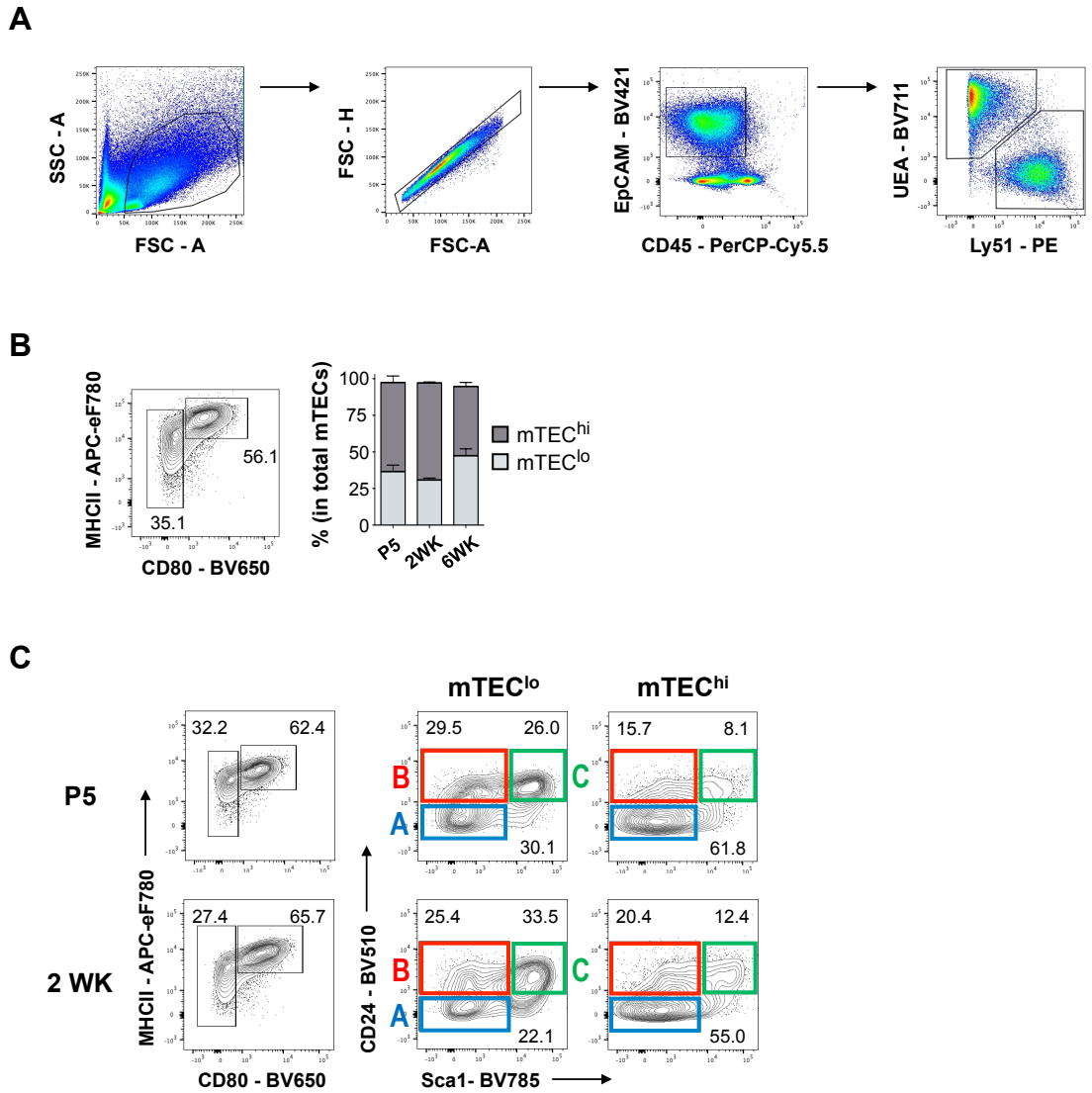
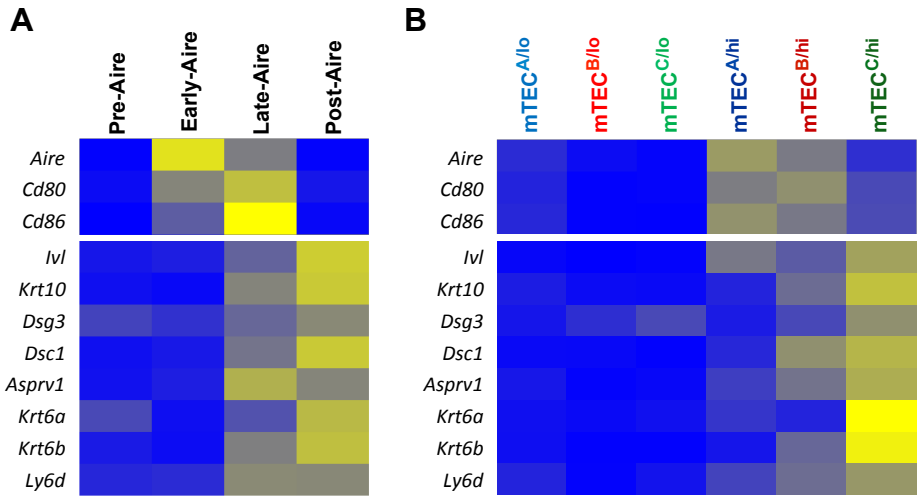
Supplementary Figure 1



Supplementary Figure 1 – (A) Flow cytometry analysis and gating strategy used to identify TECs ($CD45^{-}EpCAM^{+}MHCII^{+}$) and mTECs ($UEA^{+}Ly51^{-}$). Cells were stained with PerCP-Cy5-conjugated anti-CD45.2, PE-conjugated anti-Ly51, APC-eFlour 780-conjugated anti-MHCII, BV421-conjugated anti-EpCAM, BV650-conjugated anti-CD80, BV510-conjugated anti-CD24, BV786-conjugated anti-Sca1, Biotinylated UEA: BV711-conjugated streptavidin. **(B)** Thymi from C57BL/6 mice were isolated at the indicated time points. Total mTECs ($CD45^{-}EpCAM^{+}UEA^{+}$) were analysed for CD80 and MHCII expression and subdivided in $mTEC^{lo}$($MHCII^{lo}CD80^{lo}$) and $mTEC^{hi}$ ($MHCII^{hi}CD80^{hi}$). Bar graphs correspond to the frequency of $mTEC^{lo}$ and $mTEC^{hi}$ at different time points and are displayed as mean plus SD. **(C)** Representation of $mTEC^{A-C}$ subsets within $mTEC^{lo}$ and $mTEC^{hi}$. Representative data from three independent experiments per time point. Numbers in plots indicate the frequency of cells found within each gate. P – Postnatal day; WK – Postnatal weeks.

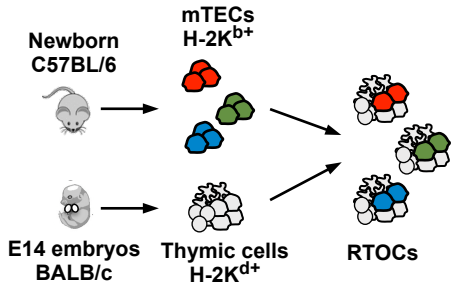
Supplementary Figure 2



Supplementary Figure 2 – Heatmap showing the deviation to the average expression level of selected genes associated with post-Aire mTECs in Pre-, Early-, Late- and Post-Aire cells (as defined in (15)) and in mTEC$^{A\text{-}C/lo\text{-}hi}$.

