA2-1
ENSMMUG00000017902	DHX37	DEAH-box Helicase 37	1.15	9.23	3.26	3.02	2.65	1.88E-03	-1.74	5.21E-02	0.34	8.87E-01	EGA2-1
ENSMMUG00000020927	RAN	RAN, Member RAS Oncogene Family	15.83	71.67	97.50	103.03	1.83	2.91E-03	0.72	3.12E-01	0.13	9.51E-01	EGA2-1
ENSMMUG00000009789	ZNF10	Zinc Finger Protein 10	2.97	8.55	8.01	4.67	1.54	6.53E-03	-0.32	6.66E-01	-0.20	9.01E-01	EGA2-1
ENSMMUG00000001457	ZNF605	Zinc Finger Protein 605	1.41	3.86	6.96	7.84	1.45	1.68E-02	1.16	5.90E-02	0.03	9.91E-01	EGA2-1
ENSMMUG000000043819			0.04	1.14	1.60	1.11	5.62	8.01E-03	-0.11	9.71E-01	0.67	9.05E-01	EGA2-1
ENSMMUG000000005282			0.18	6.21	1.26	3.38	4.19	7.36E-03	-0.85	6.68E-01	1.06	7.58E-01	EGA2-1
ENSMMUG000000010813	GTPBP4	GTP Binding Protein 4	0.46	35.62	26.42	17.37	6.11	1.74E-13	-0.27	8.35E-01	0.51	8.19E-01	EGA2-1
ENSMMUG000000006944	GATA3	GATA Binding Protein 3	0.01	2.15	11.54	27.83	7.32	1.02E-06	1.24	4.60E-01	1.60	5.42E-01	EGA2-1
ENSMMUG000000008241	UPF2	UPF2, Regulator Of Nonsense Mediated MRNA Decay	16.53	32.77	31.48	16.25	1.19	3.22E-03	-0.28	5.90E-01	-0.70	2.65E-01	EGA2-1
ENSMMUG000000021233	SEPHS1	Selenophosphate Synthetase 1	0.61	10.75	15.36	18.87	4.23	1.53E-05	0.66	6.14E-01	0.06	9.87E-01	EGA2-1
ENSMMUG000000007680	NMT2	N-myristoyltransferase 2	2.52	13.27	12.41	9.35	2.28	2.28E-02	-0.48	7.13E-01	-0.24	9.40E-01	EGA2-1
ENSMMUG000000015286	FAM171A1	Family With Sequence Similarity 171 Member A1	0.48	2.74	3.44	2.15	2.82	1.83E-03	-0.25	8.52E-01	-0.04	9.91E-01	EGA2-1
ENSMMUG000000001700	STAM	Signal Transducing Adaptor Molecule	1.49	29.27	22.89	23.81	4.47	4.00E-13	-0.38	6.64E-01	0.21	9.16E-01	EGA2-1
ENSMMUG000000007453	ARL5B	ADP Ribosylation Factor Like GTPase 5B	0.35	7.11	13.05	8.12	3.75	4.30E-04	1.53	2.02E-01	-0.05	9.89E-01	EGA2-1
ENSMMUG000000000881	BMI1	BMI1 Proto-oncogene, Polycomb Ring Finger	0.70	5.38	10.93	12.31	3.33	4.75E-04	1.14	3.09E-01	0.48	8.51E-01	EGA2-1
ENSMMUG000000010070			40.27	103.12	131.26	127.57	1.35	2.88E-04	0.54	2.10E-01	-0.15	8.94E-01	EGA2-1
ENSMMUG000000022948	LOC707383	Amyloid Beta A4 Precursor Protein-binding Family B Member 1-interacting Protein	0.01	1.14	1.21	2.04	4.64	2.75E-02	0.94	7.24E-01	2.89	3.84E-01	EGA2-1
ENSMMUG0000000045841			12.21	61.09	28.55	22.81	1.73	2.73E-02	-0.91	2.90E-01	0.47	8.00E-01	EGA2-1
ENSMMUG000000021559	JCAD	Junctional Cadherin 5 Associated	1.85	19.39	7.79	10.53	3.63	8.18E-05	-0.89	4.35E-01	0.92	6.37E-01	EGA2-1
ENSMMUG000000004930	MAP3K8	Mitogen-activated Protein Kinase Kinase Kinase 8	0.32	3.35	2.34	0.41	4.94	4.18E-05	-0.30	8.69E-01	-2.44	1.91E-01	EGA2-1
ENSMMUG000000002469	CUL2	Cullin 2	1.96	48.83	18.06	10.33	4.66	3.34E-09	-1.07	2.65E-01	-0.48	8.19E-01	EGA2-1
ENSMMUG0000000044393			2.51	6.76	7.92	9.79	1.53	3.84E-02	-0.03	9.79E-01	0.14	9.58E-01	EGA2-1
ENSMMUG000000020982	HNRNPF	Heterogeneous Nuclear Ribonucleoprotein F	42.84	71.59	61.82	57.47	0.90	9.32E-03	-0.19	6.79E-01	-0.11	9.17E-01	EGA2-1
ENSMMUG000000022436	ZNF485	Zinc Finger Protein 485	0.11	2.27	2.26	1.30	3.88	7.45E-05	0.10	9.52E-01	-0.50	8.51E-01	EGA2-1
ENSMMUG0000000043526			4.13	31.03	48.84	35.32	2.56	3.10E-05	0.98	1.60E-01	-0.29	8.63E-01	EGA2-1
ENSMMUG000000023637			1.30	14.49	9.70	4.73	3.51	1.04E-03	-1.20	3.41E-01	-0.13	9.74E-01	EGA2-1
ENSMMUG000000013439	FAM35A	Family With Sequence Similarity 35 Member A	0.23	3.30	4.66	3.23	3.36	1.15E-04	0.46	7.02E-01	-0.45	8.45E-01	EGA2-1
ENSMMUG0000000030571			61.90	289.65	349.09	394.59	2.22	6.27E-09	0.42	3.86E-01	-0.09	9.50E-01	EGA2-1
ENSMMUG000000004545			20.34	107.76	157.59	142.55	2.44	1.27E-04	0.27	7.67E-01	-0.65	6.25E-01	EGA2-1
ENSMMUG0000000048831			14.41	26.81	36.65	28.40	1.13	4.81E-02	0.04	9.63E-01	-0.20	9.00E-01	EGA2-1
ENSMMUG000000003015	TMEM254	Transmembrane Protein 254	2.81	8.31	6.71	7.02	1.38	1.11E-02	0.04	9.64E-01	0.59	5.60E-01	EGA2-1
ENSMMUG0000000030563	LOC702525	60S Ribosomal Protein L7a Pseudogene	10.39	33.48	23.77	27.85	1.84	1.62E-05	-0.65	1.88E-01	0.07	9.67E-01	EGA2-1
ENSMMUG000000008690	SAMD8	Sterile Alpha Motif Domain Containing 8	0.88	3.32	4.94	3.02	2.73	3.66E-02	0.49	7.79E-01	-1.09	6.79E-01	EGA2-1
ENSMMUG000000022976	NDST2	N-deacetylase And N-sulfotransferase 2	0.68	5.44	4.42	4.80	3.95	2.15E-06	-0.82	4.36E-01	0.12	9.70E-01	EGA2-1
ENSMMUG000000011276	NUDT13	Nudix Hydrolase 13	0.09	0.73	0.93	1.88	4.32	3.24E-04	0.61	6.91E-01	2.48	1.45E-01	EGA2-1
ENSMMUG0000000041960			6.45	38.05	43.39	41.72	2.62	3.42E-05	0.04	9.68E-01	0.39	8.09E-01	EGA2-1
ENSMMUG000000010431	DNAJB12	DnaJ Heat Shock Protein Family (Hsp40) Member B12	0.54	7.31	6.54	4.03	2.85	2.90E-02	-0.10	9.62E-01	-1.60	4.75E-01	EGA2-1
ENSMMUG000000006397	PPA1	Pyrophosphatase (inorganic) 1	0.68	11.43	23.08	14.47	4.31	4.88E-07	1.19	2.48E-01	0.56	8.03E-01	EGA2-1
ENSMMUG000000015302	HK1	Hexokinase 1	0.34	7.45	13.63	16.27	4.78	1.12E-09	1.52	8.78E-02	-0.42	8.46E-01	EGA2-1

ENSMMUG0000004101	VPS26A	VPS26, Retromer Complex Component A	2.44	25.80	28.20	21.12	2.63	1.08E-04	0.18	8.60E-01	0.37	8.38E-01	EGA2-1
ENSMMUG0000001005	DDX21	DExD-box Helicase 21	2.02	45.76	36.77	24.88	4.48	8.04E-12	-0.31	7.49E-01	-0.59	7.02E-01	EGA2-1
ENSMMUG00000016652	CCAR1	Cell Division Cycle And Apoptosis Regulator 1	31.73	79.19	54.97	39.68	1.18	3.96E-03	-0.34	4.89E-01	-0.25	7.99E-01	EGA2-1
ENSMMUG00000030531	SIRT1	Sirtuin 1	1.31	31.03	48.72	36.32	5.16	6.56E-20	0.59	4.31E-01	-0.42	7.76E-01	EGA2-1
ENSMMUG00000030465	LOC696151	60S Ribosomal Protein L6 Pseudogene	58.45	264.70	412.25	415.15	2.15	5.08E-07	0.68	1.73E-01	0.02	9.93E-01	EGA2-1
ENSMMUG00000008755	LOC696785	60S Ribosomal Protein L26	11.05	50.04	71.95	60.93	2.17	3.49E-07	0.66	1.88E-01	0.03	9.86E-01	EGA2-1
ENSMMUG00000017726	NRBF2	Nuclear Receptor Binding Factor 2	1.06	63.17	111.24	53.18	6.25	3.05E-24	0.98	1.94E-01	-1.23	2.36E-01	EGA2-1
ENSMMUG00000042150	MRLN	Myoregulin	0.03	12.88	3.70	4.09	9.57	2.46E-09	-2.52	1.08E-01	0.35	9.47E-01	EGA2-1
ENSMMUG00000019829	TFAM	Transcription Factor A, Mitochondrial	1.51	100.14	241.20	134.38	5.99	2.78E-11	0.66	5.95E-01	-0.09	9.81E-01	EGA2-1
ENSMMUG00000042906			0.11	2.36	1.73	2.04	5.63	3.17E-03	-1.64	4.50E-01	2.42	4.59E-01	EGA2-1
ENSMMUG00000048720			258.25	1063.51	945.44	861.69	2.06	1.13E-08	-0.08	8.90E-01	-0.23	8.11E-01	EGA2-1
ENSMMUG00000007475			78.20	219.79	209.34	138.36	1.63	7.06E-06	-0.49	2.57E-01	-0.03	9.84E-01	EGA2-1
ENSMMUG00000044322	FGFBP3	Fibroblast Growth Factor Binding Protein 3	0.03	1.74	0.16	0.41	8.40	6.55E-07	-3.25	6.73E-02	1.42	7.08E-01	EGA2-1
ENSMMUG00000017627	BTA1	B-TFIID TATA-box Binding Protein Associated Factor 1	0.70	13.12	8.95	9.27	4.17	1.82E-12	-0.13	8.91E-01	0.17	9.33E-01	EGA2-1
ENSMMUG00000038680			0.05	0.65	0.57	0.50	4.62	6.45E-03	-1.03	6.14E-01	-1.37	6.95E-01	EGA2-1
ENSMMUG00000015124	LOC699639	X-ray Repair Cross-complementing Protein 6-like	0.66	3.60	1.88	2.05	2.33	5.31E-04	-0.90	2.47E-01	-0.38	8.28E-01	EGA2-1
ENSMMUG00000040417			42.55	178.98	180.22	131.97	2.13	3.64E-05	0.19	8.08E-01	-0.80	3.72E-01	EGA2-1
ENSMMUG00000017255	HELLS	Helicase, Lymphoid Specific	8.41	18.32	19.22	20.95	1.37	5.40E-03	-0.49	3.93E-01	0.46	6.38E-01	EGA2-1
ENSMMUG00000019634	RRP12	Ribosomal RNA Processing 12 Homolog	1.44	8.96	8.34	4.90	2.24	1.77E-03	0.16	8.83E-01	-0.56	7.31E-01	EGA2-1
ENSMMUG00000020027	LOC694418	Phosphoglycerate Mutase 1 (brain)-like	3.73	30.53	54.07	83.01	2.65	3.30E-04	1.14	1.67E-01	0.19	9.38E-01	EGA2-1
ENSMMUG00000020029	ZDHHC16	Zinc Finger DHHC-type Containing 16	1.83	4.85	3.61	2.10	2.68	1.92E-02	-0.79	5.71E-01	-1.37	4.99E-01	EGA2-1
ENSMMUG00000010281	R3HCC1L	R3H Domain And Coiled-coil Containing 1 Like	0.54	8.97	4.61	4.65	4.04	5.48E-07	-0.28	8.18E-01	0.45	8.37E-01	EGA2-1
ENSMMUG00000023760	SLC25A28	Solute Carrier Family 25 Member 28	0.41	5.19	2.04	2.61	4.46	3.77E-05	-2.10	7.69E-02	0.04	9.92E-01	EGA2-1
ENSMMUG00000015519			0.53	2.82	4.69	3.95	2.39	7.37E-03	0.65	5.52E-01	-0.48	8.28E-01	EGA2-1
ENSMMUG00000040838			37.98	94.15	134.11	145.33	1.28	5.30E-03	0.56	2.81E-01	-0.21	8.62E-01	EGA2-1
ENSMMUG00000041804			10.39	60.99	101.53	90.08	2.63	1.35E-09	0.60	2.57E-01	0.19	8.83E-01	EGA2-1
ENSMMUG00000009374	HPS6	HPS6, Biogenesis Of Lysosomal Organelles Complex 2 Subunit 3	0.04	0.63	0.52	1.25	4.65	2.64E-02	-0.16	9.60E-01	-0.79	8.83E-01	EGA2-1
ENSMMUG00000001183	NOLC1	Nucleolar And Coiled-body Phosphoprotein 1	21.49	68.65	36.88	35.90	1.48	2.90E-04	-0.82	6.18E-02	-0.34	7.07E-01	EGA2-1
ENSMMUG00000017596	WBP1L	WW Domain Binding Protein 1 Like	0.97	3.25	4.27	3.73	1.92	4.82E-02	0.36	7.83E-01	-0.20	9.51E-01	EGA2-1
ENSMMUG00000003749	NT5C2	5'-nucleotidase, Cytosolic II	1.19	8.05	10.52	18.19	2.56	1.63E-03	0.66	5.16E-01	0.72	6.80E-01	EGA2-1
ENSMMUG00000007058	PDCD11	Programmed Cell Death 11	3.57	10.64	11.72	8.81	1.61	1.55E-02	0.19	8.43E-01	-0.23	9.04E-01	EGA2-1
ENSMMUG00000015338	ITPRIP	Inositol 1,4,5-trisphosphate Receptor Interacting Protein	0.04	0.44	0.21	0.61	5.78	2.07E-03	-1.38	5.32E-01	2.39	4.54E-01	EGA2-1
ENSMMUG00000048676			0.34	2.14	4.38	7.31	2.04	2.57E-02	1.34	1.59E-01	0.83	6.41E-01	EGA2-1
ENSMMUG00000007982	SMC3	Structural Maintenance Of Chromosomes 3	24.60	46.54	37.11	29.09	0.75	2.97E-02	-0.17	7.09E-01	-0.13	8.95E-01	EGA2-1
ENSMMUG00000041417			0.11	5.37	8.01	5.10	8.32	3.41E-05	1.02	6.79E-01	-1.08	8.19E-01	EGA2-1
ENSMMUG00000023480	IKZF5	IKAROS Family Zinc Finger 5	0.67	8.13	5.95	4.11	3.66	2.12E-06	-1.60	6.13E-02	0.52	7.91E-01	EGA2-1
ENSMMUG00000022032	CTBP2	C-terminal Binding Protein 2	1.18	8.23	8.39	5.01	2.76	1.18E-06	0.26	7.58E-01	-1.13	2.14E-01	EGA2-1

ENSMMUG00000044121	MKI67	Marker Of Proliferation Ki67	10.63	68.90	91.30	94.97	2.45	2.77E-05	0.49	5.18E-01	0.57	6.52E-01	EGA2-1
ENSMMUG00000011511	PSMD13	Proteasome 26S Subunit, Non-ATPase 13	3.79	20.98	13.16	18.32	2.25	9.00E-04	-0.63	4.46E-01	0.73	5.84E-01	EGA2-1
ENSMMUG00000020627	RPLP2	Ribosomal Protein Lateral Stalk Subunit P2	17.26	83.29	142.81	113.01	2.33	1.50E-06	0.46	4.54E-01	0.25	8.53E-01	EGA2-1
ENSMMUG00000043328	CD151	CD151 Molecule (Raph Blood Group)	0.63	3.30	2.76	4.45	2.96	1.27E-04	-0.88	3.43E-01	0.57	7.54E-01	EGA2-1
ENSMMUG00000013772	TSSC4	Tumor Suppressing Subtransferable Candidate 4	0.30	0.59	1.26	0.56	2.89	2.30E-02	1.21	3.97E-01	-2.12	2.59E-01	EGA2-1
ENSMMUG00000016213	PPP6R3	Protein Phosphatase 6 Regulatory Subunit 3	6.06	12.91	14.16	16.14	0.93	1.33E-02	0.16	7.61E-01	0.60	3.03E-01	EGA2-1
ENSMMUG00000047060			0.05	0.52	0.57	0.89	3.81	3.53E-02	-0.23	9.23E-01	1.31	7.07E-01	EGA2-1
ENSMMUG00000018526	NDUFV1	NADH:ubiquinone Oxidoreductase Core Subunit V1	0.70	3.40	3.09	6.41	2.62	2.83E-02	-1.53	2.36E-01	1.64	4.00E-01	EGA2-1
ENSMMUG00000005483	RPS6KB2	Ribosomal Protein S6 Kinase B2	0.55	11.30	11.37	6.28	4.51	5.94E-06	-0.33	8.28E-01	-0.77	7.45E-01	EGA2-1
ENSMMUG00000018731			5.92	61.26	117.85	65.05	3.28	3.59E-05	0.93	3.31E-01	-1.19	3.98E-01	EGA2-1
ENSMMUG00000019837			0.07	1.40	2.09	1.64	5.05	7.70E-03	-2.73	1.73E-01	2.51	4.50E-01	EGA2-1
ENSMMUG00000019839	KAT5	Lysine Acetyltransferase 5	0.74	5.58	5.31	3.35	3.16	1.53E-04	-0.38	7.48E-01	0.09	9.78E-01	EGA2-1
ENSMMUG00000044084	SSSCA1	Sjogren Syndrome/scleroderma Autoantigen 1	0.56	6.31	3.37	2.29	3.49	1.39E-03	-0.80	5.60E-01	-0.98	6.70E-01	EGA2-1
ENSMMUG00000019165	TIGD3	Tigger Transposable Element Derived 3	0.02	4.97	6.63	3.34	8.49	3.01E-07	-0.76	7.34E-01	-0.64	8.92E-01	EGA2-1
ENSMMUG00000018776	FAU	FAU, Ubiquitin Like And Ribosomal Protein S30 Fusion	6.50	168.78	110.26	117.12	4.42	7.70E-12	-0.64	4.47E-01	-0.03	9.92E-01	EGA2-1
ENSMMUG00000018775	ZNHIT2	Zinc Finger HIT-type Containing 2	0.58	3.10	1.83	1.93	3.14	3.80E-02	-1.29	4.59E-01	1.23	6.91E-01	EGA2-1
ENSMMUG00000003973	ATG2A	Autophagy Related 2A	1.06	17.35	33.50	11.45	3.49	3.43E-05	1.31	1.78E-01	-1.86	1.39E-01	EGA2-1
ENSMMUG00000037770	CATSPERZ	Catsper Channel Auxiliary Subunit Zeta	0.17	0.52	0.89	1.93	6.15	2.24E-03	1.09	6.35E-01	2.46	4.29E-01	EGA2-1
ENSMMUG00000020354	SLC3A2	Solute Carrier Family 3 Member 2	0.58	11.81	12.76	7.33	4.09	1.37E-09	0.28	7.80E-01	-0.64	6.78E-01	EGA2-1
ENSMMUG00000018779	WDR74	WD Repeat Domain 74	1.65	16.09	10.61	4.36	3.47	2.82E-04	-0.70	5.69E-01	-1.72	2.56E-01	EGA2-1
ENSMMUG00000042851			5.25	30.26	38.56	46.51	2.56	1.44E-04	0.45	6.07E-01	0.03	9.91E-01	EGA2-1
ENSMMUG00000013950	UQCC3	Ubiquinol-cytochrome C Reductase Complex Assembly Factor 3	0.34	12.50	7.74	9.99	4.96	2.13E-05	0.56	7.29E-01	-0.98	7.11E-01	EGA2-1
ENSMMUG00000046328	CSKMT	Citrate Synthase Lysine Methyltransferase	0.04	19.22	5.03	5.00	8.18	3.11E-11	-1.63	2.27E-01	-0.21	9.64E-01	EGA2-1
ENSMMUG00000013949	C14H11orf98	Chromosome 14 C11orf98 Homolog	2.88	68.71	64.11	38.07	4.25	3.16E-07	0.29	8.17E-01	-0.13	9.69E-01	EGA2-1
ENSMMUG00000018117	GANAB	Glucosidase II Alpha Subunit	3.33	15.66	20.84	21.91	2.04	2.71E-04	0.71	2.79E-01	-0.34	8.09E-01	EGA2-1
ENSMMUG00000018110	MTA2	Metastasis Associated 1 Family Member 2	7.50	51.67	19.26	24.00	2.97	7.97E-05	-1.39	9.36E-02	0.63	7.13E-01	EGA2-1
ENSMMUG00000020911			2.24	9.79	9.60	15.42	2.10	4.20E-03	-0.46	6.26E-01	0.09	9.73E-01	EGA2-1
ENSMMUG00000015280	CPSF7	Cleavage And Polyadenylation Specific Factor 7	1.15	9.88	18.37	12.54	2.89	2.49E-05	1.23	1.08E-01	-0.52	7.51E-01	EGA2-1
ENSMMUG00000042208			0.46	3.13	6.73	5.52	3.87	4.57E-04	0.93	4.76E-01	1.47	4.46E-01	EGA2-1
ENSMMUG00000038007	CLP1	Cleavage And Polyadenylation Factor I Subunit 1	0.30	5.08	3.94	2.11	4.16	1.95E-06	-0.14	9.21E-01	-1.03	5.54E-01	EGA2-1
ENSMMUG00000018443			14.05	58.83	109.61	59.65	2.25	6.32E-08	0.76	1.11E-01	-0.88	1.78E-01	EGA2-1
ENSMMUG00000017810	SSRP1	Structure Specific Recognition Protein 1	8.89	35.38	34.97	24.14	1.90	2.24E-04	0.22	7.64E-01	-0.94	2.45E-01	EGA2-1
ENSMMUG00000017809	TNKS1BP1	Tankyrase 1 Binding Protein 1	0.15	3.58	1.07	1.79	4.13	1.37E-06	-1.21	2.34E-01	0.56	7.99E-01	EGA2-1
ENSMMUG00000005864	LOC712404	Prothymosin Alpha-like	75.82	652.35	381.93	273.97	2.73	4.79E-07	-0.50	4.79E-01	-0.40	7.64E-01	EGA2-1

ENSMMUG0000004286	PTPMT1	Protein Tyrosine Phosphatase, Mitochondrial 1	2.46	11.62	21.68	12.20	2.70	2.61E-02	-0.34	8.42E-01	0.54	8.62E-01	EGA2-1
ENSMMUG00000015611	PSMC3	Proteasome 26S Subunit, ATPase3	3.31	37.04	51.02	39.28	3.21	1.19E-04	0.55	6.21E-01	0.13	9.69E-01	EGA2-1
ENSMMUG00000043299			11.26	44.96	63.06	70.80	2.26	4.47E-03	0.67	4.82E-01	-0.22	9.31E-01	EGA2-1
ENSMMUG00000019672	ATG13	Autophagy Related 13	3.95	22.66	6.77	12.25	2.74	4.92E-03	-1.86	6.77E-02	0.32	9.11E-01	EGA2-1
ENSMMUG00000042106			16.07	46.55	46.67	38.52	1.45	9.25E-03	0.10	9.05E-01	0.10	9.61E-01	EGA2-1
ENSMMUG00000019988	HIPK3	Homeodomain Interacting Protein Kinase 3	2.35	13.14	13.96	10.94	2.60	2.96E-07	-0.40	5.57E-01	0.36	7.79E-01	EGA2-1
ENSMMUG00000042442			4.55	33.19	35.00	37.37	2.68	3.65E-03	-0.98	3.65E-01	1.46	3.30E-01	EGA2-1
ENSMMUG00000019329	SPTY2D1	SPT2 Chromatin Protein Domain Containing 1	1.71	17.91	11.89	7.81	3.04	1.55E-11	-0.43	4.74E-01	-0.52	5.83E-01	EGA2-1
ENSMMUG00000031024	LDHA	Lactate Dehydrogenase A	12.48	139.60	198.84	160.61	3.47	2.28E-06	0.72	4.43E-01	-0.48	7.97E-01	EGA2-1
ENSMMUG00000016443	LOC701246	Cytochrome C-like	16.54	53.20	93.67	54.17	1.31	4.46E-02	1.15	7.97E-02	-0.67	5.69E-01	EGA2-1
ENSMMUG00000011438	CTR9	CTR9 Homolog, Paf1/RNA Polymerase II Complex Component	3.99	16.07	17.58	12.32	1.55	1.74E-03	0.68	2.21E-01	-0.89	2.47E-01	EGA2-1
ENSMMUG00000008759	WEE1	WEE1 G2 Checkpoint Kinase	0.20	1.36	2.77	8.57	3.08	4.54E-03	1.04	4.11E-01	1.41	4.50E-01	EGA2-1
ENSMMUG00000021828	LOC698197	60S Ribosomal Protein L27a-like	18.56	194.86	262.60	284.93	3.72	8.22E-20	0.56	2.82E-01	-0.06	9.69E-01	EGA2-1
ENSMMUG00000015010	EIF3F	Eukaryotic Translation Initiation Factor 3 Subunit F	33.37	76.15	68.10	67.01	1.40	1.17E-02	-0.44	5.12E-01	0.07	9.71E-01	EGA2-1
ENSMMUG00000017420			281.67	986.81	975.71	963.34	2.15	1.64E-14	-0.28	4.49E-01	-0.32	6.00E-01	EGA2-1
ENSMMUG00000043656			317.77	1167.28	982.81	818.76	2.05	2.50E-14	-0.42	2.03E-01	-0.37	4.85E-01	EGA2-1
ENSMMUG00000007732	TIMM10B	Translocase Of Inner Mitochondrial Membrane 10B	0.93	16.43	15.61	12.05	3.85	3.58E-04	0.62	6.68E-01	-1.21	5.62E-01	EGA2-1
ENSMMUG00000007731	ARFIP2	ADP Ribosylation Factor Interacting Protein 2	0.62	3.27	2.42	3.35	2.11	2.02E-02	0.30	8.14E-01	-0.88	6.14E-01	EGA2-1
ENSMMUG00000003962	RRM1	Ribonucleotide Reductase Catalytic Subunit M1	8.84	68.61	51.74	30.27	2.62	7.15E-05	0.03	9.79E-01	-0.92	4.40E-01	EGA2-1
ENSMMUG00000031809	LOC100430401	Heterogeneous Nuclear Ribonucleoprotein A1-like	69.28	207.06	260.46	212.01	1.71	1.94E-06	0.38	4.06E-01	-0.34	6.77E-01	EGA2-1
ENSMMUG00000037753	LOC100423378	Peptidyl-prolyl Cis-trans Isomerase A Pseudogene	37.41	212.88	362.97	385.42	2.67	3.13E-05	0.93	2.10E-01	0.72	5.75E-01	EGA2-1
ENSMMUG00000014680	MRPL48	Mitochondrial Ribosomal Protein L48	0.31	1.20	2.15	2.87	2.65	1.72E-02	-0.08	9.64E-01	0.48	8.67E-01	EGA2-1
ENSMMUG00000044011			4.77	22.22	29.36	28.13	2.43	2.70E-02	-0.14	9.31E-01	-0.21	9.58E-01	EGA2-1
ENSMMUG00000017529	ARRB1	Arrestin Beta 1	0.47	3.43	2.96	10.39	3.39	4.95E-03	-1.03	4.79E-01	2.58	1.29E-01	EGA2-1
ENSMMUG00000009019	RPS3	Ribosomal Protein S3	71.07	217.53	372.73	402.89	1.77	9.87E-05	0.67	2.05E-01	0.25	8.34E-01	EGA2-1
ENSMMUG00000038487	SINHCAF	SIN3-HDAC Complex Associated Factor	13.84	67.47	72.18	59.30	1.98	9.97E-04	0.43	5.74E-01	-0.33	8.32E-01	EGA2-1
ENSMMUG00000010119	AAMDC	Adipogenesis Associated Mth938 Domain Containing	1.39	26.17	11.50	4.15	5.44	3.52E-08	-1.49	2.02E-01	-1.26	5.15E-01	EGA2-1
ENSMMUG00000010120	INTS4	Integrator Complex Subunit 4	3.30	12.98	10.68	7.16	2.15	1.18E-03	-1.06	1.48E-01	0.12	9.62E-01	EGA2-1
ENSMMUG00000040993	RPS2	Ribosomal Protein S2	51.11	242.05	298.83	264.27	2.58	2.45E-07	0.23	7.57E-01	-0.40	7.39E-01	EGA2-1
ENSMMUG00000040614	CCDC89	Coiled-coil Domain Containing 89	0.24	1.35	1.50	1.80	2.11	2.00E-02	-0.48	6.81E-01	1.40	3.24E-01	EGA2-1
ENSMMUG00000019617	CCDC83	Coiled-coil Domain Containing 83	0.00	0.15	0.46	2.85	4.65	3.09E-02	1.89	4.01E-01	1.92	6.15E-01	EGA2-1
ENSMMUG00000019621	EED	Embryonic Ectoderm Development	0.20	8.97	10.49	6.88	6.10	3.77E-12	0.23	8.69E-01	0.15	9.66E-01	EGA2-1
ENSMMUG00000012596	FOLH1B	Folate Hydrolase 1B	0.00	0.20	0.33	0.99	6.75	2.29E-03	-0.26	9.34E-01	3.99	1.81E-01	EGA2-1
ENSMMUG00000005207	NAALAD2	N-acetylated Alpha-linked Acidic Dipeptidase 2	0.03	0.19	1.11	2.14	3.56	2.03E-02	2.30	1.20E-01	0.14	9.77E-01	EGA2-1