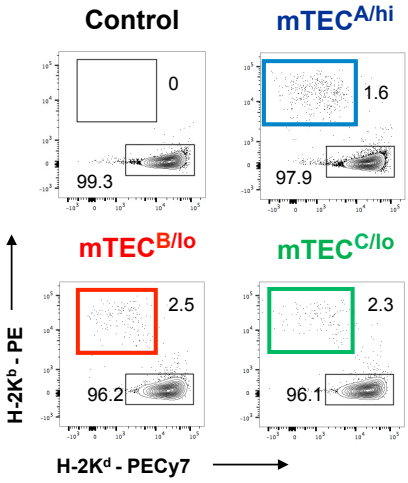
Supplementary Figure 3

A

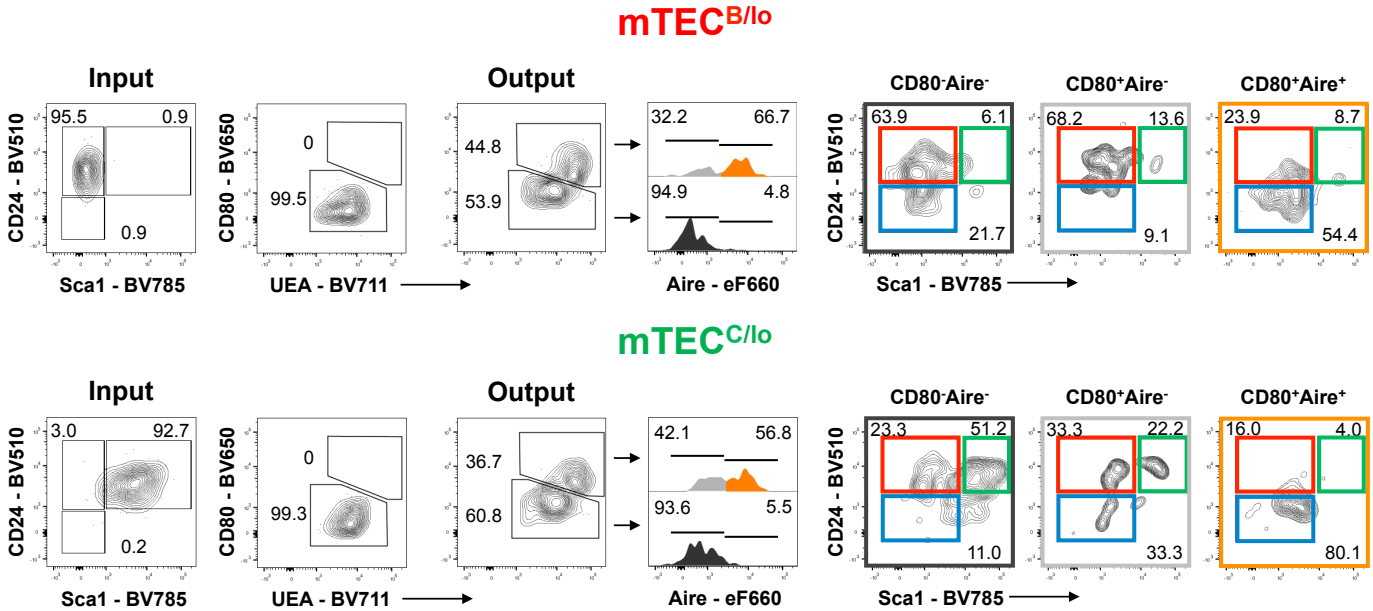


	mTEC$^{A/lo}$	mTEC$^{B/lo}$	mTEC$^{C/lo}$	mTEC$^{A/hi}$	mTEC$^{B/hi}$	mTEC$^{C/hi}$
RTOC executed	✓	✓	✓	✓	✓	✓
Progeny	X	✓	✓	✓	X	X

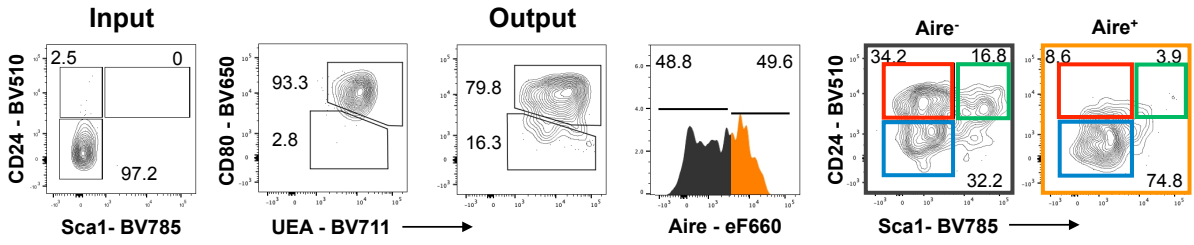
B



C



D



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Supplementary Figure 3 – Reaggregate thymus organ cultures (RTOCs) with discrete mTEC$^{A-C/hi}$ subsets. (A) Schematic outlines of the established chimeric RTOCs. Table depicts the success of recovering spiked populations and their progeny. RTOCs were established by spiking the 6 mTEC$^{A-C/hi-lo}$ subsets isolated from P3 C57BL/6 mice into E14 total thymic cells from BALB/c mice. Cells were stained with PerCP-Cy5-conjugated anti-CD45.2, PE-conjugated anti-H-2K^{b}, PE-Cy7-conjugated anti-H-2K^{d}, BV421-conjugated anti-EpCAM, eFlour 660-cojugated anti-AIRE, BV650-conjugated anti-CD80, BV510-conjugated anti-CD24, BV786-conjugated anti-Sca1, Biotinylated UEA: BV711-conjugated streptavidin. **(B)** Detection of mTEC$^{A/hi}$ (blue), mTEC$^{B/lo}$ (red) and mTEC$^{C/lo}$ (green) cells isolated from P3 C57BL/6 mice (H-2K^{b}) in 7-day-old RTOCs established with fetal thymus cells from BALB/c mice (H-2K^{d}). **(C)** Lineage potential of mTEC$^{B/lo}$ and mTEC$^{C/lo}$. Input: purity assessment on day 0; Output: After 7 days in culture, RTOCs were dissociated and the progeny of C57BL/6-derived mTECs was analysed for the expression of CD24, Sca1, CD80 and UEA binding in total mTEC population (CD45^{-}EpCAM^{+}UEA^{+}). Histograms depict the expression of Aire in mTEC$^{lo/hi}$ cells that derived from mTEC$^{B-C/lo}$ subsets after culture (output). Aire^{-} and Aire^{+} cells were further analysed for the expression of CD24 and Sca1. Data corresponds to a representative analysis of at least three experiments. **(D)** Lineage potential of mTEC$^{A/hi}$. Input: purity assessment on day 0; Output: After 7 days in culture, RTOCs were dissociated and the progeny of C57BL/6-derived mTECs was analysed for the expression of CD80, UEA binding and Aire in total mTEC population (CD45^{-}EpCAM^{+}UEA^{+}). Aire^{-} and Aire^{+} cells that derived from mTEC$^{A/hi}$ after culture were further analysed for the expression of CD24 and Sca1. Data corresponds to a representative analysis of at least three experiments.

Supplementary Table 1 A - Normalized counts of Aire-Dependent TRAs across $mTEC^{A/lo}$, $mTEC^{B/lo}$, $mTEC^{C/lo}$, $mTEC^{A/hi}$, $mTEC^{B/hi}$ and $mTEC^{C/hi}$.

geneID		$mTEC^{A/lo}$		$mTEC^{B/lo}$			$mTEC^{C/lo}$					$mTEC^{A/hi}$						$mTEC^{B/hi}$				$mTEC^{C/hi}$				
ENSMUSG00000000003	Pbsn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000000037	Scml2	134.57	157.98	138.62	17.95	15.96	142.53	174.04	93.74	58.27	41.71	0.00	44.06	180.84	62.64	497.08	79.17	149.44	15.24	221.61	129.31	43.53	64.31	0.00	39.14	0.00
ENSMUSG00000000093	Tbx2	147.65	250.41	0.00	26.92	28.85	181.28	0.00	70.84	46.62	80.58	22.91	112.86	37.09	135.72	155.16	69.75	90.29	200.35	132.48	275.63	254.31	80.39	163.60	292.92	61.53
ENSMUSG00000000094	Tbx4	21.49	0.00	0.00	27.61	0.00	0.00	0.00	0.00	0.00	0.00	29.79	65.71	6.96	18.27	188.20	186.63	34.25	229.74	80.69	114.84	22.91	0.00	23.50	66.92	31.32
ENSMUSG00000000157	Itgb2l	24.30	0.00	0.00	0.00	23.94	0.00	0.00	0.00	0.00	0.00	0.00	68.03	292.12	0.00	0.00	130.07	332.09	86.02	104.78	237.34	42.00	0.00	0.00	102.27	33.56
ENSMUSG00000000197	Nalcn	204.65	0.00	0.00	0.00	0.00	40.06	0.00	0.00	0.00	0.00	545.30	463.82	252.71	448.93	54.59	403.41	570.79	250.43	607.01	409.19	226.82	91.39	0.00	238.63	140.95
ENSMUSG00000000204	Slfn4	54.20	0.00	0.00	0.00	0.00	131.36	0.00	0.00	0.00	0.00	147.40	200.22	83.46	255.79	0.00	64.09	0.00	82.75	0.00	181.20	329.15	442.58	126.18	64.39	231.57
ENSMUSG00000000214	Th	237.36	0.00	14.16	39.35	0.00	0.00	0.00	27.19	198.12	0.00	354.37	517.94	602.79	563.77	735.57	907.68	435.87	382.18	451.64	623.56	147.39	522.13	0.00	87.12	135.36
ENSMUSG00000000215	Ins2	242.03	282.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	247.45	187.85	190.11	88.74	212.62	337.43	345.59	224.30	336.02	403.23	179.47	242.02	134.01	226.00	108.51
ENSMUSG00000000247	Lhx2	71.02	10.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94.80	126.78	42.52	357.04	91.35	149.41	196.99	44.63	59.89	157.77	76.56	29.78	71.08	83.54	112.37	0.00
ENSMUSG00000000263	Glra1	7.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123.72	126.78	9.27	140.94	0.00	107.45	40.47	26.13	0.00	34.03	0.00	39.77	46.99	0.00	83.90
ENSMUSG00000000365	Rnf17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.29	201.70	0.00	0.00	0.00	37.36	107.79	57.81	88.47	168.78	0.00	0.00	0.00	73.83
ENSMUSG00000000381	Wap	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.10	40.20	55.64	31.32	91.95	241.29	253.22	111.06	0.00	169.29	21.38	44.85	0.00	83.33	85.02
ENSMUSG00000000392	Fap	85.04	259.00	206.44	147.03	28.24	0.00	76.72	22.18	94.40	0.00	346.73	197.90	363.99	328.87	828.95	164.95	478.42	574.91	490.18	837.94	446.76	252.18	563.03	358.58	408.32
ENSMUSG00000000394	Gcg	160.73	101.02	0.00	0.00	0.00	7.22	39.78	0.00	0.00	0.00	370.41	439.09	635.24	563.77	637.87	533.48	601.92	381.09	568.47	686.51	375.74	301.26	511.69	304.29	298.69
ENSMUSG00000000530	Acvrl1	202.79	0.00	0.00	43.49	0.00	3.94	72.46	71.56	0.00	192.45	56.52	142.24	185.47	49.59	0.00	257.32	238.69	347.34	425.15	328.37	48.88	130.32	161.86	303.02	240.52
ENSMUSG00000000555	Itga5	1280.26	997.33	1023.98	1004.39	755.62	875.51	829.02	974.58	644.49	909.14	982.16	632.35	556.42	756.92	902.22	479.76	450.40	579.26	346.86	293.49	846.18	686.30	559.55	628.77	762.94
ENSMUSG00000000560	Gabra2	52.33	0.00	0.00	0.00	0.00	0.00	0.00	17.89	0.00	0.00	0.00	10.05	18.55	0.00	0.00	103.68	44.63	34.84	0.00	0.00	29.02	0.00	0.00	0.00	0.00
ENSMUSG00000000627	Sema4f	7.48	0.00	0.00	0.00	0.00	0.00	0.00	11.45	0.00	0.00	270.36	109.77	108.97	261.01	94.82	100.85	242.84	149.17	197.52	202.47	217.65	143.86	28.72	133.83	239.40
ENSMUSG00000000690	Hoxb6	15.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.89	229.59	41.73	148.77	185.33	257.32	90.29	223.21	110.80	292.64	20.62	113.40	58.30	74.49	41.39
ENSMUSG00000000706	Btn1a1	46.72	0.00	0.00	0.00	0.00	0.00	0.00	5.01	0.00	0.00	90.12	70.35	48.69	57.42	237.05	11.31	81.99	32.67	165.00	70.61	103.86	147.25	0.00	10.10	0.00
ENSMUSG00000000724	Cryba1	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145.11	61.84	134.47	174.87	397.95	168.72	86.14	0.00	73.47	109.74	22.91	66.85	20.02	58.08	58.17
ENSMUSG00000000889	Dbh	73.83	0.00	0.00	24.85	0.00	0.00	0.00	0.00	0.00	0.00	287.93	591.38	477.59	495.91	395.08	487.30	286.43	177.48	118.03	150.57	145.87	123.55	99.21	78.28	30.20
ENSMUSG00000000903	Vpreb3	0.00	19.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.88	2.32	18.27	0.00	21.68	0.00	60.97	0.00	17.86	77.13	0.00	31.33	126.26	138.72
ENSMUSG00000000982	Ccl3	90.65	72.01	0.00	52.46	44.20	0.00	34.81	60.82	0.00	7.58	151.22	9.28	25.50	75.69	0.00	19.79	46.70	72.95	3.61	97.83	246.68	46.54	184.49	151.51	71.60
ENSMUSG00000000983	Wfdc18	927.96	1607.76	3081.64	2569.29	2436.90	4472.14	6238.61	3461.84	8004.21	6143.10	1366.31	909.10	605.10	368.02	1768.52	1062.26	3612.56	5280.86	3737.18	4125.04	8854.34	10748.05	11568.73	8610.89	9361.08
ENSMUSG00000001155	Ftcd	51.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	228.35	109.77	104.33	5.22	0.00	283.71	117.27	90.37	138.50	99.53	22.15	22.85	0.00	36.62	88.38
ENSMUSG00000001166	Oas1c	125.22	545.95	48.44	56.60	233.87	180.62	236.56	86.58	0.00	55.93	251.27	165.43	435.86	159.21	291.64	569.30	456.63	368.03	133.69	514.67	561.32	164.17	542.15	337.11	289.74