ENSMMUG0000005209	CHORDC1	Cysteine And Histidine Rich Domain Containing 1	9.11	91.18	93.48	60.68	3.05	9.76E-05	0.37	7.37E-01	-0.76	6.47E-01	EGA2-1
ENSMMUG00000011646	TAF1D	TATA-box Binding Protein Associated Factor, RNA Polymerase I Subunit D	5.55	66.73	49.35	52.01	3.16	1.99E-08	-0.33	6.83E-01	0.41	7.72E-01	EGA2-1
ENSMMUG00000007639	SRSF8	Serine/arginine-rich Splicing Factor 8	0.64	8.18	6.06	4.23	4.48	1.10E-06	0.18	9.01E-01	-1.08	5.60E-01	EGA2-1
ENSMMUG00000003821	JRKL	JRK Like	0.25	2.94	5.60	2.55	4.25	1.09E-04	0.70	6.33E-01	0.10	9.81E-01	EGA2-1
ENSMMUG000000038443			0.03	19.41	8.79	9.43	8.79	3.87E-12	-1.03	4.51E-01	-0.75	7.89E-01	EGA2-1
ENSMMUG00000005437	ALKBH8	Alkylated DNA Repair Protein AlkB Homolog 8	0.29	10.04	8.62	9.38	4.58	8.97E-05	0.84	5.79E-01	-0.33	9.32E-01	EGA2-1
ENSMMUG00000000797	EXPH5	Exophilin 5	0.40	4.21	3.97	13.85	4.09	2.22E-06	0.05	9.72E-01	1.38	3.54E-01	EGA2-1
ENSMMUG000000043523			31.48	99.03	114.63	66.25	1.81	6.55E-04	-0.07	9.34E-01	-0.36	7.78E-01	EGA2-1
ENSMMUG00000012270	RBM7	RNA Binding Motif Protein 7	2.08	21.58	13.05	14.19	3.31	1.43E-12	-0.42	4.99E-01	-0.39	7.30E-01	EGA2-1
ENSMMUG000000045582			22.25	77.96	151.53	139.59	1.75	1.22E-02	1.21	9.54E-02	-0.43	7.92E-01	EGA2-1
ENSMMUG000000016894	RPS25	Ribosomal Protein S25	149.88	386.28	492.11	339.15	1.29	1.17E-03	0.38	4.29E-01	-0.51	4.79E-01	EGA2-1
ENSMMUG000000048946			17.81	65.72	96.64	75.32	1.74	2.21E-03	0.59	3.79E-01	-0.46	7.10E-01	EGA2-1
ENSMMUG000000041875	PUS3	Pseudouridylate Synthase 3	0.34	7.36	4.29	3.15	3.81	2.81E-07	-1.18	1.74E-01	0.75	6.38E-01	EGA2-1
ENSMMUG000000043833			4.51	18.20	29.73	32.18	2.04	2.67E-02	0.61	5.86E-01	0.06	9.86E-01	EGA2-1
ENSMMUG000000049111			0.61	5.70	0.65	5.58	4.46	7.57E-03	-3.26	5.99E-02	2.77	2.85E-01	EGA2-1
ENSMMUG000000009615	IMP4	IMP4, U3 Small Nucleolar Ribonucleoprotein	5.23	37.42	26.00	22.92	2.91	4.09E-05	-0.37	7.09E-01	-0.03	9.92E-01	EGA2-1
ENSMMUG000000041125			2.97	8.53	8.73	17.77	1.89	1.54E-02	-0.86	3.27E-01	1.46	1.99E-01	EGA2-1
ENSMMUG000000018568	MAP3K2	Mitogen-activated Protein Kinase Kinase Kinase 2	1.04	3.42	6.99	8.69	1.70	3.45E-02	1.15	1.75E-01	0.78	6.05E-01	EGA2-1
ENSMMUG000000020928	NIFK	Nucleolar Protein Interacting With The FHA Domain Of MKI67	73.59	183.86	133.31	52.92	1.20	2.75E-02	-0.66	2.68E-01	-1.15	1.21E-01	EGA2-1
ENSMMUG000000041625	LOC707182	60S Ribosomal Protein L7a Pseudogene	14.48	45.53	34.71	41.50	1.78	1.40E-04	-0.53	3.43E-01	0.04	9.81E-01	EGA2-1
ENSMMUG000000047258			76.22	204.88	152.36	75.43	1.45	1.36E-03	-0.42	4.48E-01	-0.82	2.41E-01	EGA2-1
ENSMMUG000000017486	MCM6	Minichromosome Maintenance Complex Component 6	12.59	41.70	37.47	29.36	1.72	1.74E-05	0.06	9.23E-01	-0.53	4.86E-01	EGA2-1
ENSMMUG000000003032			3.47	11.98	9.19	9.04	1.71	7.23E-04	0.01	9.90E-01	-0.08	9.67E-01	EGA2-1
ENSMMUG000000000043	ORC4	Origin Recognition Complex Subunit 4	0.97	4.83	4.96	4.18	1.74	4.14E-02	0.19	8.74E-01	0.59	7.51E-01	EGA2-1
ENSMMUG000000004825			2.74	30.52	30.16	30.49	3.58	3.53E-07	0.08	9.49E-01	-0.33	8.72E-01	EGA2-1
ENSMMUG000000044103			1.36	5.75	5.81	10.50	2.14	1.26E-03	0.08	9.44E-01	0.51	7.37E-01	EGA2-1
ENSMMUG0000000031396			15.51	78.87	125.67	127.97	2.62	1.73E-04	0.74	3.79E-01	0.67	6.49E-01	EGA2-1
ENSMMUG000000007313	HAT1	Histone Acetyltransferase 1	11.36	60.09	117.26	45.86	1.77	3.46E-02	1.56	6.27E-02	-1.54	1.97E-01	EGA2-1
ENSMMUG000000010554			3.70	25.93	51.31	71.76	2.06	3.41E-02	1.40	1.67E-01	-0.25	9.34E-01	EGA2-1
ENSMMUG000000031373	LOC697561	40S Ribosomal Protein SA-like	3.89	13.03	22.50	23.64	2.13	7.61E-04	0.70	3.50E-01	0.16	9.38E-01	EGA2-1
ENSMMUG000000001858	HNRNPA3	Heterogeneous Nuclear Ribonucleoprotein A3	7.42	62.95	117.90	73.01	2.95	1.02E-06	1.10	1.08E-01	-0.39	8.03E-01	EGA2-1
ENSMMUG000000031343	LOC711449	60S Ribosomal Protein L18 Pseudogene	1.98	7.72	14.04	15.46	2.15	4.13E-04	0.89	1.94E-01	0.20	9.12E-01	EGA2-1
ENSMMUG000000019335	LOC709201	60S Ribosomal Protein L3-like	21.75	180.97	106.97	127.57	3.14	1.14E-07	-0.99	1.53E-01	0.64	6.13E-01	EGA2-1
ENSMMUG000000003260			22.88	65.77	37.52	43.55	1.32	5.89E-03	-0.86	8.88E-02	0.18	8.95E-01	EGA2-1
ENSMMUG000000011937			21.76	182.76	292.92	184.48	3.03	4.80E-07	0.66	3.79E-01	-0.27	8.75E-01	EGA2-1
ENSMMUG000000005612	GLS	Glutaminase	1.76	5.11	3.53	2.68	1.87	1.20E-02	-0.67	4.41E-01	0.07	9.78E-01	EGA2-1
ENSMMUG000000041535	C12H2orf69	Chromosome 12 Open Reading Frame, Human C2orf69	0.38	4.59	9.29	12.77	3.35	2.44E-04	1.26	2.28E-01	0.13	9.71E-01	EGA2-1
ENSMMUG000000022202	BZW1	Basic Leucine Zipper And W2 Domains 1	7.39	108.95	102.01	55.37	3.77	4.92E-16	-0.26	7.02E-01	-0.17	9.07E-01	EGA2-1

ENSMMUG00000006638	PPIL3	Peptidylprolyl Isomerase Like 3	0.70	3.52	5.35	6.55	2.19	9.20E-03	0.34	7.67E-01	0.63	7.33E-01	EGA2-1
ENSMMUG00000006639	NIF3L1	NGG1 Interacting Factor 3 Like 1	5.33	19.28	23.66	18.28	1.40	4.23E-02	0.51	5.29E-01	-0.31	8.59E-01	EGA2-1
ENSMMUG00000039733			1.61	3.62	2.38	3.10	1.48	4.23E-02	-1.37	6.07E-02	1.20	2.66E-01	EGA2-1
ENSMMUG00000000582	NOP58	NOP58 Ribonucleoprotein	38.65	153.07	131.93	106.93	1.61	1.80E-04	0.13	8.36E-01	-0.30	7.72E-01	EGA2-1
ENSMMUG00000006818	LOC695847	Chromobox Protein Homolog 3-like	7.99	84.92	157.65	61.37	3.25	4.88E-08	1.27	5.71E-02	-1.01	3.24E-01	EGA2-1
ENSMMUG00000013359	SLC11A1	Solute Carrier Family 11 Member 1	0.07	1.15	1.44	0.38	5.52	1.59E-03	-0.46	8.56E-01	-0.06	9.93E-01	EGA2-1
ENSMMUG00000014510	ANKZF1	Ankyrin Repeat And Zinc Finger Domain Containing 1	1.07	9.08	3.92	7.28	3.05	2.27E-03	-0.71	5.75E-01	0.58	8.14E-01	EGA2-1
ENSMMUG00000029426			2.23	9.23	4.80	5.50	2.55	2.06E-02	-1.13	3.72E-01	0.41	9.00E-01	EGA2-1
ENSMMUG00000011773	HTR2B	5-hydroxytryptamine Receptor 2B	0.35	2.48	1.44	1.87	2.90	2.12E-02	-0.31	8.60E-01	0.56	8.61E-01	EGA2-1
ENSMMUG00000018094	NCL	Nucleolin	170.92	1209.05	2143.44	956.08	2.73	1.38E-08	0.95	8.37E-02	-1.04	1.70E-01	EGA2-1
ENSMMUG00000012140	LOC693785	Prothymosin Alpha-like	38.28	327.66	216.93	160.52	2.80	3.13E-08	-0.35	6.10E-01	-0.34	7.98E-01	EGA2-1
ENSMMUG00000006985			0.02	1.42	0.63	1.37	7.26	1.07E-03	-1.80	4.88E-01	1.04	8.53E-01	EGA2-1
ENSMMUG00000041959	EFHD1	EF-hand Domain Family Member D1	0.03	0.24	1.75	1.06	3.33	2.45E-02	2.82	5.23E-02	-0.44	9.15E-01	EGA2-1
ENSMMUG00000044208			0.00	0.73	1.06	0.38	27.07	3.74E-13	-0.53	9.33E-01	-4.15	5.99E-01	EGA2-1
ENSMMUG00000008049	DTYMK	Deoxythymidylate Kinase	0.29	3.11	4.90	7.45	4.67	2.63E-03	1.23	4.65E-01	1.00	7.59E-01	EGA2-1
ENSMMUG00000019609	DPH7	Diphthamide Biosynthesis 7	0.27	3.23	1.24	1.77	3.26	3.71E-02	-0.65	7.47E-01	2.32	3.33E-01	EGA2-1
ENSMMUG00000039736	MRPL41	Mitochondrial Ribosomal Protein L41	2.52	13.45	9.88	7.97	2.62	2.37E-02	-0.97	4.75E-01	-0.73	7.85E-01	EGA2-1
ENSMMUG00000012164	TUBB4B	Tubulin Beta 4B Class IVb	3.31	62.18	63.87	50.85	4.39	3.39E-11	-0.02	9.87E-01	-0.33	8.63E-01	EGA2-1
ENSMMUG00000038102			0.00	0.16	1.46	0.59	19.51	3.61E-03	-3.99	6.46E-01	-6.64	6.18E-01	EGA2-1
ENSMMUG00000005047	PHPT1	Phosphohistidine Phosphatase 1	2.79	34.60	6.68	8.26	2.65	4.45E-02	-2.09	1.21E-01	-0.02	9.97E-01	EGA2-1
ENSMMUG00000044767	FAM69B	Family With Sequence Similarity 69 Member B	0.60	1.42	3.47	4.76	1.97	3.65E-02	0.75	4.92E-01	0.10	9.74E-01	EGA2-1
ENSMMUG00000003098	PMPCA	Peptidase, Mitochondrial Processing Alpha Subunit	0.80	7.32	11.95	9.85	2.85	2.07E-03	0.55	6.49E-01	0.73	7.21E-01	EGA2-1
ENSMMUG00000015461	PPP1R26	Protein Phosphatase 1 Regulatory Subunit 26	0.34	1.58	2.00	1.96	2.92	3.66E-02	-0.62	7.33E-01	0.81	8.03E-01	EGA2-1
ENSMMUG00000019308			0.02	8.09	3.62	1.49	6.56	4.31E-04	-0.31	9.10E-01	-0.55	9.30E-01	EGA2-1
ENSMMUG00000022341	RPL7A	Ribosomal Protein L7a	98.51	335.53	269.84	275.56	1.90	1.06E-05	-0.43	4.32E-01	-0.03	9.86E-01	EGA2-1
ENSMMUG00000040875			0.63	26.88	23.79	10.82	5.57	2.68E-10	-0.79	4.94E-01	-0.32	9.07E-01	EGA2-1
ENSMMUG00000001267	GTF3C5	General Transcription Factor IIIC Subunit 5	8.81	25.25	27.60	9.99	1.64	6.28E-03	-0.10	9.11E-01	-1.53	5.03E-02	EGA2-1
ENSMMUG00000041056			3.42	58.79	8.07	22.15	3.40	4.63E-03	-2.10	1.05E-01	0.99	7.11E-01	EGA2-1
ENSMMUG00000042881	AIF1L	Allograft Inflammatory Factor 1 Like	1.16	17.28	6.91	23.64	3.83	1.54E-03	-0.75	6.34E-01	1.95	3.19E-01	EGA2-1
ENSMMUG00000003793	TOR1B	Torsin Family 1 Member B	3.21	7.55	7.66	5.97	1.31	4.82E-02	-0.20	8.23E-01	-0.01	9.97E-01	EGA2-1
ENSMMUG00000038373	SET	SET Nuclear Proto-oncogene	23.76	141.93	153.57	95.60	2.58	1.05E-04	0.22	8.25E-01	-0.61	6.74E-01	EGA2-1
ENSMMUG00000018258	PTGES2	Prostaglandin E Synthase 2	1.11	3.93	9.43	11.56	1.99	3.76E-02	1.47	1.35E-01	-0.17	9.60E-01	EGA2-1
ENSMMUG00000010178	LOC701554	Neugrin, Neurite Outgrowth Associated-like	5.63	34.33	33.59	11.83	2.47	6.20E-05	-0.13	8.89E-01	-1.09	2.77E-01	EGA2-1
ENSMMUG00000005215	RABEPK	Rab9 Effector Protein With Kelch Motifs	0.08	0.38	0.94	0.62	5.42	1.88E-03	1.19	5.44E-01	0.37	9.47E-01	EGA2-1
ENSMMUG00000005260	RPL35	Ribosomal Protein L35	3.63	36.34	45.99	46.63	3.34	4.70E-10	0.41	5.74E-01	-0.41	7.57E-01	EGA2-1
ENSMMUG00000008561	KIF12	Kinesin Family Member 12	0.01	3.76	2.68	1.39	8.65	2.92E-07	0.27	9.10E-01	-0.80	8.46E-01	EGA2-1
ENSMMUG00000005851	BSPRY	B-box And SPRY Domain Containing	0.04	1.38	2.47	10.02	7.38	5.53E-08	-0.31	8.70E-01	1.52	5.31E-01	EGA2-1
ENSMMUG00000000464	PTBP3	Polypyrimidine Tract Binding Protein 3	6.29	18.32	28.76	43.49	1.94	2.49E-03	0.04	9.68E-01	0.58	6.61E-01	EGA2-1



ENSMMUG00000032563			3.08	17.52	10.90	10.37	2.22	4.80E-04	-0.48	5.57E-01	0.17	9.35E-01	EGA2-1
ENSMMUG00000047317			0.01	1.31	1.20	0.21	7.25	2.48E-03	0.04	9.91E-01	-3.40	4.00E-01	EGA2-1
ENSMMUG00000023797	TMEM246	Transmembrane Protein 246	0.06	0.60	0.46	0.47	7.92	1.45E-03	-0.97	7.71E-01	-0.97	8.87E-01	EGA2-1
ENSMMUG00000040020			4.19	9.64	38.50	22.33	6.26	5.68E-04	-0.15	9.58E-01	-1.64	6.48E-01	EGA2-1
ENSMMUG00000000494	LOC711523	Ankyrin Repeat Domain-containing Protein 18A	1.62	8.33	6.46	5.65	2.04	3.10E-02	0.10	9.46E-01	-0.76	6.96E-01	EGA2-1
ENSMMUG00000017887	LOC718745	Mitochondrial Import Receptor Subunit TOM5 Homolog	4.90	60.21	81.87	43.88	3.51	3.33E-05	0.90	3.84E-01	-1.20	4.32E-01	EGA2-1
ENSMMUG00000031876	LOC706606	60S Ribosomal Protein L23a-like	234.46	974.15	847.95	766.67	2.08	2.08E-08	-0.11	8.54E-01	-0.23	8.14E-01	EGA2-1
ENSMMUG00000016321	TPM2	Tropomyosin 2	1.37	6.26	11.01	9.28	2.51	1.97E-02	-0.32	8.32E-01	1.81	2.62E-01	EGA2-1
ENSMMUG00000011862	FAM214B	Family With Sequence Similarity 214 Member B	0.27	41.86	21.15	3.95	7.68	1.03E-18	-1.62	1.17E-01	-2.07	1.29E-01	EGA2-1
ENSMMUG00000020190	VCP	Valosin Containing Protein	5.25	19.46	39.30	42.82	1.99	2.82E-04	0.79	2.07E-01	-0.23	8.84E-01	EGA2-1
ENSMMUG00000039762	MYORG	Myogenesis Regulating Glycosidase (putative)	0.06	0.79	1.96	6.99	3.37	6.63E-03	2.05	1.16E-01	2.23	2.28E-01	EGA2-1
ENSMMUG00000000389	NOL6	Nucleolar Protein 6	3.27	11.03	8.40	5.74	1.68	2.05E-02	-0.47	6.01E-01	-0.44	7.92E-01	EGA2-1
ENSMMUG00000002088	SMU1	SMU1, DNA Replication Regulator And Spliceosomal Factor	12.88	37.51	21.30	23.29	1.48	3.09E-03	-1.01	5.42E-02	-0.17	9.05E-01	EGA2-1
ENSMMUG00000002685	NDUFB6	NADH:ubiquinone Oxidoreductase Subunit B6	6.29	22.96	22.24	21.16	1.83	6.50E-03	0.17	8.56E-01	-0.02	9.95E-01	EGA2-1
ENSMMUG00000045740	ACER2	Alkaline Ceramidase 2	0.18	4.27	2.91	10.52	5.00	3.74E-07	-1.31	2.70E-01	2.61	6.13E-02	EGA2-1
ENSMMUG00000003412	LOC712274	40S Ribosomal Protein S6	108.13	472.38	655.79	559.90	2.28	2.17E-14	0.42	2.63E-01	-0.36	5.60E-01	EGA2-1
ENSMMUG00000013997	LOC712661	Perilipin-2	8.89	52.10	116.29	128.03	2.73	4.41E-07	0.90	1.50E-01	0.15	9.37E-01	EGA2-1
ENSMMUG00000018396	HAUS6	HAUS Augmin Like Complex Subunit 6	1.58	9.67	11.41	6.54	2.88	2.28E-05	0.20	8.45E-01	-1.36	1.99E-01	EGA2-1
ENSMMUG00000016189			18.80	66.95	58.40	35.84	1.71	3.08E-02	-0.76	3.99E-01	-0.01	9.99E-01	EGA2-1
ENSMMUG00000048472	DMAC1	Distal Membrane Arm Assembly Complex 1	0.79	6.00	4.42	5.88	3.16	1.93E-04	-0.79	4.54E-01	0.82	6.43E-01	EGA2-1
ENSMMUG00000007991			243.91	1384.54	1260.86	876.29	2.15	1.83E-04	0.16	8.52E-01	-0.72	5.08E-01	EGA2-1
ENSMMUG00000018306	KIAA2026	KIAA2026 Ortholog	2.08	5.78	10.18	7.66	1.60	3.72E-03	1.04	7.44E-02	-0.56	6.08E-01	EGA2-1
ENSMMUG00000002362	PUM3	Pumilio RNA Binding Family Member 3	9.14	32.49	42.89	20.83	1.31	4.99E-02	0.86	2.21E-01	-0.31	8.52E-01	EGA2-1
ENSMMUG00000000357	FXN	Frataxin	2.52	13.30	14.45	12.27	2.64	1.81E-02	-0.04	9.79E-01	0.13	9.74E-01	EGA2-1
ENSMMUG00000013102	TRPM6	Transient Receptor Potential Cation Channel Subfamily M Member 6	0.31	2.80	2.84	3.13	2.76	7.35E-04	0.82	4.05E-01	0.38	8.63E-01	EGA2-1
ENSMMUG00000039415	LOC706270	U1 Small Nuclear Ribonucleoprotein C-like	1.86	8.01	3.50	3.53	2.35	1.16E-02	-1.69	8.21E-02	0.36	8.91E-01	EGA2-1
ENSMMUG00000018870	C15H9orf64	Chromosome 15 Open Reading Frame, Human C9orf64	0.25	2.47	4.48	4.28	3.82	9.72E-03	0.66	7.25E-01	-0.08	9.87E-01	EGA2-1
ENSMMUG00000018871	HNRNPK	Heterogeneous Nuclear Ribonucleoprotein K	69.36	250.88	237.54	218.35	1.79	1.44E-05	0.08	9.06E-01	0.01	9.97E-01	EGA2-1
ENSMMUG00000038581			13.56	46.16	59.98	71.20	1.93	3.12E-04	0.23	7.65E-01	0.34	7.98E-01	EGA2-1
ENSMMUG0000003237			0.83	4.59	5.26	1.90	3.83	1.64E-03	-1.00	5.04E-01	-1.60	4.62E-01	EGA2-1
ENSMMUG00000017704			14.44	62.56	55.53	15.44	2.13	4.45E-03	-0.77	3.79E-01	-0.95	4.79E-01	EGA2-1
ENSMMUG00000023225	E2F6	E2F Transcription Factor 6	0.19	10.27	3.61	3.49	5.74	2.27E-08	-1.82	1.19E-01	0.70	7.89E-01	EGA2-1
ENSMMUG00000048618			8.20	19.61	25.56	31.47	1.10	4.69E-02	0.64	2.87E-01	-0.38	7.53E-01	EGA2-1
ENSMMUG00000043320			2.44	8.10	9.13	5.32	1.61	1.22E-02	-0.42	6.00E-01	0.16	9.39E-01	EGA2-1
ENSMMUG00000010257	SLC5A6	Solute Carrier Family 5 Member 6	0.94	60.72	62.20	57.40	6.06	4.34E-29	0.20	8.14E-01	-0.24	8.87E-01	EGA2-1
ENSMMUG00000008287	EIF2B4	Eukaryotic Translation Initiation Factor 2B Subunit Delta	1.03	3.64	4.00	4.01	1.80	5.22E-03	0.26	7.75E-01	-0.05	9.85E-01	EGA2-1
ENSMMUG00000022268	WDR43	WD Repeat Domain 43	6.53	31.69	40.98	29.36	2.12	2.49E-05	0.65	2.79E-01	-0.30	8.17E-01	EGA2-1
ENSMMUG00000030876	SLC30A6	Solute Carrier Family 30 Member 6	1.12	3.17	4.65	4.54	1.63	2.43E-02	-0.27	7.85E-01	0.52	7.39E-01	EGA2-1

ENSMMUG00000009372	TTC27	Tetratricopeptide Repeat Domain 27	0.57	12.98	13.92	7.97	3.99	1.20E-05	0.36	7.91E-01	-0.34	9.03E-01	EGA2-1
ENSMMUG00000016433	CEBPZ	CCAAT/enhancer Binding Protein Zeta	7.66	51.66	45.69	19.82	2.64	3.54E-06	-0.34	6.64E-01	-0.73	5.04E-01	EGA2-1
ENSMMUG00000013945	CYP1B1	Cytochrome P450, Family 1, Subfamily B, Polypeptide 1	0.03	2.36	1.18	1.07	8.28	5.29E-07	-1.79	3.43E-01	-1.76	5.75E-01	EGA2-1
ENSMMUG00000011025	SRSF7	Serine And Arginine Rich Splicing Factor 7	16.83	76.30	88.22	84.90	2.37	2.22E-06	0.21	7.78E-01	0.03	9.90E-01	EGA2-1
ENSMMUG00000020575	SOS1	SOS Ras/Rac Guanine Nucleotide Exchange Factor 1	2.23	12.72	41.11	21.95	2.43	6.63E-03	1.59	9.11E-02	-0.61	7.68E-01	EGA2-1
ENSMMUG00000013388			335.61	1264.40	1323.21	#####	2.12	3.19E-20	-0.03	9.42E-01	-0.43	2.83E-01	EGA2-1
ENSMMUG00000042653	ZFP36L2	ZFP36 Ring Finger Protein Like 2	0.98	5.24	9.61	11.96	2.72	5.46E-05	0.42	6.45E-01	0.48	7.71E-01	EGA2-1
ENSMMUG00000042395	MCFD2	Multiple Coagulation Factor Deficiency 2	0.78	5.87	7.38	7.50	3.19	6.89E-05	0.61	5.59E-01	0.46	8.27E-01	EGA2-1
ENSMMUG00000003310	TTC7A	Tetratricopeptide Repeat Domain 7A	0.17	1.60	1.56	2.03	3.08	4.13E-02	0.42	8.41E-01	1.18	7.01E-01	EGA2-1
ENSMMUG00000000974	MSH2	MutS Homolog 2	40.09	116.14	136.47	63.44	1.66	1.42E-03	0.20	7.93E-01	-1.02	1.90E-01	EGA2-1
ENSMMUG00000022842	MSH6	MutS Homolog 6	12.11	52.80	41.94	37.01	2.02	2.75E-06	-0.16	8.07E-01	-0.19	8.81E-01	EGA2-1
ENSMMUG00000020677	FOXN2	Forkhead Box N2	1.29	7.14	12.87	10.37	2.40	5.06E-06	1.03	7.97E-02	-0.13	9.47E-01	EGA2-1
ENSMMUG00000022853	PPP1R21	Protein Phosphatase 1 Regulatory Subunit 21	0.26	3.06	2.03	3.82	3.51	3.06E-04	-0.06	9.68E-01	0.46	8.62E-01	EGA2-1
ENSMMUG00000007203			0.28	6.72	6.87	1.53	4.87	9.13E-06	-0.18	9.15E-01	-1.69	3.81E-01	EGA2-1
ENSMMUG00000030827			8.43	59.87	51.45	32.41	2.82	1.49E-06	-0.13	8.92E-01	-0.17	9.32E-01	EGA2-1
ENSMMUG00000048086			2.41	30.73	7.77	47.51	2.57	2.92E-02	-1.11	4.10E-01	2.11	2.19E-01	EGA2-1
ENSMMUG00000006504			0.02	5.21	1.24	0.39	5.45	3.04E-02	-2.78	3.09E-01	4.79	1.90E-01	EGA2-1
ENSMMUG00000041557	C1D	C1D Nuclear Receptor Corepressor	0.03	5.95	2.90	2.87	8.11	6.84E-20	-1.10	2.97E-01	-0.64	7.69E-01	EGA2-1
ENSMMUG00000017209	C1D	C1D Nuclear Receptor Corepressor	0.02	9.16	12.47	6.25	8.95	1.71E-18	1.26	2.45E-01	-1.48	3.61E-01	EGA2-1
ENSMMUG00000017460	WDR92	WD Repeat Domain 92	6.70	16.13	14.61	5.07	1.79	2.83E-02	-1.31	1.21E-01	-1.00	4.77E-01	EGA2-1
ENSMMUG00000048515			25.65	63.93	87.18	91.35	1.22	4.63E-03	0.58	2.27E-01	-0.26	8.03E-01	EGA2-1
ENSMMUG00000001126	TIA1	TIA1 Cytotoxic Granule Associated RNA Binding Protein	1.21	5.70	7.28	12.28	2.19	4.38E-04	0.32	7.08E-01	1.07	2.80E-01	EGA2-1
ENSMMUG00000043380			10.46	61.58	104.02	59.28	2.46	2.75E-07	0.71	2.10E-01	-0.62	4.99E-01	EGA2-1
ENSMMUG00000041984	NOTO	Notochord Homeobox	0.23	1.89	12.68	0.52	4.98	5.83E-03	2.19	2.41E-01	0.15	9.81E-01	EGA2-1
ENSMMUG00000012448	CCT7	Chaperonin Containing TCP1 Subunit 7	1.22	17.05	49.51	49.97	4.11	3.11E-06	1.50	1.36E-01	0.56	8.05E-01	EGA2-1
ENSMMUG00000002880			4.38	40.10	23.49	27.22	2.89	6.20E-06	-0.61	4.48E-01	0.97	3.93E-01	EGA2-1
ENSMMUG00000030805	TPRKB	TP53RK Binding Protein	0.55	7.53	8.29	8.40	3.51	2.33E-05	0.41	7.28E-01	0.07	9.82E-01	EGA2-1
ENSMMUG00000017683	ACTG2	Actin, Gamma 2, Smooth Muscle, Enteric	0.10	1.14	4.50	1.19	3.71	5.46E-03	-0.39	8.38E-01	-0.16	9.74E-01	EGA2-1
ENSMMUG00000049122	BOLA3	BolA Family Member 3	0.50	9.01	7.20	8.42	2.33	1.80E-02	0.20	8.90E-01	2.01	1.44E-01	EGA2-1
ENSMMUG000000009739	MTHFD2	Methylenetetrahydrofolate Dehydrogenase (NADP+ Dependent) 2, Methenyltetrahydrofolate Cyclohydrolase	9.06	36.65	38.74	28.80	2.10	6.00E-04	-0.31	7.13E-01	-0.55	6.78E-01	EGA2-1
ENSMMUG00000002728	INO80B	INO80 Complex Subunit B	3.75	22.37	9.35	5.65	2.28	9.26E-03	-1.39	1.39E-01	-0.79	6.58E-01	EGA2-1
ENSMMUG00000002131	AUP1	AUP1, Lipid Droplet Regulating VLDL Assembly Factor	4.20	24.10	13.69	18.14	2.35	2.54E-02	-1.10	3.53E-01	0.65	7.89E-01	EGA2-1
ENSMMUG00000023758	MRPL19	Mitochondrial Ribosomal Protein L19	7.69	16.09	34.93	16.10	1.30	2.84E-02	1.02	9.07E-02	-0.89	3.38E-01	EGA2-1
ENSMMUG00000030791			2.22	25.70	19.25	3.65	3.86	8.59E-08	-1.37	9.46E-02	-1.43	2.22E-01	EGA2-1
ENSMMUG00000004450	MAT2A	Methionine Adenosyltransferase 2A	30.69	133.66	109.18	61.17	1.98	3.93E-05	-0.03	9.69E-01	-0.83	2.91E-01	EGA2-1
ENSMMUG00000004446	GGCX	Gamma-glutamyl Carboxylase	0.25	1.68	0.45	1.91	3.09	2.25E-02	-2.33	9.59E-02	2.05	3.35E-01	EGA2-1
ENSMMUG00000010534	TEX37	Testis Expressed 37	0.01	2.42	0.38	0.01	6.24	7.08E-03	-0.14	9.66E-01	-4.72	1.37E-01	EGA2-1