ENSMUSG00000001225	Slc26a3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.87	187.85	53.32	5.22	0.00	148.92	53.97	23.95	107.19	0.00	67.97	121.01	39.16	26.51	0.00
ENSMUSG00000001334	Fndc5	68.22	0.00	75.27	91.12	77.96	46.63	0.00	24.33	0.00	0.00	187.11	330.09	57.96	365.41	229.86	232.81	189.92	42.46	201.13	239.05	269.59	152.32	288.04	151.51	0.00
ENSMUSG00000001494	Sost	233.62	0.00	0.00	0.00	0.00	0.00	0.00	5.72	75.75	0.00	429.98	731.30	718.71	647.30	699.65	627.74	420.31	525.91	386.60	506.17	279.51	302.11	226.26	175.50	253.94
ENSMUSG00000001508	Sgca	17.76	0.00	0.00	0.00	0.00	0.00	0.00	3.58	0.00	0.00	39.71	61.84	74.19	99.18	270.09	222.44	52.93	148.08	120.44	175.24	24.44	0.00	0.00	77.02	111.87
ENSMUSG00000001520	Nrip2	100.93	265.45	70.80	187.76	106.81	72.90	319.67	155.27	97.90	109.97	78.66	204.86	206.34	120.06	0.00	121.59	77.83	206.88	112.01	191.41	62.62	111.70	48.73	252.52	79.43
ENSMUSG00000001555	Fkbp10	813.01	857.61	681.17	851.83	569.63	1380.59	667.05	952.40	735.39	1534.83	113.80	49.47	57.96	26.10	1.44	261.09	149.44	56.62	118.03	113.14	361.99	132.86	262.81	502.51	418.38
ENSMUSG00000001604	Tcea3	16.82	0.00	0.00	0.00	0.00	45.32	0.00	5.01	159.66	0.00	43.53	105.91	312.99	177.48	153.72	118.76	32.17	175.30	122.85	243.30	28.26	58.39	0.00	46.72	17.90
ENSMUSG00000001670	Tat	58.87	0.00	30.56	38.66	46.04	0.00	0.00	0.00	0.00	68.26	384.92	51.79	76.51	315.82	0.00	354.40	116.23	0.00	274.60	102.08	187.11	167.55	59.18	65.65	0.00
ENSMUSG00000001739	Cldn15	25.23	0.00	0.00	0.00	9.21	0.00	0.00	53.67	0.00	0.00	92.41	91.22	39.41	99.18	0.00	0.00	139.06	90.37	65.04	39.13	122.96	0.00	74.84	0.00	0.00
ENSMUSG00000001773	Folh1	35.51	0.00	0.00	0.00	0.00	38.09	0.00	0.00	0.00	0.00	58.81	25.51	206.34	101.79	420.94	131.96	43.59	81.66	49.38	102.08	0.00	0.00	0.00	46.72	0.00
ENSMUSG00000001819	Hoxd13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.62	132.15	83.52	0.00	74.46	29.06	30.49	57.81	25.52	0.00	0.00	35.68	0.00	0.00
ENSMUSG00000001827	Folr1	103.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145.11	194.81	171.56	127.89	600.52	114.99	99.63	115.42	101.17	136.11	122.96	97.32	100.08	41.67	15.66
ENSMUSG00000001865	Cpa3	18.69	0.00	0.00	0.00	0.00	0.00	19.18	0.72	0.00	0.00	0.00	47.16	83.46	0.00	0.00	19.79	0.00	28.31	144.53	59.55	0.00	354.57	0.00	31.56	0.00
ENSMUSG00000001985	Grik3	266.33	1.07	42.48	11.04	25.78	31.53	36.94	27.19	0.00	0.00	768.31	548.86	649.15	1077.96	581.84	1087.71	354.93	277.65	211.97	503.61	370.39	841.16	274.12	60.60	67.12
ENSMUSG00000002007	Srpk3	20.56	103.17	67.82	103.54	73.05	0.00	24.15	17.17	0.00	0.00	150.45	68.80	23.18	140.94	0.00	0.00	197.18	41.38	31.31	77.41	129.83	0.00	86.15	89.64	151.02
ENSMUSG00000002012	Pnck	148.59	0.00	86.45	31.75	0.00	14.45	201.04	5.01	0.00	168.75	38.95	74.21	18.55	2.61	0.00	22.62	0.00	301.61	73.47	23.82	120.66	22.85	51.34	145.20	66.00
ENSMUSG00000002033	Cd3g	553.22	352.50	0.00	57.99	90.85	308.04	438.31	204.65	132.86	130.83	153.51	161.57	90.42	88.74	749.93	213.96	473.23	382.18	45.77	173.54	497.17	335.11	314.15	395.19	199.12
ENSMUSG00000002100	Mybpc3	409.31	47.29	0.00	0.00	0.00	0.00	0.00	29.34	0.00	0.00	1124.97	928.42	1314.54	890.03	2611.83	1174.42	996.28	975.60	1135.73	1253.93	489.53	555.98	340.26	251.26	325.53
ENSMUSG00000002104	Rapsn	0.00	0.00	0.00	49.70	0.00	0.00	0.00	10.02	0.00	118.50	29.79	64.16	0.00	28.71	0.00	0.00	0.00	0.00	0.00	0.00	202.38	0.00	0.00	20.20	0.00
ENSMUSG00000002111	Spi1	196.24	49.44	0.00	40.73	0.00	0.00	0.00	34.35	65.26	0.00	579.67	544.99	289.80	488.08	242.79	509.92	216.90	386.54	680.47	651.64	199.33	460.35	169.69	175.50	324.42
ENSMUSG00000002190	Clgn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.48	65.71	18.55	0.00	0.00	77.29	128.69	21.78	0.00	144.62	0.00	41.47	25.24	49.24	59.29
ENSMUSG00000002240	Prr27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000002266	Zim1	183.16	66.63	84.21	15.19	0.00	0.00	14.21	1.43	0.00	3.79	71.79	73.44	102.01	46.98	0.00	306.33	45.66	74.04	0.00	25.52	31.31	170.94	53.08	78.28	87.26
ENSMUSG00000002341	Ncan	24.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.68	599.53	407.39	440.50	268.84	464.04	574.01	321.72	279.83	352.88	354.74	27.49	3.38	107.91	181.81	118.58
ENSMUSG00000002500	Rpl3l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.57	46.59	0.00	0.00	26.51	0.00
ENSMUSG00000002588	Pon1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	35.56	0.00	18.27	0.00	23.56	81.99	105.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000002699	Lcp2	416.79	37.61	46.95	7.59	127.68	156.97	269.95	155.99	0.00	168.75	410.12	257.42	201.70	93.96	206.88	237.52	601.92	382.18	603.39	288.39	475.79	396.04	514.30	414.13	129.77
ENSMUSG00000002908	Kcnn1	154.19	251.48	160.98	62.13	53.40	107.06	153.44	88.01	122.37	152.63	371.94	509.43	345.44	31.32	165.21	246.95	227.28	219.95	264.96	473.84	302.43	199.71	523.87	286.61	125.29
ENSMUSG00000002930	Ppp1r17	58.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.72	171.61	97.37	167.04	461.17	273.34	189.92	248.25	68.65	124.20	42.00	117.63	21.76	30.30	218.14
ENSMUSG00000002992	Apoc2	23.36	0.00	0.00	21.40	0.00	57.14	0.00	0.00	0.00	0.00	407.07	350.19	268.94	508.96	0.00	38.64	0.00	0.00	0.00	0.00	824.03	629.60	513.43	0.00	0.00
ENSMUSG00000003053	Cyp2c29	55.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.69	4.64	20.88	0.00	0.00	36.32	0.00	0.00	13.61	0.00	16.92	0.00	0.00	0.00
ENSMUSG00000003283	Hck	167.28	0.00	214.63	219.52	205.63	0.00	2.84	22.90	22.14	120.40	418.52	332.41	333.85	112.23	428.12	712.57	1178.93	1084.48	554.01	1643.55	369.63	475.58	63.53	472.21	451.95
ENSMUSG00000003341	Atp8b3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.97	23.19	37.09	146.16	0.00	37.70	33.21	0.00	57.81	35.73	25.97	0.00	36.55	22.73	0.00
ENSMUSG00000003354	Ccdc65	0.00	0.00	30.56	0.00	0.00	0.00	66.07	0.00	0.00	0.00	171.84	90.45	88.10	26.10	0.00	0.00	132.84	53.35	27.70	216.08	160.38	265.72	41.77	143.94	106.27
ENSMUSG00000003379	Cd79a	51.40	0.00	0.00	58.68	0.00	0.00	69.62	0.00	87.41	61.62	143.58	107.45	48.69	15.66	0.00	181.91	201.33	53.35	119.23	147.17	26.73	150.63	60.92	23.99	38.03
ENSMUSG00000003410	Elavl3	144.85	131.11	101.35	21.40	0.00	0.00	27.71	0.00	0.00	0.00	362.01	407.39	445.13	294.94	226.99	441.11	459.74	211.23	251.71	471.29	298.61	5.08	148.81	160.35	174.51
ENSMUSG00000003411	Rab3b	157.00	0.00	0.00	0.00	27.01	0.00	0.00	2.86	0.00	0.00	398.67	247.37	257.34	112.23	1576.01	506.15	179.54	229.74	454.05	415.99	267.30	449.35	96.59	108.58	178.99
ENSMUSG00000003469	Phyhip	159.80	167.65	304.81	88.36	106.81	76.85	130.00	0.00	0.00	61.62	253.56	398.89	377.90	326.26	260.03	275.23	339.36	322.30	510.66	345.38	266.53	276.72	319.37	198.23	137.60
ENSMUSG00000003476	Crhr2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.05	19.33	176.20	10.44	0.00	251.66	156.71	75.13	128.87	143.77	0.00	143.86	53.08	0.00	0.00
ENSMUSG00000003484	Cyp4f18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.02	83.49	180.84	91.35	0.00	98.03	86.14	141.55	0.00	199.91	90.12	23.69	168.82	143.94	61.53
ENSMUSG00000003505	Psg18	107.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131.36	143.79	166.93	174.87	7.18	303.50	218.97	35.93	97.55	253.51	0.00	106.63	40.03	32.83	90.61
ENSMUSG00000003657	Calb2	390.62	0.00	0.00	0.00	0.00	0.00	23.44	0.00	0.00	0.00	925.64	834.11	748.85	942.23	548.80	1033.98	930.90	1016.97	834.63	1386.64	449.82	368.96	682.25	462.11	1095.18
ENSMUSG00000003665	Has1	71.96	0.00	0.00	0.00	0.00	0.00	74.59	0.00	0.00	0.00	185.59	218.00	11.59	86.13	497.08	167.77	125.57	76.22	222.81	199.06	0.00	177.71	116.61	85.86	36.92
ENSMUSG00000003974	Grm3	75.69	0.00	0.00	0.00	0.00	31.53	0.00	0.00	0.00	0.00	51.17	9.28	11.59	0.00	0.00	81.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000004035	Gstm7	161.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	494.90	238.10	401.08	172.26	0.00	420.38	367.38	311.41	287.85	347.94	91.64	162.48	163.60	114.90	487.74
ENSMUSG00000004038	Gstm3	300.91	123.59	0.00	21.40	0.00	28.90	0.00	0.00	0.00	0.95	1576.34	1821.28	1191.66	1137.99	1236.96	1428.91	999.40	924.42	1377.81	1364.52	650.67	609.29	816.27	457.06	482.15
ENSMUSG00000004344	Gpx5	5.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.24	24.74	122.88	7.83	0.00	16.02	63.31	33.75	73.47	62.95	68.73	0.00	0.00	0.00	0.00
ENSMUSG00000004360	9330159F1	0.00	0.00	28.32	0.00	0.00	0.00	21.31	30.77	0.00	0.00	29.79	49.47	39.41	180.09	0.00	57.50	0.00	49.00	0.00	125.90	0.00	82.93	0.00	40.40	83.90
ENSMUSG00000004366	Sst	227.08	94.57	23.85	0.00	81.03	0.00	61.09	0.00	178.31	0.00	429.22	728.98	737.25	751.70	1124.90	988.74	1088.65	510.66	1204.38	693.32	791.96	716.76	835.41	463.37	506.76
ENSMUSG00000004415	Col26a1	157.93	117.14	277.24	81.46	177.40	110.34	101.59	86.58	224.93	21.80	191.70	208.72	192.43	428.05	403.70	205.48	258.41	106.71	322.77	208.42	214.60	129.47	356.79	229.79	180.11
ENSMUSG00000004540	Psg17	44.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	285.63	275.20	208.66	271.45	706.83	163.06	189.92	28.31	31.31	126.75	0.00	0.00	83.54	17.68	14.54
ENSMUSG00000004542	Psg19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.54	86.58	2.32	57.42	0.00	33.93	0.00	16.33	0.00	85.07	0.00	0.00	0.00	29.04	0.00
ENSMUSG00000004609	Cd33	41.12	0.00	0.00	31.75	0.00	0.00	0.00	22.90	0.00	0.00	43.53	65.71	51.01	240.13	202.57	121.59	122.46	17.42	273.39	45.94	0.00	141.32	53.95	47.98	0.00
ENSMUSG00000004612	Nkg7	0.00	0.00	0.00	0.00	0.00	16.42	0.00	0.00	0.00	0.00	0.00	0.00	13.91	36.54	0.00	0.00	26.98	39.20	203.54	45.09	38.19	0.00	64.40	0.00	0.00
ENSMUSG00000004630	Pcp2	30.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.62	60.30	11.59	41.76	211.19	53.73	78.87	0.00	49.38	43.39	53.46	0.00	0.00	37.88	0.00
ENSMUSG00000004668	Abca13	817.69	116.07	0.00	41.42	80.41	0.00	0.00	41.50	101.39	115.66	1785.60	1309.53	1395.68	1208.46	1277.18	1896.42	1397.91	1336.00	831.02	1453.84	4081.22	3229.24	2150.32	2080.75	1542.65
ENSMUSG00000004730	Adgre1	149.52	0.00	0.00	0.69	44.20	0.00	0.00	51.52	0.00	0.00	976.05	1021.96	962.14	1062.30	318.94	851.13	278.13	624.99	214.38	480.64	374.21	553.44	163.60	273.98	155.50
ENSMUSG00000004842	Pou1f1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.13	180.84	127.89	601.96	49.96	0.00	44.64	0.00	16.16	0.00	55.85	0.00	15.15	0.00