ENSMMUG00000009254	EIF2AK3	Eukaryotic Translation Initiation Factor 2 Alpha Kinase 3	0.16	0.86	0.96	1.89	3.17	2.88E-04	-0.25	8.48E-01	1.07	5.16E-01	EGA2-1
ENSMMUG00000023261	SNRNP200	Small Nuclear Ribonucleoprotein U5 Subunit 200	9.01	26.71	17.91	19.93	1.48	4.23E-04	-0.79	8.19E-02	0.53	5.02E-01	EGA2-1
ENSMMUG00000021019	RANBP2	RAN Binding Protein 2	16.97	47.02	59.13	42.37	1.37	1.13E-03	0.44	3.79E-01	-0.40	6.43E-01	EGA2-1
ENSMMUG00000008434	LOC706567	Ankyrin Repeat Domain-containing Protein 36B-like	0.01	1.60	1.63	0.10	6.16	1.00E-05	-0.38	8.53E-01	-2.13	3.91E-01	EGA2-1
ENSMMUG00000006668	TUBA3C	Tubulin Alpha 3c	7.27	24.21	12.18	1.61	2.03	3.04E-02	-1.33	1.81E-01	-2.04	1.04E-01	EGA2-1
ENSMMUG00000047261			0.04	3.93	1.95	3.13	6.10	2.49E-06	0.08	9.67E-01	-0.06	9.92E-01	EGA2-1
ENSMMUG00000044254			0.06	1.15	6.29	3.70	5.61	1.66E-03	2.17	2.23E-01	-0.17	9.77E-01	EGA2-1
ENSMMUG00000010416	SAP18	Sin3A Associated Protein 18	30.03	64.24	79.43	41.49	1.09	3.03E-02	0.20	7.62E-01	-0.82	2.75E-01	EGA2-1
ENSMMUG00000007373	ZDHHC20	Zinc Finger DHHC-type Containing 20	0.93	6.35	15.84	20.43	2.95	6.19E-04	1.38	1.50E-01	0.06	9.85E-01	EGA2-1
ENSMMUG00000039518			1.33	11.15	5.38	6.62	3.07	4.41E-02	-1.84	2.64E-01	1.06	7.51E-01	EGA2-1
ENSMMUG00000020386	POLR1D	RNA Polymerase I Subunit D	20.11	73.45	68.74	31.88	1.85	5.33E-04	0.24	7.46E-01	-1.09	1.74E-01	EGA2-1
ENSMMUG00000030802			3.01	10.96	5.33	2.52	1.76	2.84E-02	-0.90	3.19E-01	-0.73	6.51E-01	EGA2-1
ENSMMUG00000030801	LOC721751	60S Ribosomal Protein L23a Pseudogene	179.27	736.70	671.53	597.21	2.04	3.35E-08	-0.03	9.67E-01	-0.23	8.11E-01	EGA2-1
ENSMMUG00000046615	HMGB1	High Mobility Group Box 1	43.00	85.89	148.12	109.06	1.05	4.52E-03	0.75	5.03E-02	-0.40	5.63E-01	EGA2-1
ENSMMUG00000013707	HSPH1	Heat Shock Protein Family H (Hsp110) Member 1	1.22	27.33	16.81	39.94	4.28	1.66E-10	-0.62	4.81E-01	1.51	1.51E-01	EGA2-1
ENSMMUG00000042641			13.74	41.23	29.07	10.00	2.19	1.20E-03	-1.20	1.03E-01	-0.64	6.54E-01	EGA2-1
ENSMMUG00000003585	ALG5	ALG5, Dolichylphosphate Beta-glucosyltransferase	0.43	8.85	11.32	14.97	4.22	5.18E-04	0.84	5.89E-01	0.57	8.62E-01	EGA2-1
ENSMMUG00000013689	DNAJC15	DnaJ Heat Shock Protein Family (Hsp40) Member C15	8.47	127.26	206.52	97.23	3.94	4.45E-09	1.01	2.10E-01	-1.07	3.76E-01	EGA2-1
ENSMMUG00000017988	MED4	Mediator Complex Subunit 4	1.55	24.55	33.39	27.08	3.56	7.53E-08	0.49	5.80E-01	0.63	6.70E-01	EGA2-1
ENSMMUG00000041761			68.03	179.68	194.09	171.72	1.48	5.73E-06	0.04	9.44E-01	-0.27	7.23E-01	EGA2-1
ENSMMUG00000038987	LOC723355	Peptidyl-prolyl Cis-trans Isomerase NIMA-interacting 4 Pseudogene	11.86	54.63	63.46	31.82	2.44	1.31E-02	-0.01	9.95E-01	-0.20	9.52E-01	EGA2-1
ENSMMUG00000000787	DIS3	DIS3 Homolog, Exosome Endoribonuclease And 3'-5' Exoribonuclease	1.15	49.37	49.07	31.41	5.27	3.24E-21	-0.29	7.35E-01	-0.53	6.86E-01	EGA2-1
ENSMMUG00000002533	KLF5	Kruppel Like Factor 5	7.09	45.44	54.90	66.98	2.56	2.41E-09	-0.04	9.59E-01	0.46	6.22E-01	EGA2-1
ENSMMUG00000021460			9.91	121.10	119.20	117.01	3.55	5.20E-07	0.14	9.03E-01	-0.18	9.44E-01	EGA2-1
ENSMMUG00000045330			0.53	2.36	3.99	3.81	2.00	2.30E-02	0.97	3.11E-01	-0.20	9.47E-01	EGA2-1
ENSMMUG00000030679			25.78	66.88	88.81	101.36	1.35	3.02E-03	0.46	3.97E-01	-0.18	8.91E-01	EGA2-1
ENSMMUG00000018292	SPRY2	Sprouty RTK Signaling Antagonist 2	0.06	0.94	2.03	4.94	4.41	4.47E-03	-0.06	9.81E-01	2.34	3.49E-01	EGA2-1
ENSMMUG00000009018	LOC698713	60S Ribosomal Protein L13a-like	14.45	65.12	94.06	103.35	2.14	2.86E-06	0.66	2.22E-01	-0.27	8.19E-01	EGA2-1
ENSMMUG00000013059	GPR180	G Protein-coupled Receptor 180	0.47	3.47	2.10	1.13	2.72	5.93E-03	-0.20	8.90E-01	-0.80	7.06E-01	EGA2-1
ENSMMUG00000045088			0.83	60.46	49.43	17.10	5.95	2.07E-22	-0.56	4.85E-01	-0.84	4.86E-01	EGA2-1
ENSMMUG00000014821			0.04	0.92	0.26	0.27	7.18	1.84E-03	-4.41	6.23E-02	0.17	9.85E-01	EGA2-1
ENSMMUG00000048147			0.35	6.07	0.89	0.60	4.15	9.39E-03	-3.21	5.23E-02	-0.45	9.28E-01	EGA2-1
ENSMMUG00000000169	ARFRP1	ADP Ribosylation Factor Related Protein 1	0.13	1.25	1.17	2.57	5.42	2.33E-04	-0.40	8.53E-01	1.44	6.25E-01	EGA2-1
ENSMMUG00000015911	ARFGAP1	ADP Ribosylation Factor GTPase Activating Protein 1	0.63	5.91	3.49	3.48	3.91	4.41E-05	-0.76	5.41E-01	0.34	9.05E-01	EGA2-1
ENSMMUG00000005006			46.76	210.87	287.01	205.70	1.95	5.00E-06	0.30	5.98E-01	-0.28	7.92E-01	EGA2-1
ENSMMUG00000009364	TFAP2C	Transcription Factor AP-2 Gamma	3.88	32.79	27.30	27.61	3.03	2.91E-08	-0.01	9.95E-01	-0.27	8.63E-01	EGA2-1

ENSMMUG00000046647	FAM209B	Family With Sequence Similarity 209 Member B	0.00	2.44	0.39	0.10	10.10	6.34E-05	-1.20	7.23E-01	-2.15	6.98E-01	EGA2-1
ENSMMUG00000031385	LOC706108	60S Acidic Ribosomal Protein P1 Pseudogene	53.33	156.67	348.89	249.00	1.80	1.61E-03	0.74	2.54E-01	-0.43	7.43E-01	EGA2-1
ENSMMUG00000000079	LOC697817	Protein FAM209A-like	0.05	2.51	3.14	0.19	8.31	2.29E-04	-0.90	7.61E-01	-3.05	4.41E-01	EGA2-1
ENSMMUG00000018358	ZNF217	Zinc Finger Protein 217	2.14	29.17	31.74	18.79	3.81	2.62E-19	-0.12	8.60E-01	-0.78	2.93E-01	EGA2-1
ENSMMUG00000003870	SALL4	Spalt Like Transcription Factor 4	7.63	58.32	65.31	43.87	2.73	6.70E-11	0.45	4.08E-01	-0.54	5.19E-01	EGA2-1
ENSMMUG00000002758	MOC53	Molybdenum Cofactor Synthesis 3	0.07	2.40	1.78	1.68	5.01	1.17E-03	-0.28	9.01E-01	-0.91	8.05E-01	EGA2-1
ENSMMUG00000002759	DPM1	Dolichyl-phosphate Mannosyltransferase Subunit 1, Catalytic	1.03	5.33	15.33	8.56	2.00	3.59E-02	1.60	9.60E-02	0.25	9.32E-01	EGA2-1
ENSMMUG00000002761	ADNP	Activity Dependent Neuroprotector Homeobox	4.55	10.43	29.67	20.99	1.71	1.71E-03	0.97	9.96E-02	0.04	9.86E-01	EGA2-1
ENSMMUG00000023621	DDX27	DEAD-box Helicase 27	14.77	55.30	54.69	24.19	1.54	3.32E-03	0.33	6.21E-01	-1.19	1.04E-01	EGA2-1
ENSMMUG00000040333			0.41	4.55	4.51	6.68	3.72	2.30E-02	-1.18	5.37E-01	0.87	8.22E-01	EGA2-1
ENSMMUG00000006464	HNF4A	Hepatocyte Nuclear Factor 4 Alpha	0.39	4.14	16.40	19.31	2.95	7.62E-03	1.59	1.87E-01	0.06	9.88E-01	EGA2-1
ENSMMUG00000006131			3.09	19.92	46.20	55.26	2.32	3.02E-03	1.43	8.51E-02	-0.33	8.78E-01	EGA2-1
ENSMMUG00000006742	SRSF6	Serine And Arginine Rich Splicing Factor 6	25.88	60.01	65.60	50.05	2.12	1.54E-04	-0.35	6.45E-01	-0.17	9.24E-01	EGA2-1
ENSMMUG00000006631			16.87	46.05	37.28	25.21	1.33	1.97E-05	-0.37	3.33E-01	-0.42	4.70E-01	EGA2-1
ENSMMUG00000048613			0.07	2.55	10.85	4.91	4.65	1.15E-03	1.35	3.79E-01	0.22	9.64E-01	EGA2-1
ENSMMUG00000010363	RPN2	Ribophorin II	8.74	23.27	42.42	50.45	1.62	2.25E-02	0.80	3.11E-01	0.01	9.98E-01	EGA2-1
ENSMMUG00000002089	TLDC2	TBC/LysM-associated Domain Containing 2	0.09	0.82	0.33	0.07	4.62	4.62E-02	-3.77	1.17E-01	-0.07	9.94E-01	EGA2-1
ENSMMUG00000005579	SOGA1	Suppressor Of Glucose, Autophagy Associated 1	0.28	1.56	2.86	2.31	3.09	9.91E-03	1.13	4.19E-01	-1.08	6.56E-01	EGA2-1
ENSMMUG00000009306	SCAND1	SCAN Domain Containing 1	0.36	1.11	0.80	2.99	4.59	1.41E-02	-0.81	7.28E-01	2.00	5.32E-01	EGA2-1
ENSMMUG000000031284	RBM39	RNA Binding Motif Protein 39	30.84	96.68	81.00	63.69	1.34	6.05E-03	-0.12	8.66E-01	0.06	9.74E-01	EGA2-1
ENSMMUG00000020960	RBM12	RNA Binding Motif Protein 12	9.94	22.37	37.43	31.60	1.17	1.77E-02	0.59	2.80E-01	-0.10	9.52E-01	EGA2-1
ENSMMUG00000000921			4.49	22.33	31.23	27.16	2.14	7.39E-03	0.06	9.61E-01	-0.58	7.49E-01	EGA2-1
ENSMMUG00000010050	SNRPB	Small Nuclear Ribonucleoprotein Polypeptides B And B1	0.23	1.83	5.29	4.16	3.57	2.50E-06	1.53	6.68E-02	-0.88	5.59E-01	EGA2-1
ENSMMUG00000013888	NOP56	NOP56 Ribonucleoprotein	2.98	47.37	47.11	29.37	3.94	2.96E-12	0.22	7.97E-01	-0.58	6.42E-01	EGA2-1
ENSMMUG00000021328	IDH3B	Isocitrate Dehydrogenase 3 (NAD(+)) Beta	0.59	5.71	8.44	11.43	3.78	2.71E-08	0.61	4.93E-01	0.19	9.37E-01	EGA2-1
ENSMMUG00000002982	FASTKD5	FAST Kinase Domains 5	4.50	16.21	12.10	9.29	1.57	4.43E-02	-0.28	7.85E-01	0.12	9.66E-01	EGA2-1
ENSMMUG00000010028	LZTS3	Leucine Zipper Tumor Suppressor Family Member 3	0.03	1.12	2.23	1.06	5.86	4.39E-05	0.53	7.98E-01	-1.59	5.75E-01	EGA2-1
ENSMMUG000000031189	LOC717779	60S Acidic Ribosomal Protein P2 Pseudogene	11.37	63.01	92.78	77.93	2.47	1.34E-05	0.17	8.45E-01	0.57	6.40E-01	EGA2-1
ENSMMUG00000013258	TMEM230	Transmembrane Protein 230	4.52	18.51	10.95	9.32	2.49	2.21E-03	-0.77	4.30E-01	-0.20	9.44E-01	EGA2-1
ENSMMUG00000013728	TRMT6	TRNA Methyltransferase 6	6.13	22.90	12.63	9.41	1.85	4.45E-03	-1.01	1.54E-01	-0.49	7.38E-01	EGA2-1
ENSMMUG00000006517			5.26	16.38	13.31	10.95	1.53	4.97E-03	-0.71	2.46E-01	-0.08	9.67E-01	EGA2-1
ENSMMUG00000007545			5.76	94.02	76.38	58.37	4.39	1.28E-12	-0.24	8.06E-01	-0.16	9.47E-01	EGA2-1
ENSMMUG000000023140			0.34	2.61	5.12	6.66	3.16	1.74E-03	1.03	3.91E-01	0.13	9.74E-01	EGA2-1
ENSMMUG00000004143	POLR3F	RNA Polymerase III Subunit F	4.18	19.02	6.30	4.26	1.83	2.26E-02	-1.23	1.44E-01	-0.26	9.08E-01	EGA2-1
ENSMMUG00000004146	RBBP9	RB Binding Protein 9, Serine Hydrolase	0.09	19.65	29.42	13.50	7.67	3.43E-17	0.47	7.21E-01	-1.03	5.87E-01	EGA2-1
ENSMMUG00000003630			0.22	1.68	2.80	1.27	2.52	4.54E-02	1.14	4.05E-01	-0.12	9.79E-01	EGA2-1
ENSMMUG00000010114	RIN2	Ras And Rab Interactor 2	0.30	1.09	3.83	1.47	3.58	5.04E-03	1.39	3.45E-01	-1.06	6.96E-01	EGA2-1
ENSMMUG000000031139	LOC100430605	Peptidyl-prolyl Cis-trans Isomerase A Pseudogene	19.73	104.71	186.25	176.83	2.68	5.57E-05	0.91	2.46E-01	0.61	6.76E-01	EGA2-1

ENSMMUG00000019615	TOMM6	Translocase Of Outer Mitochondrial Membrane 6	13.37	67.43	61.08	59.47	2.13	1.78E-02	-0.16	9.01E-01	0.08	9.80E-01	EGA2-1
ENSMMUG00000031124	HDHD5	Haloacid Dehalogenase Like Hydrolase Domain Containing 5	0.04	2.73	3.70	4.90	7.84	1.57E-09	0.35	8.45E-01	1.34	5.89E-01	EGA2-1
ENSMMUG00000031121	SLC25A18	Solute Carrier Family 25 Member 18	0.01	1.08	0.82	0.25	7.36	2.40E-02	-6.24	5.48E-02	2.95	6.35E-01	EGA2-1
ENSMMUG00000003272	USP18	Ubiquitin Specific Peptidase 18	0.32	2.13	2.45	0.15	3.47	3.59E-02	-0.73	7.35E-01	-2.45	3.51E-01	EGA2-1
ENSMMUG00000009650	HIRA	HIR Histone Cell Cycle Regulation Defective Homolog A (S. Cerevisiae)	1.33	5.04	1.82	3.01	2.27	4.45E-02	-1.87	1.03E-01	0.73	7.72E-01	EGA2-1
ENSMMUG00000031106	UFD1	Ubiquitin Recognition Factor In ER Associated Degradation 1	0.80	7.59	10.12	10.91	2.87	5.24E-06	0.47	5.68E-01	1.23	2.18E-01	EGA2-1
ENSMMUG00000045638	GNB1L	G Protein Subunit Beta 1 Like	0.05	0.67	0.49	0.54	5.80	3.72E-02	-1.96	5.43E-01	-1.78	7.71E-01	EGA2-1
ENSMMUG00000017171	SCARF2	Scavenger Receptor Class F Member 2	0.08	1.19	0.56	0.88	4.13	4.24E-03	-1.33	4.33E-01	2.35	3.00E-01	EGA2-1
ENSMMUG00000022167	PI4KA	Phosphatidylinositol 4-kinase Alpha	2.29	3.98	5.60	4.13	1.25	3.50E-02	0.16	8.46E-01	0.19	9.09E-01	EGA2-1
ENSMMUG00000018798	SDF2L1	Stromal Cell Derived Factor 2 Like 1	0.89	7.95	11.54	6.09	2.85	1.08E-02	0.68	6.28E-01	-0.45	8.81E-01	EGA2-1
ENSMMUG00000005624			0.91	7.03	25.33	51.69	3.99	1.54E-02	1.95	2.49E-01	-0.51	9.06E-01	EGA2-1
ENSMMUG000000040606			0.04	0.23	0.75	0.72	5.35	1.67E-02	0.19	9.54E-01	0.68	9.08E-01	EGA2-1
ENSMMUG00000000264	SNRPD3	Small Nuclear Ribonucleoprotein D3 Polypeptide	2.79	14.22	21.20	13.36	1.76	2.91E-02	0.17	8.80E-01	0.51	7.79E-01	EGA2-1
ENSMMUG000000021380	AP1B1	Adaptor Related Protein Complex 1 Beta 1 Subunit	3.92	16.57	9.02	17.04	2.19	8.50E-04	-1.17	1.02E-01	1.02	3.53E-01	EGA2-1
ENSMMUG000000023552	THOC5	THO Complex 5	1.49	7.39	9.10	4.97	2.18	7.05E-05	0.44	5.31E-01	-0.77	4.43E-01	EGA2-1
ENSMMUG000000047481			6.64	42.31	62.05	73.27	2.60	2.46E-03	0.77	4.55E-01	0.74	6.87E-01	EGA2-1
ENSMMUG00000001675	ASCC2	Activating Signal Cointegrator 1 Complex Subunit 2	2.63	9.08	3.63	4.58	2.14	1.06E-02	-1.40	1.12E-01	0.88	5.78E-01	EGA2-1
ENSMMUG000000042353			3.16	41.91	24.70	26.02	3.96	2.24E-05	-1.05	3.52E-01	0.86	6.77E-01	EGA2-1
ENSMMUG000000021727	DEPDC5	DEP Domain Containing 5	0.68	4.27	1.73	2.56	2.95	2.67E-03	-1.70	1.07E-01	0.43	8.71E-01	EGA2-1
ENSMMUG000000015258	GCAT	Glycine C-acetyltransferase	0.01	1.48	1.34	0.66	6.17	2.82E-05	-2.10	2.05E-01	0.91	8.05E-01	EGA2-1
ENSMMUG000000019785	EIF3L	Eukaryotic Translation Initiation Factor 3 Subunit L	31.53	77.23	86.57	83.36	1.37	7.69E-07	0.11	7.96E-01	0.01	9.93E-01	EGA2-1
ENSMMUG000000006987			0.84	8.22	8.01	3.99	3.68	5.31E-08	-0.05	9.64E-01	-0.98	4.35E-01	EGA2-1
ENSMMUG000000004304	DDX17	DEAD-box Helicase 17	19.18	77.63	94.32	82.48	2.16	2.74E-07	0.44	4.10E-01	0.02	9.93E-01	EGA2-1
ENSMMUG000000012467	FAM227A	Family With Sequence Similarity 227 Member A	0.05	1.42	0.69	0.41	5.87	1.54E-03	-1.29	5.60E-01	1.61	6.67E-01	EGA2-1
ENSMMUG000000000364	TOMM22	Translocase Of Outer Mitochondrial Membrane 22	15.31	66.51	87.66	58.08	2.37	4.08E-03	0.40	7.20E-01	-0.72	6.80E-01	EGA2-1
ENSMMUG000000010029	LOC693573	Ribosomal Protein L3-like	52.13	520.79	241.59	270.20	3.15	1.88E-08	-1.11	8.10E-02	0.61	6.04E-01	EGA2-1
ENSMMUG000000004496	MIEF1	Mitochondrial Elongation Factor 1	5.05	30.34	11.07	8.21	2.40	1.38E-03	-1.37	9.00E-02	0.21	9.32E-01	EGA2-1
ENSMMUG000000045296	RPS19BP1	Ribosomal Protein S19 Binding Protein 1	0.43	7.13	3.86	1.71	4.94	8.57E-09	-1.65	8.91E-02	0.07	9.84E-01	EGA2-1
ENSMMUG000000005341	ADSL	Adenylosuccinate Lyase	4.99	15.14	10.21	10.18	1.72	4.82E-02	-0.59	5.67E-01	-0.36	8.70E-01	EGA2-1
ENSMMUG000000004067	XPNPEP3	X-prolyl Aminopeptidase 3	1.39	7.69	5.67	6.80	2.58	9.83E-03	-0.72	5.60E-01	0.52	8.34E-01	EGA2-1
ENSMMUG000000000893	EP300	E1A Binding Protein P300	58.83	87.94	62.40	36.56	0.70	4.89E-02	-0.66	6.31E-02	-0.63	2.18E-01	EGA2-1
ENSMMUG000000001856	XRCC6	X-ray Repair Cross Complementing 6	12.67	48.11	44.95	43.87	1.89	9.65E-06	0.13	8.37E-01	-0.34	7.32E-01	EGA2-1

ENSMMUG00000042546	SNU13	Small Nuclear Ribonucleoprotein 13	5.02	46.38	22.46	18.28	3.14	7.77E-07	-0.89	2.41E-01	0.22	9.13E-01	EGA2-1
ENSMMUG00000007290	C10H22orf46	Chromosome 10 Open Reading Frame, Human C22orf46	0.12	2.49	0.46	0.69	3.59	2.51E-02	-2.68	1.02E-01	2.35	3.53E-01	EGA2-1
ENSMMUG00000002656	TCF20	Transcription Factor 20	18.73	37.02	36.03	25.56	1.19	3.54E-02	-0.33	6.39E-01	-0.26	8.51E-01	EGA2-1
ENSMMUG00000004132	NUP50	Nucleoporin 50	48.05	132.42	82.86	87.52	1.45	6.20E-04	-0.78	8.78E-02	-0.21	8.53E-01	EGA2-1
ENSMMUG00000030401	GEMIN4	Gem Nuclear Organelle Associated Protein 4	1.91	8.91	4.62	2.81	2.50	6.59E-03	-1.11	2.85E-01	-0.55	8.05E-01	EGA2-1
ENSMMUG00000019378	YWHAE	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase Activation Protein Epsilon	96.41	214.64	221.24	195.11	1.08	1.01E-02	0.17	7.61E-01	0.00	9.99E-01	EGA2-1
ENSMMUG00000004820	PRPF8	Pre-mRNA Processing Factor 8	23.40	41.72	45.61	48.77	0.74	3.55E-02	0.23	5.90E-01	-0.15	8.69E-01	EGA2-1
ENSMMUG00000017519	TSR1	TSR1, Ribosome Maturation Factor	1.18	19.31	23.30	10.13	3.97	6.96E-08	0.64	5.07E-01	-1.18	3.67E-01	EGA2-1
ENSMMUG00000030383			0.10	4.83	1.70	1.10	5.25	1.22E-03	-0.69	7.58E-01	0.38	9.47E-01	EGA2-1
ENSMMUG00000012999	PSMB6	Proteasome Subunit Beta 6	2.36	8.24	10.30	9.17	1.82	1.13E-02	0.12	9.15E-01	0.00	9.99E-01	EGA2-1
ENSMMUG00000005666	PLD2	Phospholipase D2	0.67	9.61	8.15	22.75	4.19	4.47E-05	-0.92	4.81E-01	1.26	5.23E-01	EGA2-1
ENSMMUG00000002769	RNF167	Ring Finger Protein 167	3.06	7.59	6.46	5.93	1.51	1.09E-02	-0.33	6.73E-01	0.24	8.82E-01	EGA2-1
ENSMMUG00000006592	C1QBP	Complement C1q Binding Protein	33.28	467.10	726.61	402.68	3.60	1.49E-07	0.92	2.70E-01	-1.17	3.21E-01	EGA2-1
ENSMMUG00000006594	DHX33	DEAH-box Helicase 33	1.21	4.88	10.09	3.59	2.46	4.45E-03	0.28	8.18E-01	-1.00	5.31E-01	EGA2-1
ENSMMUG00000017760	PIMREG	PICALM Interacting Mitotic Regulator	0.01	0.96	1.05	0.27	5.43	5.89E-03	-1.76	4.35E-01	-1.16	8.10E-01	EGA2-1
ENSMMUG00000003788			1.26	5.18	4.28	2.25	2.03	5.46E-03	-0.49	5.95E-01	-0.11	9.69E-01	EGA2-1
ENSMMUG00000010543	PHF23	PHD Finger Protein 23	4.77	21.56	6.73	4.99	2.01	2.28E-02	-1.64	6.82E-02	0.13	9.68E-01	EGA2-1
ENSMMUG00000010551	CLDN7	Claudin 7	0.01	0.62	2.27	13.16	4.61	2.10E-02	0.64	8.04E-01	1.86	5.99E-01	EGA2-1
ENSMMUG00000006206	EIF5A	Eukaryotic Translation Initiation Factor 5A	3.14	15.48	14.19	14.78	2.20	2.92E-04	-0.35	6.69E-01	0.26	8.84E-01	EGA2-1
ENSMMUG00000043527	GPS2	G Protein Pathway Suppressor 2	0.15	1.45	3.09	2.00	3.71	1.46E-04	1.16	3.15E-01	0.19	9.60E-01	EGA2-1
ENSMMUG00000030346			73.23	310.33	418.69	414.53	1.93	1.32E-04	0.73	2.10E-01	-0.27	8.37E-01	EGA2-1
ENSMMUG00000009709			0.06	1.89	0.52	1.56	7.55	4.22E-04	-2.41	3.18E-01	4.14	1.99E-01	EGA2-1
ENSMMUG00000013499	LOC695050	Eukaryotic Initiation Factor 4A-I	10.13	160.11	134.21	130.03	4.12	9.74E-23	-0.20	7.64E-01	0.06	9.73E-01	EGA2-1
ENSMMUG00000013536	PFAS	Phosphoribosylformylglycinamide Synthase	0.51	2.71	4.57	5.47	2.59	5.29E-03	-0.07	9.62E-01	1.91	1.51E-01	EGA2-1
ENSMMUG00000013540	RANGRF	RAN Guanine Nucleotide Release Factor	1.81	16.29	8.75	4.77	3.18	1.28E-02	-1.89	1.68E-01	0.05	9.92E-01	EGA2-1
ENSMMUG00000013544	SLC25A35	Solute Carrier Family 25 Member 35	0.19	3.62	1.81	0.98	5.22	2.50E-03	-1.93	3.28E-01	-1.55	6.59E-01	EGA2-1
ENSMMUG00000036288	MIR762-2	MicroRNA 762-2	0.03	5.01	1.09	2.17	9.94	1.49E-02	-7.12	9.25E-02	3.55	6.67E-01	EGA2-1
ENSMMUG00000019283			41.02	177.56	307.55	312.59	2.10	1.13E-06	0.87	7.15E-02	0.17	9.01E-01	EGA2-1
ENSMMUG00000047718	LRRC75A	Leucine Rich Repeat Containing 75A	0.58	8.85	8.17	9.50	4.02	2.21E-11	-0.44	5.90E-01	0.66	6.07E-01	EGA2-1
ENSMMUG00000030296	PIGL	Phosphatidylinositol Glycan Anchor Biosynthesis Class L	0.14	1.89	0.24	1.14	4.94	1.04E-02	-3.10	1.07E-01	3.98	1.20E-01	EGA2-1
ENSMMUG00000018359	MIEF2	Mitochondrial Elongation Factor 2	0.09	0.58	1.05	1.29	3.82	4.62E-02	1.38	5.33E-01	1.62	6.68E-01	EGA2-1
ENSMMUG00000005325	SLC5A10	Solute Carrier Family 5 Member 10	0.03	2.49	3.74	0.63	8.18	2.93E-14	-0.35	8.13E-01	-0.73	7.69E-01	EGA2-1
ENSMMUG00000001328	ALDH3A1	Aldehyde Dehydrogenase 3 Family Member A1	0.00	0.20	1.18	0.01	27.11	2.52E-23	0.71	8.67E-01	-0.67	9.47E-01	EGA2-1
ENSMMUG00000021156	ULK2	Unc-51 Like Autophagy Activating Kinase 2	6.40	20.76	14.11	7.15	1.50	2.02E-02	-0.63	3.90E-01	-0.87	4.18E-01	EGA2-1
ENSMMUG00000021593			32.74	134.17	206.34	130.65	2.23	5.68E-10	0.60	1.55E-01	-0.65	2.85E-01	EGA2-1
ENSMMUG00000040830			0.08	2.38	0.66	0.45	5.50	3.70E-02	-3.67	1.73E-01	2.60	5.94E-01	EGA2-1
ENSMMUG00000020226			3.59	45.69	38.71	49.59	3.76	1.42E-08	-0.22	8.29E-01	0.43	8.04E-01	EGA2-1
ENSMMUG00000019151	SLC46A1	Solute Carrier Family 46 Member 1	0.08	1.19	1.02	0.54	4.83	1.84E-03	-0.66	7.54E-01	1.97	4.76E-01	EGA2-1