ENSMUSG00000004872	Pax3	110.27	0.00	0.00	31.06	0.00	0.00	0.00	0.00	0.00	0.00	336.04	249.69	85.78	146.16	181.02	183.80	139.06	246.08	118.03	159.93	140.52	176.02	375.07	56.82	206.96
ENSMUSG00000004892	Bcan	194.38	48.36	0.00	0.00	52.18	36.78	0.00	0.00	0.00	0.00	847.74	823.29	992.28	482.86	1685.19	798.34	790.80	718.63	455.25	625.26	326.86	356.27	483.84	263.88	123.05
ENSMUSG00000004894	Hapln2	51.40	94.57	0.00	13.12	0.00	37.44	0.00	0.00	0.00	0.00	345.97	280.61	259.66	378.46	107.75	374.19	282.28	78.40	127.66	342.83	102.34	80.39	353.31	94.69	26.85
ENSMUSG00000004902	Slc25a18	62.61	0.00	0.00	0.00	29.46	19.70	0.00	0.00	0.00	0.00	38.19	54.89	6.96	0.00	97.69	20.74	34.25	80.57	217.99	156.53	19.86	0.00	0.00	30.30	0.00
ENSMUSG00000004948	Zp3	182.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	497.95	219.54	210.98	360.19	1452.45	308.21	331.06	347.34	292.66	527.43	281.04	340.19	551.72	191.91	240.52
ENSMUSG00000005045	Chd5	62.61	157.98	0.00	15.19	60.77	34.15	61.80	32.92	27.97	36.02	253.56	160.79	104.33	167.04	1.44	268.63	235.58	156.79	286.64	121.65	82.48	48.24	0.00	123.73	87.26
ENSMUSG00000005237	Dnah2	561.63	622.25	0.00	49.01	58.93	64.37	53.28	25.04	137.52	117.55	999.72	1116.27	776.67	1526.89	339.05	1670.20	1688.49	1599.50	1042.99	1726.92	1001.98	572.06	724.02	770.18	277.43
ENSMUSG00000005320	Fgfr4	79.43	0.00	223.58	164.29	222.21	238.42	274.21	163.15	240.08	195.29	23.68	149.97	118.24	39.15	0.00	139.50	145.29	11.98	143.32	180.35	121.43	266.56	0.00	20.20	162.21
ENSMUSG00000005339	Fcer1a	18.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	196.28	44.84	2.32	13.05	0.00	165.89	249.07	189.46	357.70	13.61	93.94	67.70	73.97	35.35	0.00
ENSMUSG00000005355	Casp14	83.17	0.00	0.00	17.26	9.82	5.91	35.52	0.00	0.00	0.00	190.17	199.44	159.97	334.09	0.00	364.77	419.27	251.52	222.81	341.13	417.74	263.18	344.61	273.98	29.09
ENSMUSG00000005357	Slc1a6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.19	0.00	0.00	122.96	54.89	132.15	0.00	0.00	0.00	21.79	34.84	128.87	0.00	54.22	94.78	0.00	0.00	0.00
ENSMUSG00000005364	Il5ra	499.96	347.13	428.52	509.44	429.07	489.31	376.50	261.89	595.54	510.98	733.18	529.53	243.43	336.70	1254.20	625.86	640.32	439.89	1534.38	849.85	733.15	596.60	314.15	808.06	647.71
ENSMUSG00000005474	Myl10	26.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.85	163.11	16.23	122.67	170.96	54.67	129.72	0.00	0.00	68.06	15.27	64.31	0.00	60.60	97.32
ENSMUSG00000005611	Mrvi1	351.37	653.42	732.59	638.53	364.00	922.80	470.99	566.72	420.72	604.83	371.17	653.99	412.68	292.33	317.50	449.60	708.81	337.54	573.28	338.58	389.49	358.80	491.68	167.92	251.70
ENSMUSG00000005649	Cabp5	37.38	139.71	0.00	0.00	0.00	0.00	0.00	7.16	0.00	0.00	0.00	0.77	0.00	23.49	0.00	18.85	58.12	51.18	55.40	18.72	105.39	0.00	0.00	0.00	0.00
ENSMUSG00000005681	Apoa2	108.40	111.77	0.00	0.00	0.00	0.00	36.23	42.93	0.00	0.00	278.00	252.78	308.35	146.16	198.26	315.76	284.36	84.93	60.22	306.25	29.02	263.18	120.96	66.92	108.51
ENSMUSG00000005705	Agrp	0.00	0.00	17.14	0.00	34.99	0.00	0.00	0.00	93.23	0.00	43.53	23.96	169.24	57.42	0.00	86.71	26.98	7.62	0.00	76.56	0.00	154.01	41.77	0.00	25.73
ENSMUSG00000005800	Mmp8	28.97	0.00	117.75	0.00	25.17	42.69	0.00	39.36	0.00	0.00	0.00	55.66	16.23	52.20	0.00	50.90	183.69	20.69	0.00	126.75	0.00	22.00	0.00	79.54	0.00
ENSMUSG00000005824	Tnfsf14	38.31	0.00	0.00	0.00	0.00	13.14	0.00	0.00	0.00	0.00	114.56	0.00	55.64	104.40	198.26	182.86	0.00	67.51	61.42	85.07	47.35	209.02	53.08	90.91	49.22
ENSMUSG00000005891	Prl4a1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000005892	Trh	51.40	0.00	29.07	15.19	0.00	0.00	24.86	0.00	0.00	0.00	496.42	277.52	268.94	284.50	998.47	768.18	436.91	494.33	140.91	550.40	171.83	311.41	226.26	323.22	199.12
ENSMUSG00000005947	Itgae	210.26	127.89	0.00	2.76	25.78	0.00	48.31	0.00	0.00	0.00	156.56	91.22	266.62	172.26	0.00	196.99	214.82	375.65	251.71	262.02	190.93	478.12	0.00	172.98	86.14
ENSMUSG00000005952	Trpv1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.58	17.01	62.60	0.00	0.00	31.10	2.08	38.11	0.00	10.21	16.80	0.00	0.00	0.00	0.00
ENSMUSG00000005994	Tyrp1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.87	0.00	25.50	0.00	0.00	72.58	64.34	71.86	0.00	105.49	0.00	0.00	0.00	0.00	45.87
ENSMUSG00000006007	Pdc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.64	7.83	0.00	21.68	0.00	38.11	220.40	0.00	0.00	80.39	0.00	0.00	31.32
ENSMUSG00000006014	Prg4	1278.39	120.37	0.00	26.92	60.16	26.27	0.00	17.17	0.00	112.81	3031.24	4248.63	5028.63	4891.26	3883.27	6546.03	3401.89	2442.26	2273.86	3897.05	2371.29	1703.47	1897.08	1396.43	759.58
ENSMUSG00000006143	Upk3bl	174.75	0.00	113.28	196.74	123.99	47.29	71.75	77.28	0.00	54.04	416.23	84.26	120.56	109.62	103.44	127.24	221.05	254.79	142.12	26.37	90.88	192.94	0.00	178.03	228.21
ENSMUSG00000006200	Rhox6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	135.18	0.00	125.19	2.61	0.00	21.68	79.91	0.00	0.00	25.52	0.00	55.01	0.00	1.26	0.00
ENSMUSG00000006204	5430419D1	191.57	0.00	0.00	0.00	0.00	0.00	0.00	7.87	0.00	0.00	235.23	287.57	338.49	352.36	1551.58	1849.29	1120.82	1221.68	1256.17	1681.83	84.77	34.70	184.49	373.73	237.16
ENSMUSG00000006216	Clcnkb	42.05	235.36	0.00	26.92	0.00	35.47	0.00	0.00	0.00	0.00	276.47	61.07	48.69	159.21	198.26	348.74	182.65	252.61	476.93	118.25	251.26	182.79	101.82	112.37	229.33
ENSMUSG00000006221	Hspb7	42.05	24.72	0.00	0.00	0.00	0.00	0.00	11.45	0.00	0.00	129.07	115.96	81.14	54.81	555.98	80.12	306.15	170.95	45.77	269.67	89.35	0.00	88.76	93.43	40.27
ENSMUSG00000006235	Epor	76.63	0.00	0.00	0.00	46.65	15.11	148.47	0.00	0.00	0.00	108.45	35.56	34.78	96.57	168.09	78.23	79.91	40.29	80.69	74.86	10.69	69.39	94.85	0.00	0.00
ENSMUSG00000006269	Atp6v1b1	70.09	0.00	81.23	0.00	32.53	65.02	61.80	25.04	0.00	0.95	328.40	509.43	547.14	843.05	211.19	621.14	229.35	98.00	342.04	420.25	432.25	429.89	334.17	186.86	139.83
ENSMUSG00000006345	Ggt1	199.05	181.62	0.00	27.61	0.00	0.00	0.00	11.45	0.00	0.00	358.19	439.09	340.81	720.38	2045.79	705.03	479.46	260.23	419.12	450.02	264.24	47.39	305.45	280.30	72.71
ENSMUSG00000006389	Mpl	13.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.01	67.23	7.83	0.00	28.28	35.29	82.75	0.00	27.22	80.95	85.47	0.00	0.00	0.00
ENSMUSG00000006469	Slc34a3	0.00	81.68	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.20	37.09	28.71	0.00	139.50	38.40	29.40	105.99	23.82	0.00	0.00	80.93	0.00	15.66
ENSMUSG00000006522	Itih3	87.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	652.22	572.05	588.88	822.17	548.80	696.55	266.71	265.68	374.56	529.13	226.82	227.64	167.08	104.80	166.68
ENSMUSG00000006538	Ihh	217.74	0.00	0.00	0.00	39.90	0.00	0.00	0.00	0.00	0.00	265.78	175.48	134.47	96.57	260.03	91.43	136.99	132.84	478.14	153.98	135.17	65.16	26.98	183.08	101.80
ENSMUSG00000006546	Cryba2	107.47	0.00	10.43	22.78	44.81	0.00	0.00	13.60	0.00	78.68	36.66	187.08	125.19	26.10	192.51	13.20	281.24	481.27	410.69	350.49	129.07	396.04	195.80	171.71	365.81
ENSMUSG00000006567	Atp7b	667.23	174.10	219.85	214.68	154.68	370.43	768.64	585.32	0.00	192.45	313.13	230.37	343.12	310.60	221.24	501.44	618.53	328.83	496.20	276.48	166.49	526.36	602.19	482.31	225.97
ENSMUSG00000006574	Slc4a1	108.40	0.00	0.00	32.44	0.00	16.42	0.00	26.48	0.00	156.42	930.22	555.04	556.42	613.36	212.62	620.20	363.23	438.80	185.47	581.88	313.88	401.12	454.26	231.05	111.87
ENSMUSG00000006642	Tcf23	42.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	181.77	115.96	164.61	177.48	0.00	125.36	67.46	106.71	46.97	133.56	42.77	5.08	132.27	63.13	0.00
ENSMUSG00000006649	Nphs1	234.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	591.13	379.56	401.08	368.02	1.44	610.77	440.02	483.44	633.50	315.61	281.04	349.50	118.35	280.30	239.40
ENSMUSG00000006777	Krt23	716.76	178.40	67.07	0.00	0.00	192.44	0.00	32.92	61.77	103.33	706.45	797.78	785.94	728.21	803.09	1296.01	1800.57	1603.86	1642.77	2184.59	2478.97	1485.99	1738.70	1689.35	3160.26
ENSMUSG00000007594	Hapln4	51.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	230.65	119.05	122.88	20.88	0.00	64.09	178.50	174.21	87.92	93.58	69.50	406.19	192.32	88.38	7.83
ENSMUSG00000007653	Gabrb2	87.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.27	192.46	42.52	153.02	36.54	0.00	53.73	19.72	59.89	167.41	258.61	51.93	77.85	40.03	10.10	172.28
ENSMUSG00000007682	Dio2	58.87	27.94	301.83	197.43	135.66	172.08	59.67	75.85	109.55	0.00	449.84	313.08	194.75	167.04	591.90	221.50	115.20	285.28	50.58	174.39	197.80	93.93	285.43	171.71	170.04
ENSMUSG00000007805	Twist2	0.00	0.00	0.00	0.00	34.37	44.01	37.65	15.03	0.00	58.78	17.57	0.00	0.00	0.00	73.27	64.09	0.00	0.00	0.00	7.66	0.00	0.00	0.00	6.31	0.00
ENSMUSG00000007888	Crlf1	19.62	0.00	0.00	0.00	10.44	0.00	0.00	0.00	0.00	30.34	131.36	18.55	69.55	26.10	0.00	121.59	0.00	136.10	71.06	79.11	32.84	31.31	0.00	53.03	0.00
ENSMUSG00000007907	Cabs1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.96	0.00	0.00	0.00	118.76	16.60	0.00	50.58	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000007944	Ttc9b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.57	0.00	0.00	7.83	0.00	71.63	12.45	14.15	0.00	44.24	0.00	129.47	144.46	22.73	0.00
ENSMUSG00000008136	Fhl2	123.35	312.74	37.26	53.84	246.15	466.98	582.52	510.19	400.91	564.07	104.63	101.27	55.64	83.52	0.00	47.13	152.56	72.95	124.05	229.69	258.89	76.16	68.75	462.11	685.75
ENSMUSG00000008153	Clstn3	146.72	76.30	0.00	62.13	0.00	97.86	0.00	86.58	106.05	14.22	272.65	301.49	278.21	195.75	590.46	281.82	254.26	344.07	204.74	336.88	58.04	44.00	78.32	202.02	78.31
ENSMUSG00000008496	Pou2f2	157.93	0.00	0.00	0.00	0.00	0.00	0.00	54.38	0.00	5.69	410.89	487.79	326.90	741.26	1472.57	474.10	304.07	268.94	257.74	460.23	112.26	348.65	372.45	256.31	70.48
ENSMUSG00000008590	Htr3b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	32.47	0.00	117.45	0.00	0.00	15.57	46.82	0.00	0.00	54.99	0.00	0.00	22.73	72.71
ENSMUSG00000009093	Gstt4	77.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.28	11.59	39.15	0.00	0.00	69.53	89.28	120.44	57.00	58.04	70.24	65.27	0.00	40.27
ENSMUSG00000009108	Gnat2	45.79	74.15	19.38	0.00	0.00	84.07	0.00	0.00	0.00	0.00	167.26	136.83	51.01	36.54	158.03	72.58	14.53	129.57	115.62	83.37	24.44	30.46	52.21	11.36	57.05
ENSMUSG00000009185	Ccl8	117.75	82.75	0.00	66.27	0.00	0.00	40.49	31.48	0.00	0.00	442.96	337.05	259.66	99.18	382.15	237.52	435.87	431.18	349.27	855.80	539.94	432.43	686.61	651.50	423.98