ENSMMUG00000012240	PIGS	Phosphatidylinositol Glycan Anchor Biosynthesis Class S	2.38	9.48	5.37	8.18	2.55	2.76E-03	-0.91	3.60E-01	0.53	7.96E-01	EGA2-1
ENSMMUG00000023411	SGK494	Putative Serine/threonine protein Kinase Sgk494	0.23	1.89	6.65	7.15	3.44	1.94E-02	1.30	4.42E-01	1.85	4.57E-01	EGA2-1
ENSMMUG00000023413	SDF2	Stromal Cell Derived Factor 2	1.83	11.05	5.58	4.52	2.03	2.44E-02	-0.07	9.62E-01	-0.47	8.29E-01	EGA2-1
ENSMMUG00000018010	LOC706606	60S Ribosomal Protein L23a-like	230.72	971.59	860.39	780.77	2.09	4.33E-09	-0.07	9.03E-01	-0.23	8.04E-01	EGA2-1
ENSMMUG00000021407	TRAF4	TNF Receptor Associated Factor 4	0.14	4.23	5.10	7.94	6.06	1.38E-08	-0.89	5.02E-01	1.80	3.04E-01	EGA2-1
ENSMMUG00000009069	CRLF3	Cytokine Receptor Like Factor 3	1.42	48.71	13.85	13.00	4.61	2.05E-10	-1.20	1.61E-01	-0.21	9.32E-01	EGA2-1
ENSMMUG00000009077	ADAP2	ArfGAP With Dual PH Domains 2	0.04	5.74	6.92	4.01	9.95	1.39E-08	0.32	8.97E-01	-0.52	9.17E-01	EGA2-1
ENSMMUG00000015027	LOC100425072	40S Ribosomal Protein S27-like	29.67	141.20	202.01	202.83	2.24	1.11E-05	0.24	7.39E-01	0.25	8.58E-01	EGA2-1
ENSMMUG00000020401	COPRS	Coordinator Of PRMT5 And Differentiation Stimulator	0.25	2.75	5.67	5.65	3.07	4.92E-04	1.20	2.31E-01	-0.10	9.76E-01	EGA2-1
ENSMMUG00000020403	UTP6	UTP6, Small Subunit Processome Component	0.65	15.75	21.96	8.16	4.51	2.29E-09	0.51	6.26E-01	-0.60	7.47E-01	EGA2-1
ENSMMUG00000027249	MIR632	MicroRNA 632	22.00	50.53	55.18	36.50	1.32	3.76E-02	0.32	6.93E-01	-1.02	2.96E-01	EGA2-1
ENSMMUG00000016875	ZNF207	Zinc Finger Protein 207	27.77	64.08	57.53	36.84	1.05	1.31E-03	0.09	8.46E-01	-0.55	2.92E-01	EGA2-1
ENSMMUG00000043217			0.00	0.33	5.53	6.44	24.39	6.03E-08	-0.42	9.56E-01	5.96	4.88E-01	EGA2-1
ENSMMUG00000004725	SRSF1	Serine And Arginine Rich Splicing Factor 1	41.91	118.38	70.73	74.91	1.25	2.74E-02	-0.88	1.34E-01	0.19	9.03E-01	EGA2-1
ENSMMUG00000041784			17.92	80.05	34.73	44.03	2.38	4.06E-05	-0.79	2.50E-01	0.44	7.54E-01	EGA2-1
ENSMMUG00000001913	MRPS23	Mitochondrial Ribosomal Protein S23	19.52	85.33	75.70	31.58	1.75	4.53E-02	0.50	6.40E-01	-1.34	3.12E-01	EGA2-1
ENSMMUG00000044447			0.25	1.99	1.65	0.40	3.36	6.43E-03	-0.88	5.66E-01	-1.28	5.95E-01	EGA2-1
ENSMMUG00000010548	COX11	COX11 Homolog, Cytochrome C Oxidase Assembly Protein	0.63	3.10	9.48	6.43	2.23	2.76E-02	1.35	2.13E-01	-0.06	9.86E-01	EGA2-1
ENSMMUG00000001940	NME1	Non-metastatic Cells 1, Protein (NM23A) Expressed In	0.91	10.04	19.62	19.53	3.34	3.60E-06	1.46	6.81E-02	-0.26	9.06E-01	EGA2-1
ENSMMUG00000022528	SPAG9	Sperm Associated Antigen 9	4.94	14.46	21.19	21.61	1.51	1.79E-04	0.29	5.84E-01	0.09	9.52E-01	EGA2-1
ENSMMUG00000010117	LUC7L3	LUC7 Like 3 Pre-mRNA Splicing Factor	26.26	90.34	107.35	53.74	1.62	6.20E-06	0.31	4.99E-01	-0.74	1.89E-01	EGA2-1
ENSMMUG00000001469	TMEM92	Transmembrane Protein 92	0.01	19.89	12.78	1.68	11.64	5.11E-13	-1.18	5.14E-01	-2.29	3.61E-01	EGA2-1
ENSMMUG00000021087	SNF8	SNF8, ESCRT-II Complex Subunit	3.23	36.73	27.74	31.95	3.58	3.40E-08	0.03	9.77E-01	-0.12	9.64E-01	EGA2-1
ENSMMUG00000016305	LOC106992303	40S Ribosomal Protein S15a Pseudogene	45.95	210.55	349.80	216.70	2.39	1.94E-12	0.72	6.30E-02	-0.71	2.02E-01	EGA2-1
ENSMMUG00000019760	KPNB1	Karyopherin Subunit Beta 1	27.68	77.06	76.79	101.68	1.41	3.49E-04	0.31	5.37E-01	0.02	9.91E-01	EGA2-1
ENSMMUG00000013378	EPOP	Elongin BC And Polycomb Repressive Complex 2 Associated Protein	0.15	6.28	3.03	0.56	5.41	1.64E-03	-1.69	3.97E-01	-1.23	7.53E-01	EGA2-1
ENSMMUG00000012363	PSMB3	Proteasome Subunit Beta 3	5.57	27.11	18.52	18.32	2.26	3.05E-02	-0.97	4.17E-01	0.12	9.74E-01	EGA2-1
ENSMMUG00000009132	MED1	Mediator Complex Subunit 1	3.06	22.46	14.09	11.66	2.90	2.71E-11	-0.54	3.25E-01	-0.03	9.86E-01	EGA2-1
ENSMMUG00000001347	PGAP3	Post-GPI Attachment To Proteins 3	0.04	0.48	1.42	0.59	5.10	1.24E-02	1.37	5.67E-01	-0.76	8.88E-01	EGA2-1
ENSMMUG00000002926	MED24	Mediator Complex Subunit 24	1.14	3.53	3.67	5.81	1.72	2.38E-02	0.62	4.89E-01	0.53	7.51E-01	EGA2-1
ENSMMUG00000002933	NR1D1	Nuclear Receptor Subfamily 1 Group D Member 1	1.52	2.62	1.78	0.49	3.46	1.84E-02	0.18	9.38E-01	-2.38	2.97E-01	EGA2-1

ENSMMUG00000008941	TOP2A	DNA Topoisomerase II Alpha	21.23	48.75	44.52	70.60	1.09	2.84E-02	-0.07	9.24E-01	0.67	4.15E-01	EGA2-1
ENSMMUG00000001500	KRT10	Keratin 10	0.33	6.81	1.41	0.99	4.60	3.62E-04	-2.53	6.93E-02	-0.09	9.86E-01	EGA2-1
ENSMMUG000000049151	EIF1	Eukaryotic Translation Initiation Factor 1	76.74	347.16	268.12	103.41	2.22	5.75E-05	-0.59	3.86E-01	-1.22	1.38E-01	EGA2-1
ENSMMUG000000016118	DNAJC7	DnaJ Heat Shock Protein Family (Hsp40) Member C7	22.70	79.08	78.06	53.85	1.92	2.56E-05	-0.18	7.85E-01	-0.31	7.80E-01	EGA2-1
ENSMMUG000000014123	AARSD1	Alanyl-tRNA Synthetase Domain Containing 1	1.18	5.94	5.08	3.39	2.66	2.59E-03	-0.74	4.96E-01	-0.55	7.97E-01	EGA2-1
ENSMMUG000000029945	CD300LG	CD300 Molecule Like Family Member G	17.37	102.59	179.19	186.37	2.75	1.85E-05	0.97	1.90E-01	0.68	6.08E-01	EGA2-1
ENSMMUG00000006804	LSM12	LSM12 Homolog	22.36	87.35	67.91	51.10	1.85	1.11E-05	-0.31	5.74E-01	0.08	9.62E-01	EGA2-1
ENSMMUG000000019923	ATXN7L3	Ataxin 7 Like 3	0.27	3.05	3.24	8.51	4.26	4.13E-05	0.27	8.63E-01	0.89	7.02E-01	EGA2-1
ENSMMUG000000048920			19.07	49.72	31.46	21.67	1.68	1.48E-03	-0.98	8.31E-02	-0.69	4.74E-01	EGA2-1
ENSMMUG00000001572	PTRH2	Peptidyl-tRNA Hydrolase 2	6.56	18.64	15.95	9.86	1.71	4.93E-02	-0.60	5.57E-01	-0.89	5.67E-01	EGA2-1
ENSMMUG000000007671	HEATR6	HEAT Repeat Containing 6	0.50	6.82	9.06	5.97	3.28	1.03E-05	1.14	1.86E-01	-0.93	5.16E-01	EGA2-1
ENSMMUG000000009802	METTL2A	Methyltransferase Like 2A	2.35	13.04	16.95	10.48	2.30	1.73E-03	0.75	3.91E-01	-0.18	9.45E-01	EGA2-1
ENSMMUG000000016761	CCDC47	Coiled-coil Domain Containing 47	3.89	8.99	15.20	16.31	1.20	3.93E-02	0.67	2.86E-01	0.25	8.67E-01	EGA2-1
ENSMMUG000000016768	FTSJ3	FtsJ RNA Methyltransferase Homolog 3	10.89	41.55	39.43	20.20	2.32	6.53E-06	-0.77	2.00E-01	-0.14	9.41E-01	EGA2-1
ENSMMUG000000009463	DDX5	DEAD-box Helicase 5	25.77	62.94	50.51	51.65	1.29	1.51E-04	-0.10	8.44E-01	-0.26	7.43E-01	EGA2-1
ENSMMUG000000044760			3.17	17.41	12.02	21.18	3.81	2.91E-03	-1.40	3.38E-01	1.33	5.95E-01	EGA2-1
ENSMMUG000000002132	PSMD12	Proteasome 26S Subunit, Non-ATPase 12	23.28	78.90	92.34	68.59	1.56	1.45E-04	0.17	7.75E-01	0.30	7.59E-01	EGA2-1
ENSMMUG000000002414	NOL11	Nucleolar Protein 11	0.60	22.30	34.40	20.98	5.04	4.32E-15	1.01	1.96E-01	-0.54	7.29E-01	EGA2-1
ENSMMUG000000009734	BPTF	Bromodomain PHD Finger Transcription Factor	16.29	40.07	50.34	43.06	1.05	1.49E-02	0.59	2.07E-01	-0.27	7.89E-01	EGA2-1
ENSMMUG000000003076			6.45	19.39	29.79	27.81	1.96	3.76E-06	0.32	5.67E-01	-0.14	9.12E-01	EGA2-1
ENSMMUG000000001269	C16H17orf80	Chromosome 16 Open Reading Frame, Human C17orf80	3.26	18.36	14.65	11.81	2.28	2.48E-03	-0.50	6.04E-01	-0.33	8.71E-01	EGA2-1
ENSMMUG000000005733	RAB37	RAB37, Member RAS Oncogene Family	0.00	0.06	1.40	1.26	4.32	3.46E-02	2.78	1.42E-01	1.97	5.51E-01	EGA2-1
ENSMMUG000000011644	MRPL58	Mitochondrial Ribosomal Protein L58	0.40	11.34	12.29	16.11	5.21	1.34E-11	0.39	7.27E-01	0.29	9.02E-01	EGA2-1
ENSMMUG000000004756	GRB2	Growth Factor Receptor Bound Protein 2	1.95	16.27	15.57	21.52	2.92	6.17E-04	-0.12	9.31E-01	0.55	7.91E-01	EGA2-1
ENSMMUG000000016775	FBF1	Fas Binding Factor 1	0.03	0.49	0.75	1.22	5.08	9.04E-04	1.71	2.90E-01	-1.57	5.61E-01	EGA2-1
ENSMMUG000000022413	SRSF2	Serine And Arginine Rich Splicing Factor 2	0.95	14.11	13.97	13.46	4.25	4.24E-04	-1.05	4.82E-01	-0.70	8.17E-01	EGA2-1
ENSMMUG000000021864	SYNGR2	Synaptogyrin 2	2.67	12.12	16.83	5.36	2.95	1.96E-03	0.13	9.32E-01	-1.63	2.78E-01	EGA2-1
ENSMMUG000000021867	TK1	Thymidine Kinase 1	2.02	7.25	5.04	2.87	2.27	4.70E-02	-1.35	2.77E-01	-1.50	4.26E-01	EGA2-1
ENSMMUG000000001586	NPLOC4	NPL4 Homolog, Ubiquitin Recognition Factor	0.67	2.34	4.94	6.65	2.14	3.93E-02	1.15	3.12E-01	0.62	7.94E-01	EGA2-1
ENSMMUG000000012884	ALYREF	Aly/REF Export Factor	14.11	56.67	34.84	36.70	1.88	3.39E-03	-0.99	1.59E-01	-0.11	9.65E-01	EGA2-1
ENSMMUG000000029310	HBA	Hemoglobin, Alpha 2	0.22	2.36	5.46	2.10	3.95	8.26E-04	-1.05	4.61E-01	1.33	5.55E-01	EGA2-1
ENSMMUG0000000042961	HBA1	Hemoglobin Subunit Alpha 1	0.03	1.25	3.12	0.14	3.68	4.06E-03	-2.56	5.68E-02	0.43	9.12E-01	EGA2-1
ENSMMUG000000000596	LUC7L	LUC7 Like	1.64	7.38	8.14	5.28	1.59	1.06E-02	0.19	8.29E-01	-0.32	8.37E-01	EGA2-1
ENSMMUG0000000022010	RHOT2	Ras Homolog Family Member T2	0.18	1.37	2.52	2.30	3.28	1.47E-02	2.06	1.45E-01	0.27	9.53E-01	EGA2-1
ENSMMUG000000006428	TSR3	TSR3, Acp Transferase Ribosome Maturation Factor	0.13	3.66	1.77	3.26	5.23	8.72E-03	-0.55	8.44E-01	0.76	8.91E-01	EGA2-1



ENSMMUG00000029268	NDUFB10	NADH:ubiquinone Oxidoreductase Subunit B10	1.19	13.42	13.84	22.21	3.38	6.38E-07	-0.01	9.96E-01	-0.20	9.32E-01	EGA2-1
ENSMMUG00000007943	TBL3	Transducin Beta Like 3	0.24	4.68	3.41	3.53	3.93	4.48E-04	0.04	9.84E-01	-0.33	9.25E-01	EGA2-1
ENSMMUG00000002843	RAB26	RAB26, Member RAS Oncogene Family	0.24	4.28	7.86	7.51	5.54	9.55E-09	0.17	9.08E-01	-0.19	9.60E-01	EGA2-1
ENSMMUG000000041036			0.01	0.90	0.17	0.95	7.70	1.72E-02	-1.70	6.81E-01	-0.41	9.72E-01	EGA2-1
ENSMMUG00000018711	NAA60	N(alpha)-acetyltransferase 60, NatF Catalytic Subunit	7.74	29.94	36.83	9.37	1.47	3.53E-02	0.59	4.64E-01	-1.56	8.88E-02	EGA2-1
ENSMMUG00000017973	ZNF263	Zinc Finger Protein 263	0.24	1.95	1.97	0.93	2.62	1.20E-02	-0.16	9.19E-01	-0.98	6.38E-01	EGA2-1
ENSMMUG00000017972	ZNF200	Zinc Finger Protein 200	2.40	14.91	6.28	7.96	2.26	2.31E-02	-0.69	5.66E-01	-0.83	6.85E-01	EGA2-1
ENSMMUG00000004214	PKMYT1	Protein Kinase, Membrane Associated Tyrosine/threonine 1	0.19	2.17	0.66	2.90	4.42	2.49E-03	-2.16	1.81E-01	2.49	2.78E-01	EGA2-1
ENSMMUG000000045123	ELOB	Elongin B	1.72	34.63	38.73	23.10	4.61	2.31E-08	0.19	8.85E-01	-0.51	8.12E-01	EGA2-1
ENSMMUG00000006499	PAM16	Presequence Translocase Associated Motor 16	2.42	9.79	7.92	8.08	2.06	7.14E-03	-0.41	6.81E-01	-0.67	6.70E-01	EGA2-1
ENSMMUG000000039610			0.00	1.76	10.06	1.79	26.14	7.84E-24	4.62	1.15E-01	-1.79	7.85E-01	EGA2-1
ENSMMUG00000011001	ANKS3	Ankyrin Repeat And Sterile Alpha Motif Domain Containing 3	0.20	1.17	1.91	0.84	3.50	6.80E-03	-0.47	7.95E-01	0.62	8.52E-01	EGA2-1
ENSMMUG000000029237			68.13	214.58	179.70	187.97	1.77	1.95E-05	-0.34	5.20E-01	-0.06	9.72E-01	EGA2-1
ENSMMUG000000004059			4.93	18.58	14.42	5.43	1.91	4.63E-04	-0.31	6.80E-01	-1.27	1.01E-01	EGA2-1
ENSMMUG00000010953	PRM2	Protamine 2	0.01	4.93	0.95	0.05	7.64	2.17E-02	-2.67	4.83E-01	-3.81	5.18E-01	EGA2-1
ENSMMUG000000021520			0.03	2.65	0.41	1.62	5.98	2.17E-02	-2.76	3.32E-01	1.76	7.55E-01	EGA2-1
ENSMMUG000000002991	RRN3	RRN3 Homolog, RNA Polymerase I Transcription Factor	2.15	10.73	3.18	2.69	1.91	3.23E-02	-1.20	2.08E-01	-0.19	9.49E-01	EGA2-1
ENSMMUG00000018035	MARF1	Meiosis Regulator And MRNA Stability Factor 1	2.11	14.81	15.17	9.94	2.77	3.14E-09	-0.04	9.58E-01	-0.41	7.07E-01	EGA2-1
ENSMMUG000000005593			55.70	165.82	171.42	121.94	1.59	1.01E-06	-0.15	7.47E-01	-0.44	4.75E-01	EGA2-1
ENSMMUG00000016746	ERI2	ERI1 Exoribonuclease Family Member 2	1.54	5.66	10.76	16.36	2.00	1.08E-02	0.65	4.91E-01	0.79	6.01E-01	EGA2-1
ENSMMUG00000016748	REXO5	RNA Exonuclease 5	0.10	2.89	1.29	2.58	4.28	1.84E-03	-1.25	4.52E-01	0.93	7.74E-01	EGA2-1
ENSMMUG00000020521	GGA2	Golgi Associated, Gamma Adaptin Ear Containing, ARF Binding Protein 2	3.26	8.58	7.90	21.02	1.97	2.99E-02	-0.79	4.50E-01	1.82	1.44E-01	EGA2-1
ENSMMUG00000017305	DCTN5	Dynactin Subunit 5	4.74	13.84	11.03	11.19	1.47	2.70E-02	-0.36	6.66E-01	0.46	7.51E-01	EGA2-1
ENSMMUG00000015908	RBBP6	RB Binding Protein 6, Ubiquitin Ligase	2.02	56.88	75.82	36.86	4.96	3.36E-20	0.59	4.05E-01	-0.94	3.31E-01	EGA2-1
ENSMMUG000000005139			616.21	1649.74	1572.21	979.76	1.30	1.69E-05	-0.09	8.53E-01	-0.46	3.86E-01	EGA2-1
ENSMMUG000000008254	GTF3C1	General Transcription Factor IIIC Subunit 1	6.96	27.73	28.47	15.07	2.10	2.15E-03	-0.27	7.77E-01	-0.64	6.53E-01	EGA2-1
ENSMMUG000000003303	TUFM	Tu Translation Elongation Factor, Mitochondrial	1.17	8.60	10.92	17.31	2.89	3.00E-05	0.66	4.51E-01	0.80	5.60E-01	EGA2-1
ENSMMUG000000000983	ALDOA	Aldolase, Fructose-bisphosphate A	4.44	33.67	38.46	40.26	3.06	1.46E-06	0.17	8.64E-01	-0.37	8.26E-01	EGA2-1
ENSMMUG000000000700	CLN3	CLN3, Battenin	0.44	6.56	2.45	3.88	3.77	1.29E-04	-1.85	8.64E-02	1.22	5.13E-01	EGA2-1
ENSMMUG00000011798	LOC705696	Eukaryotic Translation Initiation Factor 3 Subunit C	13.97	45.82	37.25	37.19	1.55	2.15E-05	-0.01	9.86E-01	-0.57	3.72E-01	EGA2-1
ENSMMUG000000021210	C20H16orf54	Chromosome 20 Open Reading Frame, Human C16orf54	0.02	0.83	5.34	1.01	4.60	5.88E-03	2.93	8.70E-02	-2.26	4.22E-01	EGA2-1
ENSMMUG000000021844	CD2BP2	CD2 Cytoplasmic Tail Binding Protein 2	0.79	4.30	3.69	4.25	2.34	6.00E-03	-0.30	8.05E-01	-0.11	9.73E-01	EGA2-1
ENSMMUG000000029159	ZNF48	Zinc Finger Protein 48	0.06	2.23	0.58	1.68	6.53	3.04E-06	-2.38	1.24E-01	1.43	6.23E-01	EGA2-1
ENSMMUG000000041420	DCTPP1	DCTP Pyrophosphatase 1	2.92	7.96	11.04	4.35	1.64	4.11E-02	0.23	8.39E-01	-0.17	9.48E-01	EGA2-1
ENSMMUG00000018986	SEZ6L2	Seizure Related 6 Homolog Like 2	0.08	0.85	0.58	0.32	4.99	9.26E-03	-0.95	6.99E-01	-0.30	9.65E-01	EGA2-1
ENSMMUG00000010556	SRCAP	Snf2 Related CREBBP Activator Protein	13.84	31.02	27.28	26.29	1.07	1.66E-03	-0.05	9.25E-01	-0.32	6.53E-01	EGA2-1

ENSMMUG0000003233	SETD1A	SET Domain Containing 1A	2.90	10.49	12.20	4.32	1.81	1.80E-03	-0.19	8.24E-01	-0.68	5.28E-01	EGA2-1
ENSMMUG0000003236	STX1B	Syntaxin 1B	0.09	2.32	1.48	1.01	3.75	5.17E-03	-0.40	8.34E-01	0.17	9.73E-01	EGA2-1
ENSMMUG00000019637	FUS	FUS RNA Binding Protein	45.58	133.22	87.49	82.23	1.52	1.41E-04	-0.49	2.94E-01	-0.11	9.31E-01	EGA2-1
ENSMMUG0000002417			0.88	4.40	13.46	14.96	2.45	2.11E-02	1.21	3.00E-01	0.00	9.99E-01	EGA2-1
ENSMMUG00000048906	LOC716072	Zinc Finger Protein 91-like	3.83	13.96	20.23	9.54	2.02	3.79E-03	0.37	6.95E-01	-0.24	9.08E-01	EGA2-1
ENSMMUG00000008365	CNEP1R1	CTD Nuclear Envelope Phosphatase 1 Regulatory Subunit 1	0.03	31.46	7.37	5.34	8.82	1.44E-08	-2.32	1.62E-01	2.41	3.49E-01	EGA2-1
ENSMMUG00000020065	HEATR3	HEAT Repeat Containing 3	1.50	9.07	22.00	11.73	2.57	1.09E-04	1.28	7.71E-02	-0.32	8.61E-01	EGA2-1
ENSMMUG00000041524	LOC694967	40S Ribosomal Protein S27-like	35.19	177.50	269.31	297.12	2.36	4.30E-07	0.44	4.62E-01	0.27	8.28E-01	EGA2-1
ENSMMUG00000022951			155.43	650.95	509.09	421.98	2.05	4.34E-08	-0.33	4.96E-01	-0.22	8.22E-01	EGA2-1
ENSMMUG00000040072	LOC694780	Zinc Finger Protein 676-like	36.85	82.66	94.60	67.99	1.11	9.41E-03	0.26	6.28E-01	-0.63	3.63E-01	EGA2-1
ENSMMUG00000020263	TMEM208	Transmembrane Protein 208	0.41	6.68	11.76	7.65	5.48	7.87E-06	0.98	5.12E-01	-0.55	8.66E-01	EGA2-1
ENSMMUG00000009798	LOC698976	Transcriptional Repressor CTCF	1.08	43.83	36.82	34.74	6.11	1.36E-12	-0.36	7.83E-01	0.27	9.28E-01	EGA2-1
ENSMMUG00000012038	NUTF2	Nuclear Transport Factor 2	15.31	48.94	52.23	67.60	1.31	2.79E-02	0.11	9.02E-01	0.83	3.94E-01	EGA2-1
ENSMMUG00000021846	ESRP2	Epithelial Splicing Regulatory Protein 2	0.27	5.25	7.29	9.97	4.62	2.11E-10	0.53	5.91E-01	-0.25	9.13E-01	EGA2-1
ENSMMUG00000010147	PLA2G15	Phospholipase A2 Group XV	0.03	0.84	0.41	0.79	6.00	2.34E-06	-2.55	6.42E-02	2.10	3.29E-01	EGA2-1
ENSMMUG00000037975	SLC7A6	Solute Carrier Family 7 Member 6	0.90	3.59	2.46	1.10	1.90	1.99E-02	-0.52	6.05E-01	-0.47	8.06E-01	EGA2-1
ENSMMUG00000022177	TANGO6	Transport And Golgi Organization 6 Homolog	0.38	2.84	1.43	1.74	2.73	6.19E-03	-0.50	7.05E-01	0.36	9.00E-01	EGA2-1
ENSMMUG00000016635			1.26	43.65	23.95	7.51	5.75	1.42E-15	-1.54	6.13E-02	-0.71	6.66E-01	EGA2-1
ENSMMUG00000048384	EXOSC6	Exosome Component 6	0.36	6.81	1.65	2.23	4.09	3.00E-02	-2.52	2.18E-01	1.16	8.03E-01	EGA2-1
ENSMMUG00000039514			69.68	181.15	169.28	174.49	1.36	1.09E-02	-0.15	8.45E-01	-0.25	8.58E-01	EGA2-1
ENSMMUG00000012007	PHLPP2	PH Domain And Leucine Rich Repeat Protein Phosphatase 2	0.44	3.08	3.62	6.82	2.49	1.65E-02	0.55	6.79E-01	0.77	7.32E-01	EGA2-1
ENSMMUG00000023312	DHODH	Dihydroorotate Dehydrogenase (quinone)	1.00	6.40	6.05	2.60	2.50	2.41E-02	0.10	9.55E-01	-0.20	9.59E-01	EGA2-1
ENSMMUG00000043907			0.01	0.39	1.77	0.27	5.56	3.26E-04	1.49	3.99E-01	-2.35	3.37E-01	EGA2-1
ENSMMUG00000017610	FBXO31	F-box Protein 31	0.32	3.16	3.31	1.76	3.63	8.26E-04	0.02	9.92E-01	-0.97	6.79E-01	EGA2-1
ENSMMUG00000002503	CDK10	Cyclin Dependent Kinase 10	0.08	0.52	0.72	0.89	2.23	2.89E-02	0.57	6.53E-01	0.98	6.10E-01	EGA2-1
ENSMMUG00000002505	VPS9D1	VPS9 Domain Containing 1	0.11	1.07	0.18	0.51	3.87	4.78E-02	-3.02	1.39E-01	2.78	4.10E-01	EGA2-1
ENSMMUG00000029059	TUBB3	Tubulin Beta 3 Class III	0.10	7.91	15.67	8.58	6.06	1.85E-13	1.08	2.86E-01	-1.03	5.31E-01	EGA2-1
ENSMMUG00000000212			0.20	3.51	2.93	3.88	4.46	8.17E-04	-0.31	8.76E-01	0.22	9.64E-01	EGA2-1
ENSMMUG00000005086	TGIF1	TGFB Induced Factor Homeobox 1	0.54	4.80	8.62	9.01	2.29	1.96E-03	1.26	1.13E-01	-0.69	6.51E-01	EGA2-1
ENSMMUG00000005461	SMCHD1	Structural Maintenance Of Chromosomes Flexible Hinge Domain Containing 1	1.15	8.95	14.22	13.51	2.59	2.89E-05	1.18	8.54E-02	0.11	9.64E-01	EGA2-1
ENSMMUG00000004656	ROCK1	Rho Associated Coiled-coil Containing Protein Kinase 1	3.74	10.29	17.26	14.84	1.25	5.22E-03	0.79	9.47E-02	-0.42	6.47E-01	EGA2-1
ENSMMUG00000012849	RNF138	Ring Finger Protein 138	0.72	9.86	13.59	7.40	3.56	2.68E-10	0.70	3.18E-01	-0.97	3.25E-01	EGA2-1
ENSMMUG00000018782	C18H18orf21	Chromosome 18 Open Reading Frame, Human C18orf21	12.90	55.78	26.95	13.09	1.81	4.00E-02	-0.45	6.88E-01	-0.79	6.49E-01	EGA2-1
ENSMMUG000000039405			25.13	137.27	219.88	218.85	2.75	3.85E-05	0.64	4.48E-01	0.96	4.26E-01	EGA2-1
ENSMMUG000000032537			0.46	1.45	1.70	1.89	2.35	4.20E-02	-0.33	8.36E-01	0.39	9.02E-01	EGA2-1
ENSMMUG00000038584	CAPNS1	Calpain Small Subunit 1	20.61	61.55	134.42	220.71	1.36	3.17E-02	1.20	5.81E-02	0.68	5.53E-01	EGA2-1
ENSMMUG00000009051	CXXC1	CXXC Finger Protein 1	1.49	6.19	4.79	3.56	2.19	1.82E-03	-0.59	4.92E-01	0.30	8.78E-01	EGA2-1

ENSMMUG00000017288			0.20	3.68	4.33	3.26	3.96	8.54E-05	0.08	9.62E-01	0.84	7.06E-01	EGA2-1
ENSMMUG00000017289			83.56	249.17	279.70	179.84	1.41	2.20E-03	0.19	7.70E-01	-0.54	5.28E-01	EGA2-1
ENSMMUG00000023652	MEX3C	Mex-3 RNA Binding Family Member C	4.26	14.84	18.30	14.22	1.34	3.62E-03	0.78	1.14E-01	-0.35	7.37E-01	EGA2-1
ENSMMUG00000032513	LOC698225	Cytochrome C-like	9.99	46.01	61.48	33.25	2.42	4.44E-05	0.35	6.63E-01	-0.44	7.54E-01	EGA2-1
ENSMMUG00000042864	DSEL	Dermatan Sulfate Epimerase-like	0.20	1.03	2.45	0.92	2.34	2.10E-02	-0.02	9.89E-01	-1.73	2.48E-01	EGA2-1
ENSMMUG00000032503			0.56	16.76	11.15	6.03	4.14	2.90E-03	1.23	4.51E-01	-1.33	6.30E-01	EGA2-1
ENSMMUG00000032487			33.98	89.04	120.93	137.16	1.28	2.89E-03	0.62	1.92E-01	-0.19	8.72E-01	EGA2-1
ENSMMUG00000013710	ADNP2	ADNP Homeobox 2	1.10	10.21	12.37	4.79	3.72	1.31E-06	-0.12	9.26E-01	-0.36	8.71E-01	EGA2-1
ENSMMUG00000018740	BSG	Basigin (Ok Blood Group)	29.53	107.49	118.17	67.53	1.94	6.43E-03	-0.10	9.30E-01	-0.65	6.52E-01	EGA2-1
ENSMMUG00000016450	PTBP1	Polypyrimidine Tract Binding Protein 1	50.02	99.89	80.17	77.35	0.85	3.81E-02	-0.21	6.83E-01	0.10	9.36E-01	EGA2-1
ENSMMUG00000030350	RPS15	Ribosomal Protein S15	3.45	13.80	16.91	16.38	2.16	2.08E-07	0.24	6.91E-01	-0.10	9.49E-01	EGA2-1
ENSMMUG00000030360			0.59	4.66	4.25	5.18	2.68	5.93E-03	-0.35	7.99E-01	0.84	6.81E-01	EGA2-1
ENSMMUG0000003815	ADAMTSL5	ADAMTS Like 5	0.02	2.32	2.38	1.03	6.27	3.67E-04	-1.78	3.80E-01	1.31	7.39E-01	EGA2-1
ENSMMUG00000010984	MOB3A	MOB Kinase Activator 3A	1.14	11.03	2.41	2.42	3.13	2.16E-02	-2.39	8.82E-02	-0.72	8.28E-01	EGA2-1
ENSMMUG00000017949	OAZ1	Ornithine Decarboxylase Antizyme 1	35.13	156.65	140.99	107.56	2.40	1.01E-04	-0.82	2.58E-01	0.25	8.93E-01	EGA2-1
ENSMMUG00000038861	TIMM13	Translocase Of Inner Mitochondrial Membrane 13	0.62	8.59	10.81	9.34	4.26	1.30E-04	1.46	2.54E-01	0.12	9.77E-01	EGA2-1
ENSMMUG00000047088	ZNF57	Zinc Finger Protein 57	3.57	7.33	9.47	7.71	2.67	6.14E-05	-0.03	9.78E-01	0.52	7.37E-01	EGA2-1
ENSMMUG00000010100	LOC718892	Coiled-coil Domain-containing Protein 94	0.37	1.40	0.55	0.90	2.44	1.85E-02	-1.71	1.14E-01	-0.07	9.86E-01	EGA2-1
ENSMMUG00000044446	FEM1A	Fem-1 Homolog A	0.17	3.27	2.45	3.54	5.44	1.53E-05	-2.14	1.13E-01	0.16	9.73E-01	EGA2-1
ENSMMUG00000017968	SAFB2	Scaffold Attachment Factor B2	17.56	36.92	20.76	17.76	1.24	1.73E-02	-0.81	1.37E-01	0.04	9.86E-01	EGA2-1
ENSMMUG00000017970	SAFB	Scaffold Attachment Factor B	11.86	48.84	35.79	27.77	1.76	1.52E-04	-0.46	4.17E-01	0.10	9.54E-01	EGA2-1
ENSMMUG00000041188	RPL36	Ribosomal Protein L36	39.45	171.15	270.31	203.48	1.98	3.28E-06	0.87	6.31E-02	-0.63	4.13E-01	EGA2-1
ENSMMUG00000031027			0.70	4.46	4.46	3.63	2.93	6.21E-03	0.22	8.87E-01	-1.48	4.20E-01	EGA2-1
ENSMMUG00000016665	NDUFA11	NADH:ubiquinone Oxidoreductase Subunit A11	0.77	5.04	4.25	6.61	2.77	2.50E-03	-0.41	7.41E-01	0.74	7.13E-01	EGA2-1
ENSMMUG00000000054	ALKBH7	AlkB Homolog 7	0.16	1.65	2.26	1.51	4.81	2.04E-05	-0.34	8.34E-01	0.02	9.97E-01	EGA2-1
ENSMMUG00000008697	TRIP10	Thyroid Hormone Receptor Interactor 10	6.58	32.87	13.66	8.18	1.90	1.03E-02	-0.88	2.92E-01	-0.74	6.06E-01	EGA2-1
ENSMMUG00000028907	INSR	Insulin Receptor	0.59	3.03	1.95	2.17	2.18	2.44E-02	0.24	8.62E-01	-0.67	7.58E-01	EGA2-1
ENSMMUG00000046483	LOC100427254	40S Ribosomal Protein S27-like	34.51	169.59	248.77	275.29	2.25	2.94E-06	0.45	4.63E-01	0.18	9.02E-01	EGA2-1
ENSMMUG00000028895	RPS28	Ribosomal Protein S28	15.02	114.85	114.21	71.36	2.78	1.84E-08	0.15	8.45E-01	-0.27	8.46E-01	EGA2-1
ENSMMUG00000018806	HNRNPM	Heterogeneous Nuclear Ribonucleoprotein M	6.16	55.78	52.63	37.70	3.07	1.35E-16	0.09	8.88E-01	-0.11	9.35E-01	EGA2-1
ENSMMUG00000020841	ZNF317	Zinc Finger Protein 317	0.16	3.79	2.55	3.40	4.25	1.66E-04	-0.15	9.34E-01	-0.23	9.56E-01	EGA2-1
ENSMMUG00000018887	ZNF699	Zinc Finger Protein 699	0.09	1.57	1.68	1.54	2.90	1.87E-02	0.29	8.67E-01	0.08	9.86E-01	EGA2-1
ENSMMUG00000018883	ZNF177	Zinc Finger Protein 177	2.48	9.73	6.35	6.97	2.21	2.41E-02	-0.74	5.25E-01	0.58	8.03E-01	EGA2-1
ENSMMUG00000005694	ZNF426	Zinc Finger Protein 426	0.93	3.23	5.41	4.97	1.67	4.45E-02	0.45	6.68E-01	0.06	9.85E-01	EGA2-1
ENSMMUG00000005695	ZNF121	Zinc Finger Protein 121	0.57	38.14	35.37	29.82	5.80	5.29E-22	-0.25	7.89E-01	0.04	9.86E-01	EGA2-1
ENSMMUG00000007875	FBXL12	F-box And Leucine Rich Repeat Protein 12	0.28	3.33	3.35	2.00	3.22	1.16E-02	-1.07	4.78E-01	2.02	3.17E-01	EGA2-1
ENSMMUG00000007877			59.72	302.13	122.45	75.42	2.05	9.78E-03	-1.01	2.50E-01	-0.57	7.51E-01	EGA2-1
ENSMMUG00000017211			1.85	8.68	8.21	3.32	2.56	2.65E-02	-0.25	8.80E-01	-0.95	6.87E-01	EGA2-1
ENSMMUG00000017217	EIF3G	Eukaryotic Translation Initiation Factor 3 Subunit G	2.37	23.10	19.11	12.26	3.56	2.33E-05	-0.68	5.31E-01	0.04	9.92E-01	EGA2-1
ENSMMUG00000014673	ILF3	Interleukin Enhancer Binding Factor 3	24.50	56.09	39.71	28.25	1.29	2.14E-02	-0.55	3.87E-01	-0.11	9.58E-01	EGA2-1
ENSMMUG00000014677	DNM2	Dynamain 2	3.31	8.56	12.64	12.03	1.53	3.82E-02	0.28	7.78E-01	0.25	9.02E-01	EGA2-1
ENSMMUG00000047218	LOC716974	Zinc Finger Protein 440	0.33	3.42	1.73	4.19	3.69	1.32E-08	-1.19	1.12E-01	1.61	9.62E-02	EGA2-1
ENSMMUG00000012587	LOC717123	Zinc Finger Protein 700	1.48	6.14	5.55	6.86	1.76	2.54E-02	0.06	9.60E-01	-0.26	9.04E-01	EGA2-1
ENSMMUG00000005859			0.09	1.53	0.55	0.84	3.85	6.37E-03	-1.59	3.21E-01	1.38	6.24E-01	EGA2-1
ENSMMUG00000013571			0.31	22.34	11.13	12.87	6.80	6.76E-11	-1.36	2.88E-01	0.92	7.06E-01	EGA2-1
ENSMMUG00000016862	ZNF791	Zinc Finger Protein 791	0.14	2.43	2.17	2.04	3.69	8.43E-04	0.79	5.68E-01	0.07	9.86E-01	EGA2-1

ENSMMUG00000016869	DHPS	Deoxyhypusine Synthase	0.67	3.36	1.04	1.97	2.31	6.16E-03	-1.47	9.92E-02	0.56	7.79E-01	EGA2-1
ENSMMUG00000006275	ASNA1	ArsA Arsenite Transporter, ATP-binding, Homolog 1 (bacterial)	1.33	32.12	56.87	36.55	4.62	2.50E-08	0.53	6.46E-01	0.05	9.87E-01	EGA2-1
ENSMMUG00000005690	RNASEH2A	Ribonuclease H2 Subunit A	1.90	5.15	5.25	5.94	1.96	2.26E-02	-0.50	6.45E-01	0.03	9.92E-01	EGA2-1
ENSMMUG00000048033	C19H19orf53	Chromosome 19 Open Reading Frame, Human C19orf53	0.79	5.10	4.55	2.04	3.35	1.93E-04	-0.76	5.01E-01	-0.94	6.12E-01	EGA2-1
ENSMMUG00000005723	DDX39A	DExD-box Helicase 39A	3.85	20.22	17.34	12.10	2.66	3.19E-07	-0.64	3.21E-01	-0.26	8.57E-01	EGA2-1
ENSMMUG00000017984	AKAP8	A-kinase Anchoring Protein 8	10.60	25.96	30.17	15.05	1.30	2.03E-02	0.34	6.24E-01	-0.99	2.27E-01	EGA2-1
ENSMMUG00000042837	MED26	Mediator Complex Subunit 26	1.96	14.85	13.79	4.25	2.52	2.91E-03	-1.68	5.81E-02	0.40	8.57E-01	EGA2-1
ENSMMUG00000023403	GTPBP3	GTP Binding Protein 3, Mitochondrial	0.03	7.69	3.44	0.73	7.37	1.62E-06	-1.44	4.43E-01	-1.16	7.50E-01	EGA2-1
ENSMMUG00000005830	MVB12A	Multivesicular Body Subunit 12A	0.35	6.14	16.31	6.24	4.31	2.03E-05	2.00	7.08E-02	-2.07	1.85E-01	EGA2-1
ENSMMUG00000028844	RPL18A	Ribosomal Protein L18a	3.61	31.82	32.82	28.06	3.47	2.11E-07	-0.33	7.36E-01	-0.47	7.78E-01	EGA2-1
ENSMMUG00000047873	IFI30	IFI30, Lysosomal Thiol Reductase	0.04	1.06	0.44	0.31	4.75	2.61E-06	-0.79	5.40E-01	-0.23	9.50E-01	EGA2-1
ENSMMUG00000004405	LSM4	LSM4 Homolog, U6 Small Nuclear RNA And MRNA Degradation Associated	0.36	2.34	4.97	7.41	2.78	1.96E-03	1.12	2.70E-01	0.58	7.89E-01	EGA2-1
ENSMMUG00000016085	KXD1	KxDL Motif Containing 1	6.68	26.62	43.14	42.47	1.73	5.99E-05	0.66	1.85E-01	0.32	7.62E-01	EGA2-1
ENSMMUG00000023290	GDF1	Growth Differentiation Factor 1	0.07	0.48	1.48	0.38	5.96	1.54E-02	-1.10	7.24E-01	1.21	8.35E-01	EGA2-1
ENSMMUG00000023293	DDX49	DEAD-box Helicase 49	2.56	10.21	5.31	2.99	1.94	3.32E-02	-1.02	3.09E-01	-0.77	6.74E-01	EGA2-1
ENSMMUG00000028834	SUGP1	SURP And G-patch Domain Containing 1	1.19	7.43	2.26	2.98	2.35	1.47E-03	-1.13	1.67E-01	0.99	4.51E-01	EGA2-1
ENSMMUG00000011351	YJEFN3	YjefN-terminal Domain Containing 3	0.51	4.39	7.26	6.34	3.72	2.59E-03	0.13	9.46E-01	-0.11	9.82E-01	EGA2-1
ENSMMUG00000000654	LPAR2	Lysophosphatidic Acid Receptor 2	0.05	1.14	8.29	2.45	3.77	2.49E-02	2.95	7.91E-02	-1.96	4.94E-01	EGA2-1
ENSMMUG00000040352	LOC100429350	Zinc Finger Protein 506-like	6.41	83.05	35.55	34.35	3.16	3.39E-07	-1.21	8.23E-02	0.37	8.20E-01	EGA2-1
ENSMMUG00000046766	LOC720437	Zinc Finger Protein 85	5.15	29.41	30.48	23.49	2.48	2.90E-08	0.32	6.05E-01	-0.53	5.55E-01	EGA2-1
ENSMMUG00000039728	ZNF430	Zinc Finger Protein 430	3.67	9.62	7.80	11.06	1.08	1.95E-02	0.36	5.12E-01	0.11	9.42E-01	EGA2-1
ENSMMUG00000031426	LOC719947	40S Ribosomal Protein S25 Pseudogene	242.40	646.22	792.02	544.73	1.27	1.95E-03	0.33	5.24E-01	-0.47	5.43E-01	EGA2-1
ENSMMUG00000028809	LOC693665	Zinc Finger Protein 429	3.59	22.81	18.61	13.63	2.14	2.24E-04	0.07	9.43E-01	-0.03	9.88E-01	EGA2-1
ENSMMUG00000003686	LOC693860	Zinc Finger Protein 100-like	9.60	32.54	46.65	30.38	1.82	2.33E-04	0.65	2.60E-01	-0.32	7.91E-01	EGA2-1
ENSMMUG00000040273	LOC694388	Zinc Finger Protein 257	8.00	51.33	49.29	25.52	2.65	2.40E-09	-0.19	7.79E-01	-0.82	2.68E-01	EGA2-1
ENSMMUG00000038095	LOC694258	Putative Zinc Finger Protein 724	1.40	4.80	3.43	2.89	1.96	3.29E-03	-0.84	2.68E-01	0.36	8.33E-01	EGA2-1
ENSMMUG00000038943	LOC695478	Zinc Finger Protein 729-like	2.31	12.00	29.98	20.05	2.58	1.63E-04	1.25	9.76E-02	-0.55	7.28E-01	EGA2-1
ENSMMUG00000044776	LOC695938	Zinc Finger Protein 492	6.29	18.16	19.00	16.07	1.33	2.00E-02	0.63	3.30E-01	-0.55	6.17E-01	EGA2-1
ENSMMUG00000043871	LOC696068	40S Ribosomal Protein S27-like	6.91	33.90	61.55	48.82	2.39	6.25E-06	0.86	1.54E-01	-0.01	9.97E-01	EGA2-1
ENSMMUG00000003688	ZNF91	Zinc Finger Protein 91	4.43	11.77	9.93	8.24	1.40	7.60E-04	-0.06	9.29E-01	-0.11	9.40E-01	EGA2-1
ENSMMUG00000037794	LOC698907	Putative Zinc Finger Protein 724	11.47	53.39	65.50	27.87	2.01	1.80E-03	0.31	7.22E-01	-0.59	6.66E-01	EGA2-1
ENSMMUG000000021614	LSM14A	LSM14A, MRNA Processing Body Assembly Factor	13.70	35.93	23.64	22.55	1.30	1.39E-03	-0.62	1.73E-01	0.01	9.96E-01	EGA2-1
ENSMMUG00000039188	ZNF30	Zinc Finger Protein 30	0.20	2.30	2.28	0.71	5.50	2.92E-07	-1.78	1.45E-01	1.07	6.42E-01	EGA2-1
ENSMMUG00000004843	SCN1B	Sodium Voltage-gated Channel Beta Subunit 1	0.03	1.03	0.34	0.87	4.79	2.63E-03	-0.99	6.02E-01	3.92	5.01E-02	EGA2-1

ENSMMUG0000000837	GAPDHS	Glyceraldehyde-3-phosphate Dehydrogenase, Spermatogenic	0.05	1.66	3.98	2.89	4.45	2.23E-04	1.44	2.54E-01	1.10	6.34E-01	EGA2-1
ENSMMUG00000016765	COX6B1	Cytochrome C Oxidase Subunit 6B	3.86	23.89	31.39	67.57	2.43	3.13E-02	0.43	7.78E-01	0.92	6.88E-01	EGA2-1
ENSMMUG00000002384	IGFLR1	IGF Like Family Receptor 1	0.05	0.81	1.63	1.66	3.41	1.80E-02	1.78	2.48E-01	0.13	9.80E-01	EGA2-1
ENSMMUG00000017051	KIRREL2	Kirre Like Nephtrin Family Adhesion Molecule 2	0.06	1.48	0.69	2.15	4.40	1.46E-02	-0.69	7.76E-01	1.20	7.68E-01	EGA2-1
ENSMMUG00000048113	ZNF260	Zinc Finger Protein 260	1.68	13.66	11.72	7.82	2.79	1.36E-03	0.30	8.12E-01	-1.32	3.62E-01	EGA2-1
ENSMMUG00000042552			0.08	10.80	3.22	2.05	7.84	1.64E-04	-2.31	3.13E-01	1.07	8.37E-01	EGA2-1
ENSMMUG00000028777	LOC713991	Ribosomal Protein, Large, P1-like	27.41	60.05	153.29	111.98	1.35	3.11E-02	0.87	1.89E-01	-0.50	7.00E-01	EGA2-1
ENSMMUG00000038877			1.45	5.88	10.35	8.13	1.86	1.32E-02	1.32	8.76E-02	-0.56	7.34E-01	EGA2-1
ENSMMUG00000038221	PSMD8	Proteasome 26S Subunit, Non-ATPase 8	2.13	9.60	8.28	6.99	2.00	1.79E-03	-0.29	7.48E-01	-0.04	9.86E-01	EGA2-1
ENSMMUG00000028767	EIF3K	Eukaryotic Translation Initiation Factor 3 Subunit K	2.58	12.29	15.78	14.54	2.10	5.33E-06	0.63	2.47E-01	-0.09	9.62E-01	EGA2-1
ENSMMUG00000004877	HNRNPL	Heterogeneous Nuclear Ribonucleoprotein L	6.73	66.87	58.18	71.46	2.97	1.06E-06	0.37	6.67E-01	0.33	8.43E-01	EGA2-1
ENSMMUG00000023643	NFKBIB	NFKB Inhibitor Beta	1.09	27.99	13.69	7.38	5.22	2.33E-08	-1.64	1.28E-01	0.73	7.50E-01	EGA2-1
ENSMMUG00000019369	PLEKHG2	Pleckstrin Homology And RhoGEF Domain Containing G2	0.83	6.28	2.23	1.07	2.86	1.99E-02	-1.62	2.26E-01	-0.83	7.64E-01	EGA2-1
ENSMMUG00000009527	LOC699418	Galectin-10-like	0.00	1.15	0.49	3.47	23.18	1.18E-22	2.52	3.94E-01	-1.40	8.18E-01	EGA2-1
ENSMMUG00000022726	DYRK1B	Dual Specificity Tyrosine Phosphorylation Regulated Kinase 1B	0.11	2.18	0.51	0.59	5.49	2.33E-06	-2.34	6.40E-02	0.29	9.46E-01	EGA2-1
ENSMMUG00000022725	FBL	Fibrillarlin	12.67	123.74	69.83	61.20	3.06	1.66E-11	-0.62	2.75E-01	-0.20	8.87E-01	EGA2-1
ENSMMUG00000022724	FCGBP	Fc Fragment Of IgG Binding Protein	0.04	3.36	1.48	1.09	5.79	1.19E-09	-0.31	8.31E-01	0.53	8.40E-01	EGA2-1
ENSMMUG00000017188	PSMC4	Proteasome 26S Subunit, ATPase 4	11.38	41.78	27.98	22.76	1.35	3.64E-02	-0.18	8.39E-01	-0.19	9.17E-01	EGA2-1
ENSMMUG00000006071	PLD3	Phospholipase D Family Member 3	0.52	3.22	0.73	1.50	3.13	1.60E-02	-2.44	6.57E-02	0.71	8.19E-01	EGA2-1
ENSMMUG00000022625	PRX	Periaxin	0.02	1.02	0.91	0.28	7.76	2.49E-05	1.09	6.23E-01	-1.37	7.26E-01	EGA2-1
ENSMMUG00000016027	SERTAD1	SERTA Domain Containing 1	1.88	11.83	5.81	2.08	3.21	2.22E-02	-2.09	1.59E-01	-0.32	9.46E-01	EGA2-1
ENSMMUG00000022024	SNRPA	Small Nuclear Ribonucleoprotein Polypeptide A	4.96	16.82	25.88	17.67	1.64	2.49E-03	0.88	1.36E-01	-0.96	2.53E-01	EGA2-1
ENSMMUG00000006394	CYP2A24	Cytochrome P450, Family 2, Subfamily A, Polypeptide 24	0.34	4.36	1.81	1.55	3.56	4.35E-04	-1.69	1.35E-01	1.50	4.17E-01	EGA2-1
ENSMMUG00000023704	B9D2	B9 Domain Containing 2	0.17	2.52	0.83	0.50	4.96	4.95E-03	-2.57	1.76E-01	1.38	7.25E-01	EGA2-1
ENSMMUG00000014345	EXOSC5	Exosome Component 5	0.51	25.09	13.45	5.61	5.38	1.26E-04	-1.10	5.37E-01	1.28	6.70E-01	EGA2-1
ENSMMUG00000044566			11.99	57.34	49.70	25.06	1.66	2.56E-02	-0.03	9.80E-01	-0.57	7.16E-01	EGA2-1
ENSMMUG00000004468	IRGQ	Immunity Related GTPase Q	0.40	5.01	6.68	2.27	3.22	8.38E-03	0.96	5.14E-01	-2.54	1.42E-01	EGA2-1
ENSMMUG00000021468	ZNF221	Zinc Finger Protein 221	0.28	1.83	1.88	0.29	3.36	3.75E-03	-2.28	6.12E-02	0.80	7.72E-01	EGA2-1
ENSMMUG00000012808	ZNF229	Zinc Finger Protein 229	0.48	13.44	5.71	7.89	4.45	4.15E-07	-1.24	2.39E-01	0.74	7.19E-01	EGA2-1
ENSMMUG00000014303	TOMM40	Translocase Of Outer Mitochondrial Membrane 40	3.85	28.21	44.26	32.06	2.61	1.77E-03	0.86	3.84E-01	-0.36	8.78E-01	EGA2-1
ENSMMUG00000022932	TRAPPC6A	Trafficking Protein Particle Complex 6A	0.03	1.03	0.79	2.19	4.82	3.11E-03	0.43	8.44E-01	0.77	8.45E-01	EGA2-1
ENSMMUG00000000717	CD3EAP	CD3e Molecule Associated Protein	5.74	49.94	40.33	13.52	3.46	2.72E-09	-0.55	4.67E-01	-1.10	2.54E-01	EGA2-1
ENSMMUG00000006937	SNRPD2	Small Nuclear Ribonucleoprotein D2 Polypeptide	6.56	94.59	82.72	83.57	4.02	1.75E-05	-0.14	9.28E-01	-0.21	9.51E-01	EGA2-1

ENSMMUG0000000217	PPP5C	Protein Phosphatase 5 Catalytic Subunit	0.63	6.65	7.98	10.32	3.73	1.01E-02	-0.91	6.19E-01	1.87	4.54E-01	EGA2-1
ENSMMUG0000000218	LOC717246	60S Ribosomal Protein L18a-like	1.75	14.69	18.83	14.92	2.63	5.10E-05	0.45	6.01E-01	-0.21	9.17E-01	EGA2-1
ENSMMUG00000009506	SAE1	SUMO1 Activating Enzyme Subunit 1	12.35	45.44	22.63	29.05	1.73	2.64E-02	-1.15	1.60E-01	0.83	5.60E-01	EGA2-1
ENSMMUG00000005123	ZNF114	Zinc Finger Protein 114	0.15	5.96	4.37	5.67	6.19	1.39E-10	0.18	9.07E-01	-0.27	9.36E-01	EGA2-1
ENSMMUG00000001791	GRWD1	Glutamate Rich WD Repeat Containing 1	0.52	12.76	5.85	4.50	4.70	1.19E-06	-1.07	3.74E-01	0.52	8.45E-01	EGA2-1
ENSMMUG000000022158	LOC704394	Ribosomal Protein L18-like	50.63	152.89	222.65	195.70	1.85	1.57E-04	0.18	7.96E-01	-0.08	9.65E-01	EGA2-1
ENSMMUG00000048854	TULP2	Tubby Like Protein 2	0.03	1.65	1.45	0.09	5.31	1.72E-05	-1.37	3.46E-01	-1.81	3.84E-01	EGA2-1
ENSMMUG00000003907	BAX	BCL2 Associated X, Apoptosis Regulator	1.05	5.14	3.15	6.06	2.75	3.72E-02	-1.61	2.58E-01	1.57	4.90E-01	EGA2-1
ENSMMUG00000004928	SNRNP70	Small Nuclear Ribonucleoprotein U1 Subunit 70	2.52	8.47	10.87	6.82	1.91	1.37E-02	0.58	5.37E-01	-0.53	7.61E-01	EGA2-1
ENSMMUG00000007549	RPS11	Ribosomal Protein S11	165.68	692.16	765.36	538.30	2.12	8.50E-07	0.24	7.01E-01	-0.97	1.39E-01	EGA2-1
ENSMMUG00000011612	AP2A1	Adaptor Related Protein Complex 2 Alpha 1 Subunit	2.70	9.20	5.92	20.96	2.43	3.73E-02	-1.23	3.43E-01	1.61	3.95E-01	EGA2-1
ENSMMUG00000039233			0.23	13.93	2.71	0.35	7.85	2.52E-03	-3.80	1.63E-01	-0.12	9.91E-01	EGA2-1
ENSMMUG00000002310	ZNF577	Zinc Finger Protein 577	0.32	2.40	0.99	2.04	3.46	6.12E-03	-0.91	5.59E-01	0.70	8.23E-01	EGA2-1
ENSMMUG000000049187	ZNF614	Zinc Finger Protein 614	1.08	5.78	3.09	3.87	3.04	1.20E-03	-0.85	4.56E-01	0.31	9.12E-01	EGA2-1
ENSMMUG000000041450	ZNF432	Zinc Finger Protein 432	0.92	3.72	1.89	1.12	2.20	3.15E-02	-0.96	4.11E-01	-0.89	6.67E-01	EGA2-1
ENSMMUG000000021986	PPP2R1A	Protein Phosphatase 2 Scaffold Subunit Aalpha	10.19	26.14	18.14	19.38	1.86	4.16E-03	-0.78	2.90E-01	-0.31	8.54E-01	EGA2-1
ENSMMUG000000020234	ZNF480	Zinc Finger Protein 480	0.22	2.60	6.98	3.92	3.01	1.58E-02	2.01	1.20E-01	-0.68	8.21E-01	EGA2-1
ENSMMUG000000028720			0.33	5.68	4.05	4.87	3.82	3.19E-04	-0.27	8.63E-01	1.19	5.60E-01	EGA2-1
ENSMMUG000000023272	LOC720244	Zinc Finger Protein 83-like	2.34	7.41	4.68	5.17	1.57	2.55E-02	-0.92	2.28E-01	0.93	4.31E-01	EGA2-1
ENSMMUG000000004247			0.02	3.15	2.39	1.05	8.13	2.03E-05	-2.09	3.07E-01	0.40	9.50E-01	EGA2-1
ENSMMUG000000044256			0.79	2.12	6.55	6.45	1.40	1.56E-03	0.78	9.85E-02	0.69	3.39E-01	EGA2-1
ENSMMUG0000000045827	LOC720141	Zinc Finger Protein 347	0.36	1.64	6.43	2.24	2.42	2.03E-02	1.06	3.67E-01	-0.84	6.97E-01	EGA2-1
ENSMMUG000000006778	LOC720214	Zinc Finger Protein 761	9.29	25.86	22.90	10.08	1.40	3.93E-02	-0.77	3.03E-01	-0.90	4.24E-01	EGA2-1
ENSMMUG000000011256			5.84	15.68	15.59	19.96	1.21	2.92E-02	-0.23	7.53E-01	0.03	9.87E-01	EGA2-1
ENSMMUG000000046065			0.00	7.35	2.39	7.54	18.88	1.64E-11	0.80	8.53E-01	4.03	4.31E-01	EGA2-1
ENSMMUG000000033196	MIR373	MicroRNA 373	0.00	17.57	21.75	43.61	4.62	1.62E-02	1.23	5.59E-01	1.27	7.40E-01	EGA2-1
ENSMMUG000000022296	TFPT	TCF3 Fusion Partner	2.06	10.67	6.10	2.18	2.22	3.23E-02	-0.46	7.37E-01	-0.30	9.20E-01	EGA2-1
ENSMMUG000000022552	RPS9	Ribosomal Protein S9	3.08	25.74	23.34	23.29	3.03	5.14E-08	-0.13	8.78E-01	-0.09	9.68E-01	EGA2-1
ENSMMUG000000015901	RPL28	Ribosomal Protein L28	71.81	326.98	306.93	179.20	2.37	9.35E-04	-0.83	3.23E-01	-0.25	9.05E-01	EGA2-1
ENSMMUG000000017267	MZF1	Myeloid Zinc Finger 1	0.08	1.14	0.53	0.72	5.63	7.55E-05	-2.53	9.79E-02	3.12	1.49E-01	EGA2-1
ENSMMUG000000020051	TRIM28	Tripartite Motif Containing 28	2.84	32.05	45.83	47.23	3.36	3.61E-05	-0.07	9.57E-01	-0.26	9.17E-01	EGA2-1
ENSMMUG000000008729	RPS5	Ribosomal Protein S5	22.15	140.25	121.83	77.79	2.67	6.26E-09	-0.12	8.71E-01	-0.95	1.95E-01	EGA2-1
ENSMMUG000000005338	ZNF586	Zinc Finger Protein 586	0.69	7.25	6.38	3.52	4.46	4.68E-09	-0.57	5.78E-01	-0.83	6.06E-01	EGA2-1
ENSMMUG000000005336	ZNF551	Zinc Finger Protein 551	0.22	7.96	5.85	3.63	5.33	4.59E-13	-0.94	3.09E-01	-0.36	8.66E-01	EGA2-1
ENSMMUG000000006122	ZNF550	Zinc Finger Protein 550	0.24	1.39	2.23	0.81	3.06	1.31E-02	-0.35	8.41E-01	-1.49	4.94E-01	EGA2-1
ENSMMUG000000014285	ZNF772	Zinc Finger Protein 772	0.08	2.15	1.26	1.08	4.26	1.24E-03	-0.32	8.69E-01	-0.08	9.87E-01	EGA2-1
ENSMMUG000000019285	ZNF460	Zinc Finger Protein 460	2.62	9.94	16.11	12.28	2.18	8.20E-04	1.03	1.53E-01	-0.70	5.83E-01	EGA2-1
ENSMMUG000000031713	LOC106995399	Cytochrome C-like	42.73	173.03	230.53	142.40	1.94	1.07E-03	0.56	4.38E-01	-0.48	7.17E-01	EGA2-1
ENSMMUG000000043966	DDX3Y	DEAD-box Helicase 3, Y-linked	0.47	15.68	8.53	12.57	4.07	3.37E-04	-0.75	6.14E-01	0.77	7.82E-01	EGA2-1
ENSMMUG000000049104	CYHYorf15B	Chromosome Y Open Reading Frame, Human CYorf15B	0.08	2.31	1.39	0.78	3.65	1.29E-02	-0.56	7.79E-01	-1.21	6.93E-01	EGA2-1
ENSMMUG000000043974	LOC701774	Ral-GDS-related Protein-like	0.17	0.89	0.51	0.34	3.58	9.45E-03	-1.47	3.54E-01	0.03	9.96E-01	EGA2-1
ENSMMUG000000047658			13.47	72.44	65.92	46.81	1.79	3.25E-02	-0.35	7.55E-01	0.76	6.43E-01	EGA2-1
ENSMMUG000000030262	LOC705682	Translation Machinery-associated Protein 16 Pseudogene	0.49	4.68	4.34	4.72	3.29	1.29E-04	0.41	7.27E-01	0.76	6.88E-01	EGA2-1
ENSMMUG000000017077	LOC701714	Zinc Finger Protein 37A	0.60	4.28	12.74	4.41	2.62	4.96E-03	1.25	2.26E-01	-0.61	7.79E-01	EGA2-1
ENSMMUG000000006020			247.99	642.32	563.60	329.87	1.22	7.36E-05	-0.31	4.12E-01	-0.48	3.58E-01	EGA2-1

ENSMMUG00000047191	LOC698928	X Antigen Family Member 5-like	0.02	5.54	19.54	3.03	8.46	1.76E-06	0.82	7.19E-01	2.06	5.16E-01	EGA2-1
ENSMMUG00000040909			0.03	4.47	1.49	0.78	8.19	6.67E-10	-1.40	3.57E-01	0.70	8.35E-01	EGA2-1
ENSMMUG00000042674			0.00	9.32	8.99	11.28	5.71	7.30E-03	1.46	5.33E-01	0.60	9.19E-01	EGA2-1
ENSMMUG00000017295			137.67	744.41	588.30	438.93	2.31	1.06E-11	-0.51	2.15E-01	-0.24	7.89E-01	EGA2-1
ENSMMUG00000049253			0.00	1.85	5.50	2.16	7.21	8.70E-04	0.68	8.10E-01	1.98	6.36E-01	EGA2-1
ENSMMUG00000043101			0.02	3.59	3.30	0.83	5.09	8.22E-06	2.07	9.63E-02	-2.68	1.03E-01	EGA2-1
ENSMMUG00000040689			0.06	1.72	14.76	1.13	4.67	4.50E-03	-1.66	3.69E-01	2.25	4.02E-01	EGA2-1
ENSMMUG00000032421			53.75	277.26	399.43	375.24	2.39	1.04E-07	0.46	4.20E-01	0.01	9.94E-01	EGA2-1
ENSMMUG00000044709	LOC723473	Patr Class I Histocompatibility Antigen, B-1 Alpha Chain-like	0.07	0.47	1.02	0.19	4.22	2.55E-02	0.60	8.04E-01	-4.32	7.76E-02	EGA2-1
ENSMMUG00000037636			0.01	6.69	0.76	1.46	8.96	8.48E-06	-2.68	2.21E-01	0.40	9.59E-01	EGA2-1
ENSMMUG00000041305	LOC100424348	HLA Class I Histocompatibility Antigen, B-14 Alpha Chain like	0.48	3.54	6.31	1.77	3.19	1.40E-02	-0.72	6.66E-01	-1.16	6.61E-01	EGA2-1
ENSMMUG00000038387			59.44	118.61	207.67	281.21	3.14	4.84E-02	-2.69	9.06E-02	1.28	7.24E-01	EGA2-1
ENSMMUG00000039687	MAMU-I	Major Histocompatibility Complex, Class I, I	0.46	5.49	3.10	1.27	4.63	3.47E-04	-1.13	4.82E-01	-1.66	4.89E-01	EGA2-1
ENSMMUG00000032482	LOC693973	Protein FAM90A1-like	0.01	1.23	0.06	0.00	7.40	1.76E-02	-5.55	8.41E-02	-0.99	9.12E-01	EGA2-1
ENSMMUG00000047461	LOC714964	HLA Class I Histocompatibility Antigen, B-67 Alpha Chain like	0.14	1.06	0.81	0.41	2.58	1.40E-02	0.61	6.47E-01	-1.04	6.09E-01	EGA2-1
ENSMMUG00000044155	LOC706140	Nuclear RNA Export Factor 2	0.00	4.52	4.01	2.12	11.69	1.77E-15	-0.47	7.99E-01	-0.60	8.67E-01	EGA2-1
ENSMMUG00000040552			0.23	0.81	0.84	0.50	2.43	1.45E-02	-0.01	9.96E-01	0.19	9.58E-01	EGA2-1
ENSMMUG00000041580			11.20	159.40	279.07	389.50	3.92	1.95E-04	0.22	8.93E-01	0.67	7.99E-01	EGA2-1
ENSMMUG00000046218	XAGE5	X Antigen Family, Member 5	0.09	2.55	15.83	6.17	6.05	1.25E-06	1.79	1.63E-01	1.44	5.14E-01	EGA2-1
ENSMMUG00000041909			0.10	4.44	0.78	0.51	4.14	8.66E-04	-0.40	8.24E-01	-1.63	4.87E-01	EGA2-1
ENSMMUG00000049103			0.25	1.26	2.67	0.10	2.62	3.77E-02	-1.87	1.63E-01	-2.54	1.68E-01	EGA2-1
ENSMMUG00000042405	LOC106996511	Histone H4	0.46	16.87	29.70	24.40	6.03	4.45E-11	0.13	9.31E-01	-0.66	7.74E-01	EGA2-1
ENSMMUG00000043274			25.59	63.28	74.60	93.95	1.82	1.68E-02	-0.35	7.28E-01	0.22	9.23E-01	EGA2-1
ENSMMUG00000032390			0.00	10.43	2.75	1.84	11.19	1.35E-14	-1.12	4.64E-01	-0.19	9.68E-01	EGA2-1
ENSMMUG00000039802			0.01	0.71	0.27	0.04	8.00	4.60E-02	-5.72	1.70E-01	-0.43	9.75E-01	EGA2-1
ENSMMUG00000041144			0.19	1.64	1.50	0.55	3.53	6.31E-03	-0.01	9.95E-01	-1.84	4.17E-01	EGA2-1
ENSMMUG00000038971			0.14	2.36	1.26	0.41	6.02	2.03E-02	-1.22	7.16E-01	-3.64	3.77E-01	EGA2-1
ENSMMUG00000044528			0.00	1.98	0.23	0.64	26.11	4.28E-05	-7.94	2.96E-01	6.30	6.40E-01	EGA2-1
ENSMMUG00000043058			0.14	0.72	0.24	0.44	7.34	4.89E-02	-3.70	3.63E-01	3.34	6.37E-01	EGA2-1
ENSMMUG00000041360			9.91	166.64	286.34	380.99	4.32	6.80E-05	0.34	8.35E-01	0.62	8.26E-01	EGA2-1
ENSMMUG00000046650			0.94	9.09	31.04	56.84	4.54	3.01E-03	-0.59	7.65E-01	0.30	9.55E-01	EGA2-1
ENSMMUG00000043052			0.09	3.18	0.98	0.11	4.96	1.42E-02	-3.88	6.93E-02	-1.99	6.30E-01	EGA2-1
ENSMMUG00000037835			0.05	0.32	0.42	0.91	5.31	3.89E-02	-0.55	8.74E-01	1.74	7.47E-01	EGA2-1
ENSMMUG00000044269			0.83	9.59	25.97	43.99	3.87	7.66E-03	-0.08	9.71E-01	0.17	9.74E-01	EGA2-1
ENSMMUG00000038003			0.06	0.99	0.81	4.53	3.50	4.99E-02	2.10	2.45E-01	-0.01	9.99E-01	EGA2-1
ENSMMUG00000016129			53.38	216.44	264.74	210.32	2.07	1.02E-08	0.17	7.50E-01	-0.31	7.14E-01	EGA2-1
ENSMMUG00000047965			0.07	2.06	10.71	5.25	4.34	1.47E-03	1.69	2.66E-01	1.03	7.33E-01	EGA2-1
ENSMMUG00000037866			10.14	141.72	236.00	356.83	4.22	3.37E-04	0.13	9.44E-01	0.73	8.03E-01	EGA2-1
ENSMMUG00000039428			6.84	17.92	33.80	43.11	1.75	4.67E-02	0.83	3.99E-01	1.43	2.74E-01	EGA2-1
ENSMMUG00000015963			2.12	34.29	39.29	32.58	3.77	1.02E-15	0.59	3.26E-01	-0.11	9.50E-01	EGA2-1
ENSMMUG00000030177	MRPS21	Mitochondrial Ribosomal Protein S21	21.46	115.84	71.42	26.83	2.15	1.45E-02	-1.28	1.76E-01	-0.67	7.23E-01	EGA2-1
ENSMMUG00000040720			0.00	0.21	1.00	1.05	27.84	1.25E-05	-9.13	2.21E-01	3.06	8.63E-01	EGA2-1
ENSMMUG00000040208			4.25	15.76	8.82	4.20	1.86	4.82E-03	-0.91	2.18E-01	-0.77	5.36E-01	EGA2-1
ENSMMUG00000029402			58.10	142.05	136.29	161.14	1.12	3.45E-02	-0.30	6.54E-01	-0.29	8.14E-01	EGA2-1
ENSMMUG00000039135			0.03	10.88	1.52	1.69	10.46	9.46E-09	-2.04	2.98E-01	1.12	7.92E-01	EGA2-1
ENSMMUG00000049098	LOC714524	Pepsin A-1-like	0.61	2.38	4.41	4.28	4.40	1.62E-03	-0.29	8.84E-01	1.76	4.68E-01	EGA2-1
ENSMMUG00000038408			16.10	46.85	47.41	38.77	1.44	9.39E-03	0.16	8.43E-01	0.06	9.75E-01	EGA2-1
ENSMMUG00000032562			3.13	14.91	24.39	22.38	2.52	2.64E-02	-0.15	9.32E-01	0.08	9.85E-01	EGA2-1
ENSMMUG00000018968			12.08	52.80	70.62	36.72	1.78	4.94E-02	-0.08	9.53E-01	0.67	7.22E-01	EGA2-1
ENSMMUG00000010012	LOC106996241	WD Repeat-containing Protein 55-like	0.11	7.48	3.18	3.38	6.63	1.43E-04	-1.30	5.22E-01	0.45	9.34E-01	EGA2-1

ENSMMUG00000044507			55.85	339.34	591.46	609.50	2.82	1.03E-05	0.91	2.28E-01	0.81	5.06E-01	EGA2-1
ENSMMUG00000011856			20.24	116.79	75.75	122.73	2.35	2.71E-02	-0.99	4.14E-01	0.09	9.82E-01	EGA2-1
ENSMMUG00000039814			0.67	7.47	25.67	42.33	5.04	6.02E-04	-0.16	9.42E-01	-0.09	9.87E-01	EGA2-1
ENSMMUG00000044849			6.06	18.66	40.58	44.17	1.79	3.43E-02	1.08	2.34E-01	-0.20	9.39E-01	EGA2-1
ENSMMUG00000048170			19.30	83.70	104.77	77.49	2.31	1.50E-02	-0.19	8.90E-01	-0.43	8.62E-01	EGA2-1
ENSMMUG00000003663			0.09	6.76	1.68	1.95	6.91	2.84E-02	-1.92	6.01E-01	1.04	9.02E-01	EGA2-1
ENSMMUG00000046602			2.36	41.01	2.99	11.59	3.64	1.07E-02	-2.68	7.78E-02	1.32	6.70E-01	EGA2-1
ENSMMUG00000039068			7.19	123.12	121.15	36.27	3.61	1.27E-03	0.05	9.76E-01	-1.03	6.61E-01	EGA2-1
ENSMMUG00000044032			14.69	73.76	99.15	103.71	2.21	5.99E-05	0.16	8.52E-01	0.24	8.81E-01	EGA2-1
ENSMMUG00000040642			141.11	421.51	232.95	162.31	1.48	8.82E-03	-0.67	2.96E-01	-0.36	7.84E-01	EGA2-1
ENSMMUG00000032479			19.79	108.59	163.97	164.38	2.60	1.79E-04	0.58	5.06E-01	0.88	5.00E-01	EGA2-1
ENSMMUG00000039825			1.55	9.87	22.41	15.77	2.23	4.82E-02	2.07	6.08E-02	-0.28	9.36E-01	EGA2-1
ENSMMUG00000040042			10.59	59.45	102.34	90.41	2.55	5.81E-09	0.63	2.32E-01	0.22	8.60E-01	EGA2-1
ENSMMUG00000012134			5.10	38.89	77.10	81.61	3.00	2.48E-03	0.86	4.75E-01	-0.61	8.03E-01	EGA2-1
ENSMMUG00000041269			0.61	20.30	1.66	7.32	5.12	2.93E-03	-1.58	4.30E-01	-0.29	9.64E-01	EGA2-1
ENSMMUG00000047918			0.22	13.35	200.12	277.30	5.46	8.67E-07	5.38	3.62E-07	-1.58	4.11E-01	EGA2-2
ENSMMUG00000045301			0.56	22.75	216.76	243.54	6.15	1.10E-07	2.61	2.83E-02	0.37	9.15E-01	EGA2-2
ENSMMUG00000020035			124.32	324.97	776.72	505.80	1.35	5.81E-04	1.45	1.80E-04	-0.94	8.76E-02	EGA2-2
ENSMMUG00000009951	MARCKSL1	MARCKS Like 1	0.35	4.95	21.18	6.89	4.71	1.37E-06	2.42	1.84E-02	-2.00	1.81E-01	EGA2-2
ENSMMUG00000009188	CAP1	Cyclase Associated Actin Cytoskeleton Regulatory Protein 1	9.59	26.48	48.28	67.97	1.30	4.26E-03	1.09	1.79E-02	0.17	8.94E-01	EGA2-2
ENSMMUG00000015270	RPS8	Ribosomal Protein S8	73.42	289.55	540.67	491.80	2.12	3.22E-08	1.07	9.50E-03	-0.30	7.47E-01	EGA2-2
ENSMMUG00000032153			3.92	17.28	42.25	37.34	2.01	6.41E-06	1.57	3.41E-04	-0.64	4.21E-01	EGA2-2
ENSMMUG00000044960			24.63	65.70	222.95	247.40	1.57	1.07E-03	2.03	1.14E-05	-0.05	9.77E-01	EGA2-2
ENSMMUG00000009954			11.49	23.99	72.39	53.29	0.99	4.34E-02	1.84	3.83E-05	-0.40	6.93E-01	EGA2-2
ENSMMUG00000009272			32.78	109.89	321.49	257.91	1.68	1.34E-04	1.57	3.79E-04	-0.11	9.46E-01	EGA2-2
ENSMMUG00000038785			49.40	187.84	413.27	286.62	2.02	1.04E-06	1.08	1.51E-02	-0.32	7.43E-01	EGA2-2
ENSMMUG00000045959			47.50	105.66	175.94	156.14	1.18	2.62E-03	0.97	1.41E-02	-0.35	6.69E-01	EGA2-2
ENSMMUG00000016388	FRRS1	Ferric Chelate Reductase 1	0.05	3.44	30.05	34.89	6.33	3.63E-12	3.74	2.22E-05	-0.16	9.64E-01	EGA2-2
ENSMMUG00000003311	WDR77	WD Repeat Domain 77	0.63	4.37	20.02	6.64	3.07	4.58E-03	2.24	4.31E-02	-0.76	7.59E-01	EGA2-2
ENSMMUG00000003313			9.29	29.30	127.32	144.65	1.41	2.74E-02	2.38	5.03E-05	0.22	9.02E-01	EGA2-2
ENSMMUG00000006787	BCL2L15	BCL2 Like 15	0.08	15.54	76.01	14.37	5.80	3.70E-07	2.77	2.18E-02	-1.97	2.92E-01	EGA2-2
ENSMMUG00000021259	CGN	Cingulin	0.08	1.14	6.18	11.96	5.61	2.35E-07	3.19	3.68E-03	-0.15	9.72E-01	EGA2-2
ENSMMUG00000031532	LOC719770	60S Ribosomal Protein L36 Pseudogene	10.01	37.32	74.84	57.12	1.98	9.39E-08	0.96	1.63E-02	-0.42	5.84E-01	EGA2-2
ENSMMUG00000039975			3.50	36.18	89.41	57.60	2.76	1.35E-03	2.41	5.10E-03	-0.28	9.13E-01	EGA2-2
ENSMMUG00000012068	SIPA1L2	Signal Induced Proliferation Associated 1 Like 2	0.02	1.79	4.73	4.07	6.71	1.06E-18	1.66	2.75E-02	-0.40	8.33E-01	EGA2-2
ENSMMUG00000022179			5.48	21.90	59.03	52.56	1.92	1.50E-03	1.78	3.02E-03	0.16	9.38E-01	EGA2-2
ENSMMUG00000022310	DESI2	Desumoylating Isopeptidase 2	1.22	6.15	19.74	13.58	1.89	3.65E-02	2.04	1.97E-02	0.55	7.90E-01	EGA2-2
ENSMMUG00000022112	DPPA2	Developmental Pluripotency Associated 2	0.11	6.38	87.13	301.61	4.83	3.98E-07	4.67	3.17E-07	0.57	8.11E-01	EGA2-2
ENSMMUG00000016901	LOC699439	Developmental Pluripotency-associated Protein 4-like	0.03	1.45	28.31	64.68	5.44	8.30E-06	4.52	3.65E-05	1.04	6.68E-01	EGA2-2
ENSMMUG00000020740	ATP6V1A	ATPase H+ Transporting V1 Subunit A	2.41	25.25	96.20	105.16	3.52	4.59E-05	1.90	4.10E-02	0.39	8.72E-01	EGA2-2
ENSMMUG00000020716			13.72	59.77	105.75	108.92	1.80	6.10E-05	1.24	7.74E-03	-0.08	9.65E-01	EGA2-2
ENSMMUG0000001340	RPL32	Ribosomal Protein L32	35.46	165.13	417.24	352.70	2.09	4.54E-05	1.92	1.98E-04	-0.43	7.10E-01	EGA2-2
ENSMMUG00000015672	PDHB	Pyruvate Dehydrogenase E1 Beta Subunit	1.62	7.32	50.06	52.60	2.26	1.84E-03	2.86	4.54E-05	-0.10	9.69E-01	EGA2-2
ENSMMUG00000004800	SLMAP	Sarcolemma Associated Protein	0.90	5.10	14.35	16.37	2.47	6.61E-05	1.57	1.59E-02	-0.02	9.93E-01	EGA2-2
ENSMMUG00000005656	IMPDH2	Inosine Monophosphate Dehydrogenase 2	3.69	9.95	27.28	21.83	1.46	4.04E-03	1.65	8.01E-04	-0.62	5.00E-01	EGA2-2
ENSMMUG00000042008	LOC700534	60S Ribosomal Protein L14	53.40	189.58	419.80	281.76	1.73	5.55E-06	1.27	1.33E-03	-0.52	4.60E-01	EGA2-2
ENSMMUG00000022965	RPSA	Ribosomal Protein SA	28.52	84.22	215.00	225.52	1.85	7.58E-05	1.34	5.56E-03	0.09	9.59E-01	EGA2-2
ENSMMUG00000004847	XYLB	Xylulokinase	0.03	1.34	4.65	2.80	3.50	1.13E-02	2.77	4.62E-02	-1.26	6.47E-01	EGA2-2
ENSMMUG00000010630			169.61	374.69	1597.77	790.39	1.18	3.11E-02	1.50	4.11E-03	-0.83	3.24E-01	EGA2-2



ENSMMUG00000022881	RPL22L1	Ribosomal Protein L22 Like 1	0.85	7.56	22.34	16.43	3.10	2.50E-04	2.40	5.18E-03	-0.67	7.26E-01	EGA2-2
ENSMMUG00000047632			4.54	20.75	42.34	40.41	2.19	3.77E-04	1.31	4.57E-02	-0.45	7.58E-01	EGA2-2
ENSMMUG00000013952	LOC716150	60S Ribosomal Protein L9 Pseudogene	5.55	17.45	46.56	40.47	1.46	2.84E-04	1.57	6.87E-05	-0.01	9.95E-01	EGA2-2
ENSMMUG00000042089			1.51	5.54	11.58	14.10	1.47	4.28E-04	1.27	2.43E-03	0.24	8.23E-01	EGA2-2
ENSMMUG00000031431	LOC100423295	Putative 60S Ribosomal Protein L39-like 5	1.64	12.59	37.49	37.10	3.19	7.18E-05	2.23	4.55E-03	-0.99	5.05E-01	EGA2-2
ENSMMUG00000017867	LOC706181	60S Ribosomal Protein L36a-like	11.86	44.10	100.57	70.88	2.11	3.26E-06	1.01	4.03E-02	-0.30	7.99E-01	EGA2-2
ENSMMUG00000014776			0.01	0.28	5.10	18.77	3.39	1.56E-02	5.66	3.98E-07	0.16	9.69E-01	EGA2-2
ENSMMUG00000044585	ATP5I	ATP Synthase, H+ Transporting, Mitochondrial Fo Complex Subunit E	0.68	3.89	16.15	15.73	2.28	9.03E-03	2.64	1.80E-03	-0.22	9.37E-01	EGA2-2
ENSMMUG00000021695	MRFAP1	Morf4 Family Associated Protein 1	41.66	90.72	183.75	191.26	1.12	2.29E-02	0.97	4.91E-02	0.06	9.73E-01	EGA2-2
ENSMMUG00000003363	KLF3	Kruppel Like Factor 3	2.64	59.97	122.70	71.22	4.06	5.92E-12	1.43	2.96E-02	-0.91	4.11E-01	EGA2-2
ENSMMUG00000008553	RPL9	Ribosomal Protein L9	52.18	183.69	395.52	304.95	1.83	5.63E-06	1.27	2.47E-03	-0.42	6.17E-01	EGA2-2
ENSMMUG00000012036	RBM47	RNA Binding Motif Protein 47	0.25	2.96	14.95	20.84	3.50	2.33E-08	2.54	7.45E-05	0.83	4.87E-01	EGA2-2
ENSMMUG00000021379			12.25	53.66	91.33	82.88	2.21	5.05E-14	0.89	5.45E-03	-0.38	5.29E-01	EGA2-2
ENSMMUG00000040298			5.96	29.48	66.83	58.97	2.06	3.95E-04	1.70	3.84E-03	-0.38	7.86E-01	EGA2-2
ENSMMUG00000040192			23.39	59.56	210.28	237.38	1.52	1.29E-03	2.11	3.07E-06	-0.07	9.69E-01	EGA2-2
ENSMMUG00000044360			46.48	241.22	448.70	318.31	2.26	1.13E-09	1.13	4.73E-03	-0.53	4.47E-01	EGA2-2
ENSMMUG00000039958			37.18	163.83	387.46	310.10	1.75	1.43E-04	1.94	1.89E-05	-0.75	3.26E-01	EGA2-2
ENSMMUG00000040278			32.57	186.37	408.75	361.04	2.33	1.31E-08	1.41	1.04E-03	-0.64	3.94E-01	EGA2-2
ENSMMUG00000009066	LOC696134	60S Ribosomal Protein L26	64.06	234.54	414.42	345.23	1.85	5.80E-07	1.04	8.59E-03	-0.40	6.01E-01	EGA2-2
ENSMMUG00000038876			14.63	87.60	182.19	155.66	2.27	3.04E-07	1.06	2.63E-02	-0.41	6.79E-01	EGA2-2
ENSMMUG00000030169	LOC708833	40S Ribosomal Protein S17 Pseudogene	15.50	59.53	116.54	103.19	1.78	1.90E-05	1.30	2.47E-03	-0.45	6.02E-01	EGA2-2
ENSMMUG00000030156			3.06	106.30	469.91	525.28	5.36	5.50E-11	2.55	3.84E-03	-0.30	9.07E-01	EGA2-2
ENSMMUG00000022958	LOC696015	40S Ribosomal Protein S8 Pseudogene	18.54	81.77	177.23	173.26	2.42	4.26E-10	1.28	1.90E-03	-0.28	7.72E-01	EGA2-2
ENSMMUG00000014173	ATP5F1	ATP Synthase, H+ Transporting, Mitochondrial Fo Complex Subunit B1	6.86	21.47	91.96	98.78	1.35	4.60E-02	2.38	1.07E-04	0.13	9.54E-01	EGA2-2
ENSMMUG00000002676			63.89	253.91	722.92	644.64	1.89	1.74E-05	1.69	1.37E-04	-0.14	9.22E-01	EGA2-2
ENSMMUG00000041268			3.65	17.59	72.04	50.48	2.28	4.12E-03	2.11	7.35E-03	-0.61	7.30E-01	EGA2-2
ENSMMUG00000006799	LOC709412	Heat Shock Cognate 71 KDa Protein-like	8.31	32.14	66.58	70.09	1.62	5.11E-12	1.18	1.07E-06	0.21	7.13E-01	EGA2-2
ENSMMUG00000009632	ATP5L	ATP Synthase, H+ Transporting, Mitochondrial Fo Complex Subunit G	8.71	24.72	56.60	50.42	1.39	3.47E-02	1.41	2.81E-02	-0.31	8.47E-01	EGA2-2
ENSMMUG00000007037	UPP1	Uridine Phosphorylase 1	0.03	1.01	4.81	7.04	5.06	7.09E-06	2.50	2.17E-02	1.43	4.59E-01	EGA2-2
ENSMMUG00000040322	CBX3	Chromobox 3	3.38	34.77	65.58	36.88	3.35	9.56E-10	1.27	3.86E-02	-0.74	4.89E-01	EGA2-2
ENSMMUG00000045263			1.08	8.68	32.07	28.20	3.03	1.49E-04	2.47	1.24E-03	-0.46	8.13E-01	EGA2-2
ENSMMUG00000011834	THAP5	THAP Domain Containing 5	0.70	3.52	9.37	7.64	2.43	1.53E-03	1.60	4.59E-02	-0.07	9.82E-01	EGA2-2
ENSMMUG00000011892	BASP1	Brain Abundant Membrane Attached Signal Protein 1	9.85	123.32	344.04	374.21	3.32	3.50E-06	1.84	1.62E-02	-0.08	9.76E-01	EGA2-2
ENSMMUG00000037515			5.42	35.79	122.72	118.00	2.62	7.55E-05	2.36	3.62E-04	-0.75	5.65E-01	EGA2-2
ENSMMUG00000029952			8.16	33.75	60.49	38.57	1.94	1.33E-05	1.04	2.96E-02	-0.52	5.60E-01	EGA2-2
ENSMMUG00000001205	TTC37	Tetratricopeptide Repeat Domain 37	1.20	2.85	9.31	15.13	1.50	2.92E-02	1.85	4.66E-03	0.71	5.78E-01	EGA2-2
ENSMMUG00000005875	HSPA9	Heat Shock Protein Family A (Hsp70) Member 9	14.73	106.27	245.95	178.91	2.49	9.93E-06	1.64	5.60E-03	-0.63	5.78E-01	EGA2-2
ENSMMUG00000002398			18.78	70.81	167.99	113.27	1.97	2.45E-05	1.28	8.93E-03	-0.34	7.61E-01	EGA2-2
ENSMMUG00000005563	HAVCR1	Hepatitis A Virus Cellular Receptor 1	11.97	155.22	893.54	#####	2.59	1.31E-03	3.61	3.03E-06	-0.40	8.52E-01	EGA2-2

ENSMMUG00000028937			43.95	163.16	297.65	274.65	2.01	5.29E-07	1.02	1.89E-02	-0.25	8.12E-01	EGA2-2
ENSMMUG00000012521	PANK3	Pantothenate Kinase 3	15.68	50.70	105.81	108.78	1.48	1.87E-04	0.94	2.35E-02	0.35	6.92E-01	EGA2-2
ENSMMUG00000003738			183.64	917.38	1520.34	823.41	2.22	8.13E-13	0.85	1.29E-02	-0.85	6.26E-02	EGA2-2
ENSMMUG00000014784	DSP	Desmoplakin	3.33	7.08	29.61	44.53	1.62	1.35E-02	1.68	8.79E-03	1.01	3.28E-01	EGA2-2
ENSMMUG00000022489	LOC702174	40S Ribosomal Protein S15a Pseudogene	65.91	304.74	491.66	329.67	2.33	1.85E-13	0.71	4.81E-02	-0.65	2.12E-01	EGA2-2
ENSMMUG00000041839	LOC696808	Histone H2B Type 1	0.63	5.27	57.06	41.13	3.00	7.94E-03	3.29	2.38E-03	0.15	9.71E-01	EGA2-2
ENSMMUG00000046783	HIST1H2BM	Histone Cluster 1, H2bm	0.11	28.05	51.88	40.69	3.86	1.04E-02	4.99	1.91E-04	0.73	8.39E-01	EGA2-2
ENSMMUG00000000267	RPS10	Ribosomal Protein S10	35.40	163.66	297.76	197.33	2.24	4.82E-10	0.82	4.13E-02	-0.23	8.12E-01	EGA2-2
ENSMMUG00000049181	LOC106997918	60S Ribosomal Protein L39	13.64	82.63	327.10	306.29	2.82	5.88E-06	2.52	5.25E-05	-0.74	5.45E-01	EGA2-2
ENSMMUG00000015907	RPL10A	Ribosomal Protein L10a	45.98	247.51	425.55	384.11	2.42	5.91E-12	1.03	7.24E-03	-0.21	8.22E-01	EGA2-2
ENSMMUG00000001401			4.73	14.45	30.17	17.54	1.36	7.17E-03	1.22	1.53E-02	-0.27	8.34E-01	EGA2-2
ENSMMUG00000029598	LOC712987	60S Ribosomal Protein L21-like	60.30	143.29	408.29	268.46	1.18	1.37E-02	1.65	2.38E-04	-0.49	5.84E-01	EGA2-2
ENSMMUG00000022201			2.11	18.13	46.44	30.97	2.90	8.51E-07	1.75	4.76E-03	-0.78	4.88E-01	EGA2-2
ENSMMUG00000016603	LOC707834	60S Ribosomal Protein L19 Pseudogene	97.15	346.94	521.29	406.36	1.72	2.93E-09	0.66	4.01E-02	-0.28	6.76E-01	EGA2-2
ENSMMUG00000029756			111.80	268.68	667.07	412.62	1.25	1.54E-03	1.43	2.13E-04	-0.91	1.03E-01	EGA2-2
ENSMMUG00000005362	ADAT2	Adenosine Deaminase, TRNA Specific 2	0.02	0.54	6.96	1.13	5.92	1.78E-04	4.12	7.34E-03	-3.14	1.65E-01	EGA2-2
ENSMMUG00000013237	RPS12	Ribosomal Protein S12	100.80	449.89	1012.31	931.16	2.10	2.18E-09	1.45	6.83E-05	-0.16	8.80E-01	EGA2-2
ENSMMUG00000029417	LOC716075	60S Ribosomal Protein L7 Pseudogene	25.03	79.26	191.27	129.55	1.73	2.92E-05	1.48	4.01E-04	-0.72	2.92E-01	EGA2-2
ENSMMUG00000008939	LOC693820	40S Ribosomal Protein S29	18.75	125.13	304.32	267.04	2.43	4.82E-10	1.57	9.95E-05	-0.48	5.36E-01	EGA2-2
ENSMMUG00000000012			26.69	98.05	188.45	170.26	2.02	6.88E-08	1.15	3.72E-03	-0.31	7.29E-01	EGA2-2
ENSMMUG00000001759			38.33	150.07	398.13	381.23	1.86	1.07E-04	1.78	2.04E-04	-0.43	6.87E-01	EGA2-2
ENSMMUG00000016844	RPL4	Ribosomal Protein L4	21.99	103.71	172.04	161.55	2.25	1.55E-14	0.86	7.49E-03	-0.42	4.59E-01	EGA2-2
ENSMMUG00000022717	ANP32A	Acidic Nuclear Phosphoprotein 32 Family Member A	28.10	85.09	278.27	219.13	1.51	3.75E-02	1.78	1.04E-02	-0.58	6.96E-01	EGA2-2
ENSMMUG00000002237			19.24	49.52	173.05	190.12	1.46	6.76E-03	2.15	2.30E-05	-0.24	8.63E-01	EGA2-2
ENSMMUG00000011327	RPS17L	Ribosomal Protein S17-like	36.72	137.19	285.47	275.75	1.69	1.62E-04	1.56	5.24E-04	-0.40	6.85E-01	EGA2-2
ENSMMUG00000041039			0.02	3.40	7.03	3.53	4.23	2.96E-02	3.43	4.38E-02	0.55	9.12E-01	EGA2-2
ENSMMUG00000002531	TOMM20	Translocase Of Outer Mitochondrial Membrane 20	12.65	37.10	79.01	40.11	1.51	1.88E-02	1.46	2.17E-02	-0.53	6.91E-01	EGA2-2
ENSMMUG00000045832	RNASE9	Ribonuclease A Family Member 9 (inactive)	0.01	0.88	8.31	1.30	6.69	2.17E-04	3.84	1.96E-02	-3.64	1.20E-01	EGA2-2
ENSMMUG00000006463	LOC706087	40S Ribosomal Protein S12	84.84	380.04	861.99	824.50	2.10	9.20E-10	1.49	2.58E-05	-0.15	8.81E-01	EGA2-2
ENSMMUG00000029420	LOC714120	60S Ribosomal Protein L31 Pseudogene	36.01	81.77	227.00	170.47	1.51	2.73E-04	1.28	2.26E-03	-0.52	5.07E-01	EGA2-2
ENSMMUG00000006983			19.13	51.05	110.20	74.34	1.21	3.00E-02	1.27	1.95E-02	-0.39	7.54E-01	EGA2-2
ENSMMUG00000004186			7.22	27.22	65.91	56.45	1.93	6.24E-06	1.61	1.96E-04	-0.49	5.63E-01	EGA2-2
ENSMMUG00000010333			21.79	92.80	195.89	189.42	2.01	3.84E-06	1.29	4.67E-03	-0.02	9.90E-01	EGA2-2
ENSMMUG00000029367	RPS29	Ribosomal Protein S29	37.76	162.84	314.82	298.33	2.07	2.77E-07	1.21	4.28E-03	-0.55	4.70E-01	EGA2-2
ENSMMUG00000029361			0.25	12.50	38.33	20.82	4.97	2.61E-07	2.13	4.26E-02	-1.08	5.85E-01	EGA2-2
ENSMMUG00000012179			19.39	64.25	131.69	103.65	1.56	9.75E-04	1.35	4.81E-03	-0.48	6.17E-01	EGA2-2
ENSMMUG00000029342	LOC698377	60S Ribosomal Protein L21 Pseudogene	9.82	32.16	98.32	65.94	1.83	5.10E-04	1.65	1.87E-03	-0.38	7.59E-01	EGA2-2
ENSMMUG00000023556	SGPP1	Sphingosine-1-phosphate Phosphatase 1	0.04	1.13	4.83	3.97	6.80	3.51E-10	2.31	2.47E-02	-1.63	3.23E-01	EGA2-2
ENSMMUG00000029299	LOC106999480	60S Ribosomal Protein L39	8.01	52.87	186.21	177.74	2.89	5.60E-06	2.25	4.46E-04	-0.61	6.58E-01	EGA2-2
ENSMMUG00000029256	SLIRP	SRA Stem-loop Interacting RNA Binding Protein	16.79	65.80	259.62	212.74	2.04	3.42E-03	2.18	1.36E-03	-0.08	9.74E-01	EGA2-2
ENSMMUG00000013585			4.91	18.64	44.60	33.56	1.88	4.75E-07	1.23	1.53E-03	-0.29	7.51E-01	EGA2-2
ENSMMUG00000039581			1.82	5.41	10.27	6.69	1.52	4.79E-02	1.63	2.75E-02	-1.12	3.45E-01	EGA2-2
ENSMMUG00000018610	PAPOLA	Poly(A) Polymerase Alpha	23.79	69.62	107.11	80.73	1.39	2.86E-06	0.72	2.56E-02	-0.29	6.53E-01	EGA2-2
ENSMMUG00000045571	RPL34	Ribosomal Protein L34	16.86	87.06	271.07	221.45	2.18	4.53E-03	1.89	1.43E-02	-0.55	7.51E-01	EGA2-2

ENSMMUG00000043602	PAGE2B	PAGE Family Member 2B	0.06	14.91	24.27	8.52	7.82	2.47E-08	2.64	2.97E-02	-1.84	3.61E-01	EGA2-2
ENSMMUG00000045389	LOC106995218	Putative G Antigen Family E Member 3	0.04	19.69	61.56	17.65	7.85	5.86E-13	3.30	9.79E-04	-0.87	7.01E-01	EGA2-2
ENSMMUG00000038296	PAGE2B	PAGE Family Member 2B	0.13	26.19	51.05	22.11	7.61	1.66E-11	2.51	2.49E-02	-1.09	6.32E-01	EGA2-2
ENSMMUG00000044833	LOC703127	P Antigen Family Member 5	0.01	3.95	12.19	1.32	7.18	9.76E-06	2.93	4.69E-02	-2.50	2.74E-01	EGA2-2
ENSMMUG00000045847	LOC703363	Putative G Antigen Family E Member 3	0.03	10.69	21.06	5.31	7.46	2.81E-09	2.65	1.63E-02	-0.84	7.44E-01	EGA2-2
ENSMMUG00000032441	LOC708140	40S Ribosomal Protein SA like	16.00	45.43	142.02	154.37	1.73	1.03E-04	1.87	2.22E-05	0.01	9.94E-01	EGA2-2
ENSMMUG00000010418			6.16	18.39	39.96	28.97	1.44	2.00E-03	1.39	2.50E-03	-0.81	2.62E-01	EGA2-2
ENSMMUG00000010763	BRWD3	Bromodomain And WD Repeat Domain Containing 3	10.88	24.29	80.81	58.90	1.16	3.90E-02	1.80	5.13E-04	-0.47	6.79E-01	EGA2-2
ENSMMUG00000032410			180.85	897.34	1469.88	792.10	2.21	7.83E-13	0.84	1.40E-02	-0.84	6.24E-02	EGA2-2
ENSMMUG00000001647			16.85	59.51	166.36	156.91	1.73	5.18E-04	1.99	4.54E-05	-0.52	5.99E-01	EGA2-2
ENSMMUG00000006919			33.85	83.12	241.27	164.45	1.17	1.09E-02	1.79	3.49E-05	-0.56	4.96E-01	EGA2-2
ENSMMUG00000018391	RPL39	Ribosomal Protein L39	5.26	44.87	159.89	138.15	2.96	7.31E-06	2.73	3.89E-05	-1.01	3.84E-01	EGA2-2
ENSMMUG00000038270			22.73	68.87	169.58	123.52	1.47	3.12E-04	1.51	1.87E-04	-0.55	4.59E-01	EGA2-2
ENSMMUG00000032342	LOC707204	40S Ribosomal Protein S13 Pseudogene	33.68	126.65	260.54	170.96	1.61	4.63E-05	1.35	8.15E-04	-0.84	1.58E-01	EGA2-2
ENSMMUG00000012742	SLC6A8	Solute Carrier Family 6 Member 8	0.99	19.08	58.36	46.71	4.20	1.12E-05	2.32	2.38E-02	-0.76	7.37E-01	EGA2-2
ENSMMUG00000015144	DLC1	DLC1 Rho GTPase Activating Protein	0.01	0.91	6.73	8.74	6.44	6.53E-10	3.65	3.90E-04	0.33	9.17E-01	EGA2-2
ENSMMUG00000015347	PRKDC	Protein Kinase, DNA-activated, Catalytic Polypeptide	8.74	22.05	47.75	64.51	1.35	5.37E-03	1.19	1.49E-02	0.66	4.27E-01	EGA2-2
ENSMMUG00000021314	LOC695327	40S Ribosomal Protein S20-like	79.67	433.65	894.33	633.34	2.38	1.79E-11	1.27	7.79E-04	-0.48	4.90E-01	EGA2-2
ENSMMUG00000028967	LOC695340	60S Ribosomal Protein L19 Pseudogene	85.49	322.92	474.52	387.78	1.82	5.51E-12	0.68	1.93E-02	-0.28	6.22E-01	EGA2-2
ENSMMUG00000005141	RPL7	Ribosomal Protein L7	71.22	220.37	549.66	367.67	1.71	1.60E-05	1.53	1.31E-04	-0.74	2.47E-01	EGA2-2
ENSMMUG00000013907			16.74	62.72	210.75	125.78	1.81	3.88E-05	1.95	8.52E-06	-0.80	2.60E-01	EGA2-2
ENSMMUG00000017786	PABPC1	Poly(A) Binding Protein Cytoplasmic 1	132.47	218.06	490.02	562.58	0.59	5.80E-03	1.35	8.30E-12	0.12	8.26E-01	EGA2-2
ENSMMUG00000006489	YWHAZ	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase Activation Protein Zeta	17.30	66.61	188.25	284.06	1.85	6.97E-03	1.57	2.32E-02	0.68	6.07E-01	EGA2-2
ENSMMUG00000011359	EIF3E	Eukaryotic Translation Initiation Factor 3 Subunit E	7.87	22.16	42.33	50.85	1.35	2.62E-02	1.48	1.21E-02	-0.11	9.61E-01	EGA2-2
ENSMMUG00000041293			8.13	28.54	69.22	65.74	2.12	9.55E-09	1.40	2.46E-04	-0.15	8.96E-01	EGA2-2
ENSMMUG00000022933	TOP1MT	DNA Topoisomerase I Mitochondrial	0.09	2.51	14.68	20.67	3.90	6.09E-06	3.77	8.67E-06	0.74	7.01E-01	EGA2-2
ENSMMUG00000001645	EEF1D	Eukaryotic Translation Elongation Factor 1 Delta	2.73	11.00	20.98	20.06	1.76	3.53E-06	1.27	1.18E-03	-0.36	6.70E-01	EGA2-2
ENSMMUG00000002663	FOXH1	Forkhead Box H1	0.03	0.46	3.29	7.57	4.80	1.79E-04	2.79	2.69E-02	1.45	5.28E-01	EGA2-2
ENSMMUG00000019282			10.40	34.40	77.51	54.24	1.86	4.16E-05	1.37	3.62E-03	-0.57	5.07E-01	EGA2-2
ENSMMUG00000032104	LOC107000401	60S Ribosomal Protein L39	6.96	43.34	165.99	152.10	2.53	9.41E-05	2.63	3.42E-05	-0.94	4.10E-01	EGA2-2
ENSMMUG00000008584	SLCO1A2	Solute Carrier Organic Anion Transporter Family Member 1A2	0.00	0.02	1.46	2.87	2.79	4.88E-02	6.93	3.18E-11	1.15	5.90E-01	EGA2-2
ENSMMUG00000015381	KRAS	KRAS Proto-oncogene, GTPase	1.41	11.79	31.79	10.46	2.36	8.70E-03	1.84	4.49E-02	-1.10	4.89E-01	EGA2-2
ENSMMUG00000006154	TWF1	Twinfilin Actin Binding Protein 1	1.24	7.08	15.87	27.13	2.18	9.65E-03	1.86	2.79E-02	0.29	9.05E-01	EGA2-2
ENSMMUG00000043327			0.97	30.04	120.15	137.46	4.89	4.81E-08	2.63	5.27E-03	-0.51	8.32E-01	EGA2-2
ENSMMUG00000031770	LOC717674	60S Ribosomal Protein L32 Pseudogene	9.91	43.40	127.36	87.61	2.27	4.47E-07	1.77	1.08E-04	-0.54	5.42E-01	EGA2-2
ENSMMUG00000031717	LOC693645	60S Ribosomal Protein L36a	53.20	209.12	438.89	303.42	2.01	1.84E-06	1.10	1.41E-02	-0.31	7.59E-01	EGA2-2

ENSMMUG00000031711	LOC694937	60S Ribosomal Protein L31 Pseudogene	125.28	269.48	1140.24	548.41	1.22	2.55E-02	1.33	1.20E-02	-0.83	3.30E-01	EGA2-2
ENSMMUG00000006383			58.28	182.01	407.76	277.11	1.55	3.94E-05	1.17	2.73E-03	-0.52	4.47E-01	EGA2-2
ENSMMUG00000004504	KITLG	KIT Ligand	0.03	10.74	20.97	4.96	7.41	1.14E-14	2.18	3.94E-02	-1.17	5.51E-01	EGA2-2
ENSMMUG00000044430			11.58	33.25	83.77	53.63	1.65	7.32E-04	1.38	5.04E-03	-0.67	4.36E-01	EGA2-2
ENSMMUG00000016804	NUDT4	Nudix Hydrolase 4	8.82	81.78	164.39	131.19	2.78	1.94E-06	1.53	1.42E-02	-0.30	8.53E-01	EGA2-2
ENSMMUG00000047411			101.50	164.87	370.52	416.61	0.52	2.92E-02	1.42	3.07E-11	0.07	9.20E-01	EGA2-2
ENSMMUG00000002029			28.70	112.52	280.04	221.66	1.89	2.07E-05	1.34	3.53E-03	-0.15	9.15E-01	EGA2-2
ENSMMUG00000039321	LOC700257	40S Ribosomal Protein S12 Pseudogene	42.25	185.13	437.68	400.97	2.08	6.33E-09	1.46	8.40E-05	-0.07	9.62E-01	EGA2-2
ENSMMUG00000049195	LOC710331	40S Ribosomal Protein S12 Pseudogene	14.32	66.84	128.23	104.85	1.99	1.70E-05	1.21	1.30E-02	-0.47	6.28E-01	EGA2-2
ENSMMUG00000013446	LOC694628	Annexin A8	0.10	4.03	91.32	189.21	4.56	5.41E-06	5.41	2.66E-08	0.82	7.19E-01	EGA2-2
ENSMMUG00000045511			32.02	70.43	212.53	151.99	0.99	3.56E-02	1.83	2.17E-05	-0.33	7.45E-01	EGA2-2
ENSMMUG00000018572	GHITM	Growth Hormone Inducible Transmembrane Protein	26.83	65.10	178.82	125.84	1.12	4.28E-02	1.87	2.26E-04	-0.95	2.33E-01	EGA2-2
ENSMMUG00000030562	RPS24	Ribosomal Protein S24	16.15	84.06	148.61	83.21	2.28	3.03E-14	0.99	2.39E-03	-0.82	6.65E-02	EGA2-2
ENSMMUG00000008691	VDAC2	Voltage Dependent Anion Channel 2	6.03	41.96	130.90	85.52	2.69	5.52E-06	1.50	1.74E-02	-0.28	8.66E-01	EGA2-2
ENSMMUG00000023198	TET1	Tet Methylcytosine Dioxygenase 1	0.41	16.51	73.16	81.87	4.91	1.31E-14	2.66	7.22E-05	-0.37	8.34E-01	EGA2-2
ENSMMUG00000019825	UBE2D1	Ubiquitin Conjugating Enzyme E2 D1	1.75	8.48	21.40	22.30	2.18	4.03E-03	1.85	1.53E-02	-0.23	9.17E-01	EGA2-2
ENSMMUG00000009079			3.15	14.50	55.68	58.81	2.01	7.17E-04	2.34	5.28E-05	-0.17	9.31E-01	EGA2-2
ENSMMUG00000015334	GSTO1	Glutathione S-transferase Omega 1	0.38	1.50	9.85	6.16	2.84	3.18E-02	3.27	9.66E-03	-2.37	2.09E-01	EGA2-2
ENSMMUG00000000558			83.20	375.28	650.38	675.35	2.11	2.66E-07	0.94	3.74E-02	0.00	9.99E-01	EGA2-2
ENSMMUG00000008994	EIF3A	Eukaryotic Translation Initiation Factor 3 Subunit A	16.61	112.05	175.27	155.39	2.62	7.46E-13	0.91	2.58E-02	-0.26	7.91E-01	EGA2-2
ENSMMUG00000009594	FGFR2	Fibroblast Growth Factor Receptor 2	0.26	2.68	44.60	23.31	2.61	6.17E-03	4.59	2.21E-07	-0.92	6.26E-01	EGA2-2
ENSMMUG00000046340			0.17	2.05	13.74	5.77	5.03	3.88E-03	3.86	9.07E-03	0.34	9.48E-01	EGA2-2
ENSMMUG00000022445	BNIP3	BCL2 Interacting Protein 3	41.56	79.46	228.13	166.67	1.02	2.10E-02	1.53	2.35E-04	-0.84	1.83E-01	EGA2-2
ENSMMUG00000042113	LOC704588	60S Ribosomal Protein L31 Pseudogene	208.08	393.24	1956.25	886.04	1.15	4.68E-02	1.42	9.69E-03	-0.88	3.12E-01	EGA2-2
ENSMMUG00000021273			5.76	19.56	42.97	39.00	1.48	2.78E-02	1.42	3.17E-02	-0.33	8.42E-01	EGA2-2
ENSMMUG00000022547	RPS13	Ribosomal Protein S13	95.33	382.84	786.94	550.72	1.81	1.27E-07	1.31	2.11E-04	-0.82	1.06E-01	EGA2-2
ENSMMUG00000016446	PSMA1	Proteasome Subunit Alpha 1	0.59	3.63	16.79	19.97	1.74	4.60E-02	2.98	1.78E-04	0.75	6.59E-01	EGA2-2
ENSMMUG00000038913			2.51	9.33	38.06	32.45	1.95	1.06E-02	2.09	3.74E-03	-0.33	8.69E-01	EGA2-2
ENSMMUG00000010455	FOLR1	Folate Receptor 1	0.13	4.37	26.07	73.06	3.45	1.77E-03	3.66	5.78E-04	1.64	3.63E-01	EGA2-2
ENSMMUG00000046225			3.40	9.76	23.40	11.48	1.50	2.77E-02	1.59	1.58E-02	-0.35	8.30E-01	EGA2-2
ENSMMUG00000030947			41.19	163.91	333.52	225.05	1.68	1.25E-05	1.29	1.06E-03	-0.91	1.03E-01	EGA2-2
ENSMMUG00000014792	FAM76B	Family With Sequence Similarity 76 Member B	0.33	2.18	4.88	5.47	2.34	5.54E-03	2.06	1.43E-02	1.25	3.61E-01	EGA2-2
ENSMMUG00000017568	DLAT	Dihydrolipoamide S-acetyltransferase	9.68	24.38	70.33	71.61	1.19	4.03E-02	1.50	6.88E-03	-0.04	9.84E-01	EGA2-2
ENSMMUG00000043558	TIMM8B	Translocase Of Inner Mitochondrial Membrane 8 Homolog B	1.52	15.84	41.08	32.45	2.73	1.97E-03	2.05	2.27E-02	-0.31	9.04E-01	EGA2-2
ENSMMUG00000045160			0.43	2.70	9.41	5.61	2.47	1.44E-03	2.29	3.09E-03	-1.19	3.56E-01	EGA2-2
ENSMMUG00000018651	DDX6	DEAD-box Helicase 6	10.62	24.60	66.44	66.97	1.11	1.56E-03	1.29	1.55E-04	0.13	8.98E-01	EGA2-2
ENSMMUG0000004696	HSPA8	Heat Shock Protein Family A (Hsp70) Member 8	34.24	136.25	255.77	292.96	1.67	7.85E-11	1.11	3.71E-05	0.30	5.85E-01	EGA2-2
ENSMMUG00000010691	LOC706496	Ribosomal Protein L9-like	31.19	98.21	258.83	222.68	1.38	2.27E-05	1.84	9.29E-09	-0.31	6.64E-01	EGA2-2
ENSMMUG00000010730			23.75	81.49	280.00	219.56	1.65	1.74E-03	1.99	9.62E-05	-0.22	8.79E-01	EGA2-2
ENSMMUG00000008387	DPP4	Dipeptidyl Peptidase 4	0.19	21.77	151.19	335.59	6.65	5.64E-13	3.35	6.16E-04	0.50	8.48E-01	EGA2-2
ENSMMUG00000031424	LOC702713	40S Ribosomal Protein S20 Pseudogene	25.24	132.14	279.01	228.14	2.33	1.22E-11	1.42	7.20E-05	-0.39	5.89E-01	EGA2-2
ENSMMUG00000031367			27.72	104.27	242.11	204.80	1.77	2.78E-04	1.57	1.37E-03	-0.32	7.91E-01	EGA2-2

ENSMMUG00000001054	EEF1B2	Eukaryotic Translation Elongation Factor 1 Beta 2	40.30	127.57	246.66	239.51	1.77	1.31E-03	1.17	4.27E-02	-0.31	8.21E-01	EGA2-2
ENSMMUG00000004941			16.18	44.56	128.13	139.12	1.72	2.62E-04	1.58	8.14E-04	0.00	9.99E-01	EGA2-2
ENSMMUG000000012318	ATIC	5-aminoimidazole-4-carboxamide Ribonucleotide Formyltransferase/IMP Cyclohydrolase	30.70	55.27	101.90	187.13	1.02	4.04E-02	1.06	2.81E-02	0.73	3.45E-01	EGA2-2
ENSMMUG00000001927	XRCC5	X-ray Repair Cross Complementing 5	12.59	47.75	126.92	70.83	1.90	2.32E-03	1.75	5.10E-03	-0.72	5.36E-01	EGA2-2
ENSMMUG000000019544	RPL37A	Ribosomal Protein L37a	26.16	126.52	308.14	256.41	1.81	2.20E-05	2.09	7.40E-07	-0.67	3.67E-01	EGA2-2
ENSMMUG00000007685	FARSB	Phenylalanyl-tRNA Synthetase Beta Subunit	6.16	17.45	36.13	37.27	1.25	4.13E-02	1.65	4.32E-03	-0.80	4.27E-01	EGA2-2
ENSMMUG000000043595	LOC100429752	60S Ribosomal Protein L39 Pseudogene	7.03	31.60	165.59	144.91	2.18	1.20E-03	2.87	7.18E-06	-0.87	4.68E-01	EGA2-2
ENSMMUG000000037583			1.96	10.15	19.40	17.80	2.39	9.35E-09	0.99	2.93E-02	0.09	9.56E-01	EGA2-2
ENSMMUG000000005217	HSPA5	Heat Shock Protein Family A (Hsp70) Member 5	19.67	83.33	174.95	102.04	1.49	1.45E-02	1.60	6.74E-03	-0.99	2.89E-01	EGA2-2
ENSMMUG000000023255	CDK5RAP2	CDK5 Regulatory Subunit Associated Protein 2	0.90	5.68	21.12	8.29	2.80	1.68E-04	1.86	1.67E-02	-1.40	2.31E-01	EGA2-2
ENSMMUG000000006088	KLF4	Kruppel Like Factor 4	1.13	4.90	48.46	28.68	1.45	2.00E-02	3.80	1.17E-11	-1.29	1.31E-01	EGA2-2
ENSMMUG000000043473	LOC100423218	60S Ribosomal Protein L19 Pseudogene	108.99	383.93	603.23	498.79	1.72	2.48E-09	0.78	1.34E-02	-0.28	6.73E-01	EGA2-2
ENSMMUG0000000031768			22.79	78.86	224.72	204.17	1.70	4.87E-04	1.86	1.04E-04	-0.35	7.64E-01	EGA2-2
ENSMMUG000000016632			6.99	30.94	99.40	57.90	2.19	1.53E-05	1.89	2.25E-04	-0.82	3.45E-01	EGA2-2
ENSMMUG000000002920			36.63	143.70	379.51	304.35	1.91	2.77E-05	1.43	2.36E-03	-0.07	9.67E-01	EGA2-2
ENSMMUG000000011868	PSAT1	Phosphoserine Aminotransferase 1	0.09	1.53	21.19	9.33	3.28	6.53E-03	4.34	1.40E-04	-2.30	1.91E-01	EGA2-2
ENSMMUG000000017609	CTSL	Cathepsin L	0.26	1.42	32.04	50.85	2.77	1.62E-03	4.64	1.65E-08	1.42	3.11E-01	EGA2-2
ENSMMUG000000047234	LOC695327	40S Ribosomal Protein S20-like	85.23	470.23	968.52	715.15	2.36	9.73E-12	1.34	2.35E-04	-0.50	4.47E-01	EGA2-2
ENSMMUG000000022971	CTSV	Cathepsin V	0.58	6.99	33.59	18.66	3.57	1.21E-07	2.83	3.85E-05	-1.42	1.78E-01	EGA2-2
ENSMMUG000000011870	RPS7	Ribosomal Protein S7	36.09	119.27	206.16	151.15	1.66	3.61E-07	0.92	8.59E-03	-0.48	4.21E-01	EGA2-2
ENSMMUG000000016678	ROCK2	Rho Associated Coiled-coil Containing Protein Kinase 2	2.05	11.92	41.71	33.18	2.58	1.31E-04	1.96	4.66E-03	-0.54	7.25E-01	EGA2-2
ENSMMUG000000018060			7.54	32.48	77.75	84.13	2.17	2.34E-04	1.72	4.21E-03	-0.09	9.69E-01	EGA2-2
ENSMMUG000000008248	LOC106995591	Aldose 1-epimerase-like	0.05	1.93	6.57	12.31	4.10	8.87E-04	2.70	1.91E-02	2.16	2.15E-01	EGA2-2
ENSMMUG000000005253			32.89	124.62	335.03	275.04	1.84	6.44E-06	1.47	4.32E-04	-0.11	9.36E-01	EGA2-2
ENSMMUG000000019841	LRPPRC	Leucine Rich Pentatricopeptide Repeat Containing	5.05	32.31	97.71	88.41	2.55	2.37E-06	1.62	4.24E-03	0.12	9.51E-01	EGA2-2
ENSMMUG000000012390	EPCAM	Epithelial Cell Adhesion Molecule	2.92	12.94	68.84	95.98	2.10	1.09E-02	2.10	9.82E-03	0.91	5.53E-01	EGA2-2
ENSMMUG000000008104	PSME4	Proteasome Activator Subunit 4	3.61	25.62	77.25	60.09	2.46	4.38E-05	1.85	2.88E-03	-0.62	6.19E-01	EGA2-2
ENSMMUG000000015563	RPS27A	Ribosomal Protein S27a	36.83	174.41	530.08	330.06	2.12	1.76E-07	1.96	1.78E-06	-0.71	3.05E-01	EGA2-2
ENSMMUG000000019075	LOC718926	Putative Prolyl-tRNA Synthetase Associated Domain-containing Protein 1	0.03	0.61	6.27	1.25	6.05	2.33E-04	3.61	1.28E-02	-1.97	4.46E-01	EGA2-2
ENSMMUG000000006503	AFTPH	Aftiphilin	1.45	5.42	11.52	4.90	1.63	1.36E-02	1.46	2.68E-02	-0.92	4.07E-01	EGA2-2
ENSMMUG000000002090	ATP6V1B1	ATPase H+ Transporting V1 Subunit B1	0.01	0.32	6.34	38.12	3.27	3.71E-02	3.52	8.98E-03	2.44	2.27E-01	EGA2-2
ENSMMUG000000011845	HK2	Hexokinase 2	0.57	28.61	93.92	94.59	6.12	1.37E-21	1.88	8.75E-03	0.13	9.60E-01	EGA2-2
ENSMMUG000000018977	CKB	Creatine Kinase, Brain	6.58	21.59	73.55	75.86	1.49	4.69E-02	1.83	1.07E-02	-0.25	9.05E-01	EGA2-2
ENSMMUG000000021281	LOC709650	60S Ribosomal Protein L36a-like	48.01	183.25	422.88	295.67	1.91	8.42E-06	1.34	2.70E-03	-0.38	6.96E-01	EGA2-2
ENSMMUG000000009873	RPL31	Ribosomal Protein L31	160.74	380.97	1556.60	762.91	1.23	2.44E-02	1.47	4.95E-03	-0.77	3.82E-01	EGA2-2
ENSMMUG000000045362			8.83	50.74	108.06	81.45	2.47	1.66E-11	1.23	1.69E-03	-0.32	7.13E-01	EGA2-2
ENSMMUG000000041748	LOC699695	60S Ribosomal Protein L17 Pseudogene	15.04	51.99	129.18	111.30	1.89	4.79E-04	1.65	2.64E-03	-0.64	5.32E-01	EGA2-2

ENSMMUG00000040977	LOC706340	60S Ribosomal Protein L31 Pseudogene	138.14	323.18	1322.89	628.19	1.29	8.04E-03	1.55	9.65E-04	-1.04	1.29E-01	EGA2-2
ENSMMUG00000030680	LOC701250	Ribosomal Protein L7-like	59.61	179.85	440.45	296.08	1.69	2.23E-05	1.45	3.12E-04	-0.67	3.18E-01	EGA2-2
ENSMMUG00000004807			7.69	31.64	113.42	70.07	1.92	4.67E-06	2.28	3.47E-08	-0.83	2.11E-01	EGA2-2
ENSMMUG00000013531	IPO5	Importin 5	5.98	13.31	25.60	30.89	1.15	8.24E-04	0.96	5.92E-03	0.20	8.19E-01	EGA2-2
ENSMMUG00000009790	LAMP1	Lysosomal Associated Membrane Protein 1	16.45	32.45	83.25	74.68	1.14	2.35E-03	1.07	4.29E-03	-0.01	9.97E-01	EGA2-2
ENSMMUG00000021297			0.00	0.87	5.02	2.83	4.66	1.93E-02	3.72	3.84E-02	0.31	9.64E-01	EGA2-2
ENSMMUG00000007560	PRELID3B	PRELI Domain Containing 3B	19.89	47.24	103.28	92.29	1.07	4.35E-02	1.27	1.22E-02	-0.21	8.78E-01	EGA2-2
ENSMMUG00000044031			26.62	111.38	299.14	247.35	1.73	8.55E-05	2.09	1.39E-06	-0.56	5.02E-01	EGA2-2
ENSMMUG00000016306	AHCY	Adenosylhomocysteinase	2.63	9.84	36.09	33.91	2.35	7.88E-04	1.82	1.12E-02	-0.23	9.14E-01	EGA2-2
ENSMMUG00000015993	SIRPB2	Signal Regulatory Protein Beta 2	0.41	1.16	2.32	1.76	1.33	1.34E-02	1.18	2.72E-02	-0.28	8.30E-01	EGA2-2
ENSMMUG00000031128	POTEH	POTE Ankyrin Domain Family Member H	0.02	0.18	1.36	0.70	4.17	4.88E-03	2.87	2.29E-02	-0.93	7.47E-01	EGA2-2
ENSMMUG00000009106	MIF	Macrophage Migration Inhibitory Factor	0.46	2.03	5.20	9.25	3.25	8.37E-04	2.07	4.14E-02	0.46	8.60E-01	EGA2-2
ENSMMUG00000020994	SUSD2	Sushi Domain Containing 2	0.02	0.48	4.53	8.33	3.12	3.03E-02	3.33	1.31E-02	0.32	9.45E-01	EGA2-2
ENSMMUG00000007221	HMOX1	Heme Oxygenase 1	1.34	23.63	100.03	120.93	3.03	9.49E-05	3.32	1.39E-05	-0.80	6.17E-01	EGA2-2
ENSMMUG00000006101	MYH9	Myosin Heavy Chain 9	2.18	7.81	24.02	49.90	2.01	8.85E-03	1.66	3.28E-02	1.02	4.34E-01	EGA2-2
ENSMMUG00000012754	EIF3D	Eukaryotic Translation Initiation Factor 3 Subunit D	3.77	16.54	41.14	36.23	2.17	4.48E-04	1.33	4.20E-02	-0.45	7.58E-01	EGA2-2
ENSMMUG00000001016	APOBEC3H	Apolipoprotein B mRNA Editing Enzyme Catalytic Subunit 3H	0.01	0.84	6.77	13.47	4.01	1.84E-02	5.30	3.22E-04	-1.90	4.77E-01	EGA2-2
ENSMMUG000000019118	ST13	ST13, Hsp70 Interacting Protein	32.35	62.74	105.02	115.51	1.01	4.09E-02	0.97	4.70E-02	0.03	9.87E-01	EGA2-2
ENSMMUG00000031005	RPL39	Ribosomal Protein L39	13.88	83.66	329.13	308.89	2.79	1.01E-05	2.52	6.57E-05	-0.76	5.37E-01	EGA2-2
ENSMMUG00000031002	LOC716593	60S Ribosomal Protein L34 Pseudogene	9.70	52.18	173.35	136.38	2.30	1.73E-03	1.97	7.62E-03	-0.61	7.04E-01	EGA2-2
ENSMMUG00000017518	SRR	Serine Racemase	0.33	1.75	5.04	4.92	2.03	2.80E-02	2.43	5.96E-03	-0.74	7.00E-01	EGA2-2
ENSMMUG00000030324			28.41	112.31	231.38	146.23	1.74	3.01E-06	1.27	9.45E-04	-0.87	1.15E-01	EGA2-2
ENSMMUG00000003448	RPL26	Ribosomal Protein L26	24.59	96.98	154.51	129.92	1.99	1.21E-08	0.80	4.04E-02	-0.18	8.52E-01	EGA2-2
ENSMMUG000000048453	RPL17	Ribosomal Protein L17	36.75	141.15	378.26	362.00	1.81	9.94E-05	1.82	8.81E-05	-0.38	7.22E-01	EGA2-2
ENSMMUG000000044871	LOC715154	40S Ribosomal Protein S17 Pseudogene	34.94	147.86	310.21	270.06	1.86	2.49E-05	1.48	9.72E-04	-0.33	7.52E-01	EGA2-2
ENSMMUG000000001116	SUZ12	SUZ12 Polycomb Repressive Complex 2 Subunit	2.21	33.22	85.47	89.46	3.92	4.75E-19	1.53	1.41E-03	-0.14	9.25E-01	EGA2-2
ENSMMUG000000042666			28.23	100.07	238.76	197.11	1.84	5.63E-05	1.36	3.96E-03	-0.22	8.65E-01	EGA2-2
ENSMMUG00000030217			1.75	53.89	228.39	283.03	4.98	5.24E-09	2.76	2.26E-03	-0.46	8.43E-01	EGA2-2
ENSMMUG000000039956			13.52	70.10	142.10	75.00	2.72	1.73E-11	0.95	3.67E-02	-0.92	1.44E-01	EGA2-2
ENSMMUG000000004502	RPL23	Ribosomal Protein L23	8.41	39.02	56.70	62.86	2.14	1.96E-09	0.89	2.28E-02	-0.08	9.52E-01	EGA2-2
ENSMMUG000000004235	RPL19	Ribosomal Protein L19	130.49	464.97	710.82	621.86	1.72	2.84E-09	0.76	1.64E-02	-0.28	6.74E-01	EGA2-2
ENSMMUG000000008090	RPL27	Ribosomal Protein L27	40.20	167.34	406.01	434.95	1.80	7.81E-05	1.72	1.62E-04	0.01	9.97E-01	EGA2-2
ENSMMUG000000029950	LOC713497	60S Ribosomal Protein L36a-like	29.14	109.37	248.18	174.72	1.97	2.30E-06	1.14	1.01E-02	-0.37	6.96E-01	EGA2-2
ENSMMUG000000006605			23.75	57.78	211.69	227.25	1.37	1.07E-02	2.17	1.48E-05	-0.18	9.04E-01	EGA2-2
ENSMMUG000000016595			0.11	3.49	6.30	3.96	4.37	1.39E-02	3.91	1.73E-02	-3.05	2.15E-01	EGA2-2
ENSMMUG000000020582	RPL38	Ribosomal Protein L38	54.47	274.00	391.38	386.00	2.28	6.18E-09	0.89	4.35E-02	-0.29	7.72E-01	EGA2-2
ENSMMUG000000013324	GPRC5C	G Protein-coupled Receptor Class C Group 5 Member C	0.03	0.26	5.30	7.55	2.79	1.99E-02	4.82	5.89E-06	2.49	1.17E-01	EGA2-2
ENSMMUG000000022412			2.00	30.98	65.19	65.62	4.17	2.52E-23	1.34	3.75E-03	-0.30	7.91E-01	EGA2-2
ENSMMUG000000003094	CLDN6	Claudin 6	0.17	9.70	74.07	134.62	4.90	3.06E-08	4.12	3.00E-06	0.50	8.33E-01	EGA2-2
ENSMMUG000000029087	LOC710665	60S Ribosomal Protein L38 Pseudogene	10.41	49.76	84.57	71.73	2.04	2.03E-05	1.22	1.59E-02	-0.24	8.59E-01	EGA2-2
ENSMMUG000000006763	COX411	Cytochrome C Oxidase Subunit IV Isoform 1	14.54	34.70	88.50	104.05	1.31	2.11E-02	1.43	9.91E-03	-0.02	9.94E-01	EGA2-2
ENSMMUG000000017928	RPL13	Ribosomal Protein L13	25.09	124.70	295.00	271.30	2.37	6.26E-10	1.66	2.71E-05	-0.21	8.48E-01	EGA2-2
ENSMMUG000000010944	GATA6	GATA Binding Protein 6	10.84	40.94	135.56	122.26	1.68	3.84E-02	2.11	6.05E-03	0.04	9.91E-01	EGA2-2

ENSMMUG0000004664	IMPACT	Impact RWD Domain Protein	0.22	1.52	5.75	6.69	2.49	6.70E-03	2.75	2.03E-03	0.33	9.00E-01	EGA2-2
ENSMMUG0000007668	DSC3	Desmocollin 3	0.00	0.31	1.11	0.47	5.42	1.09E-03	3.20	3.78E-02	-0.31	9.54E-01	EGA2-2
ENSMMUG00000011687	DSC2	Desmocollin 2	0.02	0.85	7.10	30.20	5.17	3.64E-09	3.12	3.80E-04	1.91	1.43E-01	EGA2-2
ENSMMUG00000014216	TUBB4A	Tubulin Beta 4A Class IVa	2.46	560.57	2378.90	885.88	7.64	1.16E-15	2.43	2.35E-02	-2.09	1.76E-01	EGA2-2
ENSMMUG00000028889	RPL21	Ribosomal Protein L21	89.46	207.41	595.18	408.01	1.13	1.20E-02	1.66	7.71E-05	-0.39	6.69E-01	EGA2-2
ENSMMUG00000008820			1.21	12.10	26.91	12.82	2.50	1.77E-02	2.11	4.47E-02	-0.58	8.18E-01	EGA2-2
ENSMMUG00000014352			10.22	34.01	74.40	52.71	1.75	1.49E-04	1.02	3.77E-02	-0.65	4.32E-01	EGA2-2
ENSMMUG00000028830			16.33	47.02	88.95	104.93	1.24	1.02E-02	1.28	7.30E-03	-0.31	7.82E-01	EGA2-2
ENSMMUG00000003645			3.05	11.20	17.56	9.71	1.71	2.79E-04	1.24	1.12E-02	-0.88	2.36E-01	EGA2-2
ENSMMUG00000011287	LOC718556	40S Ribosomal Protein S6 Pseudogene	54.50	221.16	353.06	292.52	2.06	4.07E-15	0.78	7.08E-03	-0.28	6.31E-01	EGA2-2
ENSMMUG00000000249	CAPNS1	Calpain Small Subunit 1	17.53	52.55	128.27	197.32	1.40	1.33E-02	1.31	1.99E-02	0.47	6.89E-01	EGA2-2
ENSMMUG00000019370	RPS16	Ribosomal Protein S16	76.19	296.50	532.67	391.09	2.03	7.31E-10	1.27	2.43E-04	-0.72	1.71E-01	EGA2-2
ENSMMUG000000040167			15.78	47.31	96.85	71.71	1.68	5.23E-05	1.58	1.49E-04	-0.85	1.87E-01	EGA2-2
ENSMMUG00000007551	RPL13A	Ribosomal Protein L13a	57.74	249.40	472.67	483.98	2.06	1.49E-07	1.35	1.01E-03	-0.51	4.99E-01	EGA2-2
ENSMMUG00000006718			0.74	3.03	13.49	10.69	2.33	1.21E-02	2.03	2.88E-02	-0.14	9.67E-01	EGA2-2
ENSMMUG000000045606	MYADM	Myeloid Associated Differentiation Marker	6.22	15.20	50.16	51.76	1.44	1.39E-02	1.91	5.89E-04	-0.21	9.00E-01	EGA2-2
ENSMMUG000000028684	ATP8	ATP Synthase FO Subunit 8	#####	#####	#####	#####	1.62	4.51E-02	1.93	1.27E-02	-0.14	9.61E-01	EGA2-2
ENSMMUG000000028673	ND5	NADH Dehydrogenase Subunit 5	#####	#####	#####	#####	1.50	4.66E-02	1.94	6.51E-03	-0.20	9.28E-01	EGA2-2
ENSMMUG000000028672	ND6	NADH Dehydrogenase Subunit 6	#####	7324.69	#####	#####	1.59	4.08E-02	1.65	2.91E-02	0.27	9.00E-01	EGA2-2
ENSMMUG000000001813	LOC723080	POTE Ankyrin Domain Family Member H-like	0.09	0.32	3.28	5.24	2.96	3.64E-02	3.22	7.86E-03	0.75	8.03E-01	EGA2-2
ENSMMUG000000045916			0.01	1.28	9.92	1.71	6.18	5.83E-04	3.39	4.71E-02	-3.80	1.06E-01	EGA2-2
ENSMMUG000000041147			107.65	240.80	1121.98	500.20	1.22	2.15E-02	1.57	1.86E-03	-1.00	1.90E-01	EGA2-2
ENSMMUG000000045339			45.50	168.37	314.50	283.50	1.98	4.37E-08	1.07	5.45E-03	-0.24	7.94E-01	EGA2-2
ENSMMUG000000048181			4.70	14.67	37.89	29.03	1.65	1.35E-04	1.23	5.64E-03	0.12	9.32E-01	EGA2-2
ENSMMUG000000044249			110.51	405.50	609.19	473.75	1.76	2.29E-09	0.69	3.48E-02	-0.29	6.52E-01	EGA2-2
ENSMMUG000000043502			34.42	178.92	419.96	341.41	2.23	5.32E-09	1.51	1.31E-04	-0.74	2.39E-01	EGA2-2
ENSMMUG000000045462	RPL34	Ribosomal Protein L34	14.09	74.48	215.68	180.98	2.16	5.60E-03	1.80	2.22E-02	-0.52	7.72E-01	EGA2-2
ENSMMUG00000019576			17.49	73.32	175.73	123.89	1.95	7.70E-05	1.42	5.25E-03	-0.18	9.02E-01	EGA2-2
ENSMMUG000000000373	SLC2A1	Solute Carrier Family 2 Member 1	0.20	8.86	8.72	127.86	6.43	3.24E-11	-1.83	9.97E-02	5.54	4.94E-07	EGA2-4
ENSMMUG000000045318			1.18	2.07	3.18	19.28	1.83	3.91E-02	-0.62	5.52E-01	3.61	1.22E-04	EGA2-4
ENSMMUG000000005350	EFNA1	Ephrin A1	0.15	1.83	1.55	3.44	4.40	1.40E-02	-0.86	6.72E-01	4.93	1.32E-02	EGA2-4
ENSMMUG000000021371	GATA2	GATA Binding Protein 2	0.02	0.92	7.45	50.84	4.27	2.01E-04	-0.57	7.09E-01	5.75	6.92E-07	EGA2-4
ENSMMUG000000012737	PLXND1	Plexin D1	0.48	21.35	3.75	9.77	3.87	4.99E-03	-2.50	8.47E-02	4.50	6.32E-03	EGA2-4
ENSMMUG000000045015	ANKRD61	Ankyrin Repeat Domain 61	0.02	1.26	0.26	1.28	7.35	3.87E-04	-2.50	2.63E-01	5.64	2.37E-02	EGA2-4
ENSMMUG000000020139	ZNF789	Zinc Finger Protein 789	0.45	1.49	0.94	2.48	2.49	3.40E-02	-1.02	4.53E-01	2.97	4.63E-02	EGA2-4
ENSMMUG000000006202	SLC1A3	Solute Carrier Family 1 Member 3	0.02	0.16	0.06	2.31	5.41	9.58E-03	-3.61	7.43E-02	12.47	1.95E-10	EGA2-4
ENSMMUG000000004483	HARS2	Histidyl-tRNA Synthetase 2, Mitochondrial	1.11	11.44	4.93	9.43	3.11	2.80E-04	-1.03	3.10E-01	2.48	2.66E-02	EGA2-4
ENSMMUG00000010621	HAND1	Heart And Neural Crest Derivatives Expressed 1	0.00	0.06	2.00	4.43	18.57	3.10E-20	-0.11	9.74E-01	6.67	6.02E-03	EGA2-4
ENSMMUG000000004919	FGFR4	Fibroblast Growth Factor Receptor 4	0.01	1.29	1.10	7.07	7.48	3.62E-07	-1.09	5.39E-01	3.84	4.30E-02	EGA2-4
ENSMMUG00000015693	LY6G6C	Lymphocyte Antigen 6 Family Member G6C	0.06	4.62	6.52	118.66	6.05	1.14E-04	-2.68	9.93E-02	5.74	7.69E-04	EGA2-4
ENSMMUG000000041372	CD24	CD24 Molecule	0.05	1.10	2.65	30.04	4.59	5.06E-04	-0.83	6.32E-01	6.78	2.21E-06	EGA2-4
ENSMMUG000000043240			0.15	4.47	4.68	10.18	7.46	2.95E-02	-5.01	1.57E-01	9.57	1.51E-02	EGA2-4
ENSMMUG00000019691	G2E3	G2/M-phase Specific E3 Ubiquitin Protein Ligase	0.26	3.79	3.61	6.38	3.11	7.07E-05	0.34	7.65E-01	2.42	1.67E-02	EGA2-4
ENSMMUG000000047259	PLCXD1	Phosphatidylinositol Specific Phospholipase C X Domain Containing 1	0.19	0.52	1.68	3.70	2.51	2.40E-03	1.36	1.21E-01	2.62	8.59E-03	EGA2-4
ENSMMUG000000003251	XAGE3	X Antigen Family Member 3	0.01	0.37	1.71	36.71	4.96	6.12E-03	1.11	5.70E-01	6.23	7.76E-04	EGA2-4
ENSMMUG000000017783	LOC100424148	Uncharacterized Protein CXorf49-like	0.00	3.01	0.64	0.37	10.02	1.20E-07	-3.62	5.73E-02	5.33	3.00E-02	EGA2-4

ENSMMUG00000012874	PGK1	Phosphoglycerate Kinase 1	3.10	8.73	23.32	66.49	2.04	4.67E-02	1.32	2.24E-01	2.54	4.56E-02	EGA2-4
ENSMMUG00000022301	AHNAK	AHNAK Nucleoprotein	2.63	6.19	20.74	134.15	1.77	3.92E-02	-0.05	9.69E-01	4.15	1.92E-06	EGA2-4
ENSMMUG00000016438	PRKD3	Protein Kinase D3	1.89	5.65	5.27	11.24	1.58	1.64E-02	-0.37	6.63E-01	1.82	2.52E-02	EGA2-4
ENSMMUG00000000005	NAGA	Alpha-N-acetylgalactosaminidase	0.05	0.83	4.58	21.68	3.98	1.22E-02	1.75	2.68E-01	3.62	4.58E-02	EGA2-4
ENSMMUG00000002424	FBLN1	Fibulin 1	0.31	2.99	1.90	8.00	3.67	6.84E-03	-0.90	5.96E-01	3.51	4.54E-02	EGA2-4
ENSMMUG00000045660	FAM83G	Family With Sequence Similarity 83 Member G	0.02	0.18	0.42	1.67	4.70	5.82E-03	-1.89	3.11E-01	5.42	6.01E-03	EGA2-4
ENSMMUG00000003324	PRR15L	Proline Rich 15 Like	0.00	3.65	0.21	1.81	6.57	4.90E-05	-1.82	2.80E-01	6.98	3.77E-05	EGA2-4
ENSMMUG00000018011	SPHK1	Sphingosine Kinase 1	0.00	2.18	2.56	8.60	6.75	5.18E-04	0.36	8.88E-01	5.32	1.49E-02	EGA2-4
ENSMMUG00000040362	EMP2	Epithelial Membrane Protein 2	0.17	15.69	20.79	78.32	6.25	2.00E-12	0.02	9.87E-01	2.92	1.47E-02	EGA2-4
ENSMMUG00000011690	DSC1	Desmocollin 1	0.00	0.42	0.78	6.82	3.64	1.91E-02	-1.52	3.77E-01	4.73	6.18E-03	EGA2-4
ENSMMUG00000019976	ATP8B1	ATPase Phospholipid Transporting 8B1	0.63	2.78	1.04	10.62	2.09	3.80E-02	-1.50	1.54E-01	3.52	1.64E-03	EGA2-4
ENSMMUG00000040573	PMAIP1	Phorbol-12-myristate-13-acetate-induced Protein 1	0.19	1.22	1.36	5.04	4.50	1.38E-02	-2.82	1.36E-01	4.66	4.01E-02	EGA2-4
ENSMMUG00000008938	CNDP2	Carnosine Dipeptidase 2	0.71	4.97	6.86	22.46	3.12	5.16E-06	0.21	8.39E-01	2.05	2.44E-02	EGA2-4
ENSMMUG00000000159	REX1BD	Required For Excision 1-B Domain Containing	0.12	2.17	4.94	9.71	5.68	9.75E-11	0.02	9.86E-01	2.52	3.00E-02	EGA2-4
ENSMMUG00000023207	FXYS5	FXYS5 Domain Containing Ion Transport Regulator 5	0.01	0.31	0.25	1.55	7.17	3.99E-04	-1.42	5.35E-01	5.03	3.79E-02	EGA2-4
ENSMMUG00000044981	MIR519A-2	MicroRNA 519a-2	0.00	0.65	3.15	1.90	15.26	3.22E-03	-0.41	9.59E-01	16.95	6.17E-03	EGA2-4
ENSMMUG00000042322			0.00	2.61	0.48	1.67	20.92	1.25E-24	-0.67	8.20E-01	6.61	8.83E-03	EGA2-4
ENSMMUG00000011264			1.17	15.27	14.98	0.72	3.76	6.52E-03	-0.43	8.26E-01	-4.03	2.06E-02	EGA2-3
ENSMMUG00000032121	ZYG11A	Zyg-11 Family Member A, Cell Cycle Regulator	0.65	15.72	18.50	4.66	4.70	3.83E-16	0.28	7.46E-01	-2.00	1.04E-02	EGA2-3
ENSMMUG00000013680	FAM151A	Family With Sequence Similarity 151 Member A	0.00	5.54	4.08	0.13	10.09	3.29E-09	-0.30	9.05E-01	-5.79	6.28E-03	EGA2-3
ENSMMUG00000031542	IGSF8	Immunoglobulin Superfamily Member 8	0.03	2.16	4.20	0.33	10.92	2.69E-08	1.76	4.71E-01	-5.50	3.40E-02	EGA2-3
ENSMMUG00000046792			0.01	1.12	1.69	0.04	6.86	4.28E-05	1.81	3.62E-01	-6.82	9.86E-04	EGA2-3
ENSMMUG00000002861	TMEM45A	Transmembrane Protein 45A	0.34	6.81	7.65	0.47	4.04	1.01E-03	0.67	6.84E-01	-4.56	1.88E-03	EGA2-3
ENSMMUG00000014231	BTLA	B And T Lymphocyte Associated	0.08	2.31	13.95	0.54	5.39	1.97E-06	2.04	1.04E-01	-4.34	1.72E-03	EGA2-3
ENSMMUG00000016395	ARGFX	Arginine-fifty Homeobox	0.16	82.11	144.27	31.98	8.71	2.52E-23	1.35	1.95E-01	-2.81	1.76E-02	EGA2-3
ENSMMUG00000031684	FAM198A	Family With Sequence Similarity 198 Member A	0.57	10.89	9.83	1.18	3.37	4.33E-04	0.75	5.37E-01	-4.30	7.35E-05	EGA2-3
ENSMMUG00000020342	KAT2B	Lysine Acetyltransferase 2B	1.08	18.42	23.93	1.76	4.10	3.16E-07	0.93	3.49E-01	-4.20	4.89E-06	EGA2-3
ENSMMUG00000015473	CFAP97	Cilia And Flagella Associated Protein 97	9.21	36.14	35.38	6.13	1.40	1.21E-02	0.10	9.06E-01	-2.19	4.23E-04	EGA2-3
ENSMMUG00000045620			20.60	55.37	49.80	24.97	1.37	2.88E-04	-0.05	9.31E-01	-1.01	4.80E-02	EGA2-3
ENSMMUG00000011958			12.76	314.56	294.43	70.40	4.52	3.01E-16	-0.18	8.43E-01	-1.95	8.87E-03	EGA2-3
ENSMMUG00000002277	UBN2	Ubinuclein 2	15.68	33.08	22.49	13.29	1.00	3.05E-03	-0.66	6.18E-02	-0.91	3.90E-02	EGA2-3
ENSMMUG000000038794	BRIX1	BRX1, Biogenesis Of Ribosomes	9.56	22.51	16.91	7.26	1.25	6.27E-03	-0.40	4.60E-01	-1.18	4.67E-02	EGA2-3
ENSMMUG00000018972	POLR3G	RNA Polymerase III Subunit G	4.18	15.43	19.25	10.15	1.71	4.46E-03	0.74	2.79E-01	-1.72	2.28E-02	EGA2-3
ENSMMUG00000014782	STC2	Stanniocalcin 2	0.66	5.79	3.37	1.39	4.35	9.15E-05	-1.45	2.67E-01	-3.38	2.00E-02	EGA2-3
ENSMMUG00000015975			1.52	38.05	44.98	9.29	4.48	1.37E-12	0.02	9.85E-01	-2.18	9.92E-03	EGA2-3
ENSMMUG00000014072	IER3	Immediate Early Response 3	0.80	114.17	85.97	4.42	7.29	7.15E-14	-0.09	9.57E-01	-3.44	7.71E-03	EGA2-3
ENSMMUG00000029466			0.07	1.95	1.72	0.14	10.22	1.05E-06	-2.67	2.50E-01	-6.03	2.72E-02	EGA2-3
ENSMMUG00000020693	RSL24D1	Ribosomal L24 Domain Containing 1	13.99	54.68	64.59	31.46	1.71	1.11E-05	0.46	3.31E-01	-1.23	1.57E-02	EGA2-3
ENSMMUG00000014886	PAQR5	Progesterone And AdipoQ Receptor Family Member 5	0.01	0.91	0.54	0.09	4.69	6.97E-03	0.35	8.84E-01	-5.37	8.29E-03	EGA2-3
ENSMMUG00000004341	MAX	MYC Associated Factor X	119.37	603.01	567.18	99.45	2.38	9.55E-09	-0.31	5.88E-01	-2.20	4.40E-06	EGA2-3
ENSMMUG00000010620	WDR45	WD Repeat Domain 45	2.81	34.32	32.33	6.05	3.31	6.00E-05	-0.15	9.06E-01	-2.35	3.26E-02	EGA2-3



ENSMMUG00000021739			30.64	244.43	87.44	5.43	2.54	3.55E-03	-1.71	6.12E-02	-2.74	1.08E-02	EGA2-3
ENSMMUG00000022303	SLC7A2	Solute Carrier Family 7 Member 2	0.83	29.99	57.70	12.67	5.21	1.12E-08	1.52	1.54E-01	-2.58	4.43E-02	EGA2-3
ENSMMUG00000042006	CA13	Carbonic Anhydrase 13	0.06	5.96	4.53	0.16	6.05	1.84E-06	0.38	8.41E-01	-5.46	2.51E-04	EGA2-3
ENSMMUG00000003665	PLBD1	Phospholipase B Domain Containing 1	0.04	2.84	17.04	0.92	4.22	8.41E-03	3.06	5.92E-02	-4.69	1.59E-02	EGA2-3
ENSMMUG00000016628	HELB	DNA Helicase B	1.90	12.03	17.24	3.03	2.53	5.37E-04	0.59	5.23E-01	-2.66	2.38E-03	EGA2-3
ENSMMUG00000042077			0.08	26.49	49.87	5.67	8.79	3.25E-19	1.11	2.47E-01	-2.82	9.92E-03	EGA2-3
ENSMMUG00000012317	DPF2	Double PHD Fingers 2	33.03	253.17	195.10	39.26	2.85	2.78E-08	-0.48	4.75E-01	-1.68	1.38E-02	EGA2-3
ENSMMUG00000002183	OSBPL6	Oxysterol Binding Protein Like 6	1.51	5.63	7.71	1.32	1.88	7.85E-03	0.86	2.80E-01	-3.16	3.78E-05	EGA2-3
ENSMMUG00000003314	AQP3	Aquaporin 3 (Gill Blood Group)	10.74	217.24	90.25	15.72	4.23	2.34E-08	-0.92	3.26E-01	-2.80	3.78E-03	EGA2-3
ENSMMUG00000040135	PDCL3	Phosducin Like 3	20.47	517.61	543.56	126.34	4.56	2.17E-16	0.18	8.41E-01	-1.96	8.43E-03	EGA2-3
ENSMMUG00000010657	LOC700564	Melanoma Antigen Preferentially Expressed In Tumors	1.23	32.17	10.58	2.10	4.75	3.98E-07	-1.42	2.00E-01	-2.95	1.82E-02	EGA2-3
ENSMMUG00000012118	EFCAB5	EF-hand Calcium Binding Domain 5	0.04	2.35	1.87	0.20	4.94	1.03E-04	1.37	3.77E-01	-3.75	3.10E-02	EGA2-3
ENSMMUG00000047705			0.04	1.16	0.74	0.57	8.81	1.02E-05	-0.93	7.39E-01	-5.58	4.54E-02	EGA2-3
ENSMMUG00000019632	RSL1D1	Ribosomal L1 Domain Containing 1	71.54	256.81	245.91	88.87	1.76	2.29E-10	0.03	9.48E-01	-1.36	3.77E-05	EGA2-3
ENSMMUG00000013877	OTOA	Otoancorin	1.03	4.90	3.74	0.07	2.94	2.68E-02	-2.36	8.51E-02	-3.60	3.77E-02	EGA2-3
ENSMMUG00000018102	C20H16orf70	Chromosome 20 Open Reading Frame, Human C16orf70	5.56	17.76	16.21	5.07	1.73	1.21E-02	-0.02	9.85E-01	-2.17	8.28E-03	EGA2-3
ENSMMUG00000021792	ATP9B	ATPase Phospholipid Transporting 9B (putative)	5.42	18.21	7.63	2.92	1.56	2.37E-02	-0.95	1.98E-01	-1.89	2.59E-02	EGA2-3
ENSMMUG00000028843	SLC5A5	Solute Carrier Family 5 Member 5	0.12	2.53	0.41	0.02	5.40	2.07E-03	-1.51	4.63E-01	-5.91	6.14E-03	EGA2-3
ENSMMUG00000009292	ZIK1	Zinc Finger Protein Interacting With K Protein 1	3.00	10.26	5.87	1.46	1.76	2.48E-03	-0.86	1.85E-01	-1.70	2.20E-02	EGA2-3
ENSMMUG00000015673	ZIM3	Zinc Finger Imprinted 3	0.27	274.54	100.41	7.11	9.34	1.64E-34	-1.18	2.08E-01	-3.55	1.82E-04	EGA2-3
ENSMMUG00000012157	USP29	Ubiquitin Specific Peptidase 29	0.20	13.43	4.97	0.71	5.35	2.05E-10	-1.16	2.60E-01	-2.47	3.78E-02	EGA2-3
ENSMMUG00000039741	LOC720395	Class I Histocompatibility Antigen, Gogo-B*0101 Alpha Chain-like	0.13	3.95	11.63	0.61	5.50	4.75E-05	0.95	5.87E-01	-4.88	4.26E-03	EGA2-3
ENSMMUG00000007377	LOC106995802	Zinc Finger Protein 679-like	5.71	414.20	227.89	13.52	5.84	5.96E-17	-0.67	4.73E-01	-3.77	5.72E-06	EGA2-3
ENSMMUG000000041735			4.05	20.57	23.71	10.10	2.73	4.87E-05	0.03	9.78E-01	-2.03	2.20E-02	EGA2-3
ENSMMUG00000043586	ID3	Inhibitor Of DNA Binding 3, HLH Protein	0.22	2.24	3.47	1.50	3.08	8.09E-03	2.88	1.29E-02	-3.90	5.08E-03	EGA2-5
ENSMMUG00000032031	LOC713714	60S Ribosomal Protein L12 Pseudogene	90.60	215.32	463.94	383.19	0.97	7.35E-03	1.66	9.99E-07	-1.20	5.44E-03	EGA2-5
ENSMMUG00000001349	CHL1	Cell Adhesion Molecule L1 Like	0.00	0.75	0.80	0.49	9.48	1.54E-07	5.87	5.78E-04	-5.55	6.19E-03	EGA2-5
ENSMMUG00000031898			65.75	324.11	591.82	351.08	2.22	7.77E-13	1.06	1.51E-03	-0.89	4.58E-02	EGA2-5
ENSMMUG00000044501	LOC702620	60S Ribosomal Protein L12 Pseudogene	81.15	186.80	430.61	349.14	0.94	5.46E-03	1.76	2.26E-08	-1.17	3.30E-03	EGA2-5
ENSMMUG00000048214	LOC715037	60S Ribosomal Protein L12 Pseudogene	78.80	188.40	398.09	306.02	0.99	4.38E-03	1.59	1.36E-06	-1.20	3.29E-03	EGA2-5
ENSMMUG00000039222			82.51	194.68	402.21	334.32	0.95	8.19E-03	1.64	1.03E-06	-1.17	6.18E-03	EGA2-5
ENSMMUG00000042009			0.05	1.11	46.14	20.75	2.96	3.50E-03	7.82	6.09E-19	-2.75	2.52E-02	EGA2-5
ENSMMUG00000029534			148.33	738.03	1285.66	732.90	2.19	4.00E-13	1.03	1.52E-03	-0.91	3.26E-02	EGA2-5
ENSMMUG00000023265	AKAP12	A-kinase Anchoring Protein 12	0.27	12.88	185.26	31.19	4.07	1.11E-05	5.88	8.08E-11	-3.81	5.39E-04	EGA2-5
ENSMMUG00000014412			102.59	493.58	839.47	489.45	2.13	2.85E-11	1.00	3.82E-03	-0.94	3.84E-02	EGA2-5
ENSMMUG00000032052	LOC699681	60S Ribosomal Protein L12 Pseudogene	28.42	60.28	135.34	111.37	0.98	9.33E-03	1.64	3.84E-06	-1.06	2.47E-02	EGA2-5
ENSMMUG00000020873	SPIC	Spi-C Transcription Factor	0.02	2.70	42.69	18.78	4.08	2.15E-03	6.37	3.08E-08	-3.41	3.00E-02	EGA2-5

ENSMMUG00000041517	LOC100427498	60S Ribosomal Protein L12 Pseudogene	63.47	135.11	328.72	268.40	0.88	1.94E-02	1.79	1.86E-07	-1.15	9.19E-03	EGA2-5
ENSMMUG00000000422	RPL12	Ribosomal Protein L12	154.40	366.65	808.15	658.84	1.00	4.76E-03	1.68	3.83E-07	-1.20	4.01E-03	EGA2-5
ENSMMUG00000031250	LOC708085	60S Ribosomal Protein L31 Pseudogene	67.57	159.10	395.38	240.63	1.28	1.77E-03	1.47	2.20E-04	-1.11	3.73E-02	EGA2-5
ENSMMUG00000002704			69.66	344.55	618.20	346.13	2.18	1.16E-13	1.07	6.64E-04	-0.90	2.77E-02	EGA2-5
ENSMMUG000000047655			51.58	267.52	464.56	219.41	2.45	5.51E-12	0.92	1.97E-02	-1.01	4.75E-02	EGA2-5
ENSMMUG00000013429	RPS19	Ribosomal Protein S19	62.50	334.42	602.98	311.33	2.50	1.03E-13	0.99	7.19E-03	-0.96	4.62E-02	EGA2-5
ENSMMUG00000002309	LOC720019	60S Ribosomal Protein L12-like	137.49	318.87	707.03	578.55	0.97	5.74E-03	1.70	2.53E-07	-1.21	3.24E-03	EGA2-5
ENSMMUG000000043313			99.74	226.38	498.34	398.16	0.93	8.85E-03	1.67	4.06E-07	-1.22	3.11E-03	EGA2-5
ENSMMUG000000042854			0.00	0.89	2.69	0.82	11.04	1.65E-05	5.23	4.42E-02	13.52	8.40E-07	EGA2-6

- 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.