ENSMUSG00000009214	Mymk	58.87	0.00	255.62	0.00	49.72	0.00	50.44	0.00	125.87	51.19	58.04	161.57	148.38	216.64	267.22	124.42	117.27	70.77	185.47	126.75	132.12	174.32	0.00	118.68	0.00
ENSMUSG00000009248	Ascl2	111.21	0.00	40.24	0.00	8.59	53.86	0.00	33.63	0.00	0.00	139.00	240.42	92.74	289.72	0.00	97.08	142.18	23.95	171.02	242.45	87.06	140.48	111.39	126.26	189.06
ENSMUSG00000009350	Mpo	483.14	2.15	52.91	0.00	49.72	0.00	0.00	0.00	0.00	0.00	1952.09	2292.06	2183.94	1996.70	2718.15	2389.37	1721.70	1432.91	1894.48	2073.15	1376.95	1352.29	1465.45	749.98	434.05
ENSMUSG00000009471	Myod1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.06	62.62	9.27	146.16	0.00	108.39	85.10	46.82	0.00	62.10	27.49	28.77	0.00	54.29	0.00
ENSMUSG00000009580	Odam	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138.23	64.94	220.25	70.47	0.00	83.89	49.81	44.64	98.76	199.06	28.26	0.00	0.00	60.60	53.70
ENSMUSG00000009596	Taf7l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.76	0.00	0.00	51.93	64.16	11.59	46.98	0.00	26.39	0.00	0.00	0.00	70.61	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000009646	Pla2g12b	54.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	317.71	54.89	57.96	101.79	0.00	131.01	0.00	119.77	91.53	85.92	0.00	13.54	0.00	0.00	116.34
ENSMUSG00000009654	Oit3	45.79	0.00	0.00	0.00	0.00	49.92	0.00	2.15	0.00	0.00	152.75	104.36	71.87	18.27	0.00	16.97	26.98	72.95	113.21	50.19	86.30	0.00	0.00	85.86	123.05
ENSMUSG00000010044	Zmynd10	85.04	0.00	0.00	17.95	0.00	0.00	0.00	52.95	0.00	115.66	87.83	72.67	111.28	114.84	484.15	152.69	948.54	305.96	474.52	598.89	165.72	382.50	134.88	241.16	62.65
ENSMUSG00000010064	Slc38a3	456.03	0.00	0.00	78.00	49.11	57.14	48.31	0.00	43.12	94.80	511.70	938.47	1089.65	673.40	673.79	786.09	939.20	1048.55	1359.74	726.50	281.81	599.98	557.81	241.16	404.96
ENSMUSG00000010066	Cacna2d2	475.66	534.13	87.20	460.43	255.97	242.36	175.47	168.15	195.79	338.44	2808.23	3012.54	2508.52	2456.07	2364.73	2801.27	1899.16	2307.25	1760.80	1916.62	1052.38	583.06	819.75	707.05	862.50
ENSMUSG00000010086	Rnf112	49.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	242.87	24.74	108.97	75.69	90.51	278.05	133.88	314.67	331.20	125.05	88.59	73.62	0.00	137.62	42.51
ENSMUSG00000010122	Slc47a1	169.14	432.03	171.41	151.18	206.86	90.64	164.81	171.73	227.26	141.25	130.60	295.30	229.52	177.48	109.19	222.44	255.30	345.16	763.57	289.24	294.02	275.03	62.66	145.20	138.72
ENSMUSG00000010142	Tnfrsf13b	17.76	0.00	28.32	22.78	0.00	42.04	0.00	2.15	0.00	36.97	148.16	129.10	23.18	70.47	0.00	103.68	204.45	80.57	63.83	96.98	54.22	340.19	81.80	157.82	64.88
ENSMUSG00000010307	Tmem86a	397.16	818.92	573.85	791.77	613.22	662.71	749.46	691.94	433.54	516.67	611.75	779.22	874.04	182.70	755.68	1181.02	825.05	839.49	501.02	759.67	759.12	982.48	435.98	585.84	711.48
ENSMUSG00000010435	Spaca7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.13	47.16	83.46	104.40	7.18	88.60	8.30	25.04	0.00	43.39	0.00	16.92	0.00	20.20	63.76

ENSMUSG00000010505	Myt1	0.00	0.00	0.00	63.51	23.33	0.00	0.00	0.00	0.00	0.00	49.64	118.28	266.62	57.42	715.45	125.36	292.66	260.23	69.85	149.72	0.00	34.70	99.21	329.54	36.92
ENSMUSG00000010601	Apol7a	54.20	45.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158.09	110.54	78.83	65.25	0.00	68.81	176.43	63.15	59.01	60.40	80.95	43.16	0.00	13.89	60.41
ENSMUSG00000010760	Phlda2	0.00	0.00	24.59	15.19	0.00	0.00	0.00	0.00	0.00	0.00	85.54	0.00	102.01	20.88	0.00	39.59	0.00	21.78	0.00	51.04	141.28	0.00	0.00	18.94	0.00
ENSMUSG00000010796	Asz1	0.00	0.00	11.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.01	81.94	141.42	2.61	0.00	60.32	135.95	0.00	0.00	171.84	178.71	173.48	0.00	40.40	89.49
ENSMUSG00000010803	Gabra1	67.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.61	85.03	108.97	26.10	0.00	150.81	31.13	11.98	244.49	165.04	25.97	88.01	111.39	26.51	76.07
ENSMUSG00000011008	Mcoln2	105.60	0.00	0.00	21.40	0.00	0.00	0.00	22.18	157.33	0.00	67.21	143.01	46.37	153.99	301.70	54.67	115.20	68.60	1.20	67.21	74.08	26.23	0.00	167.92	159.97
ENSMUSG00000011034	Slc5a1	101.86	221.39	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	342.91	115.18	241.11	62.64	298.82	142.33	208.60	247.17	380.58	546.15	846.94	710.84	345.48	499.99	344.55
ENSMUSG00000011118	Panx3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.70	0.00	0.00	0.00	0.00	0.00	13.07	0.00	0.00	0.00	0.00	54.82	0.00	0.00
ENSMUSG00000011171	Vipr2	0.00	0.00	23.10	113.21	60.77	19.05	74.59	52.24	0.00	228.47	248.98	159.25	25.50	91.35	0.00	30.16	50.85	41.38	46.97	125.90	0.76	0.00	0.00	46.72	0.00
ENSMUSG00000011263	Exoc3l2	75.69	0.00	41.73	0.00	57.09	42.04	51.15	41.50	71.09	37.92	153.51	107.45	46.37	164.43	0.00	52.78	360.11	76.22	168.61	371.76	147.39	13.54	241.05	95.96	25.73
ENSMUSG00000011305	Plin5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.33	25.51	108.97	20.88	0.00	146.10	84.06	9.80	57.81	17.86	32.84	0.00	32.20	69.44	0.00
ENSMUSG00000011463	Cpb1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.28	0.00	180.09	0.00	29.22	0.00	0.00	0.00	28.92	45.06	0.00	0.00	74.49	0.00
ENSMUSG00000011486	Slc25a41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.17	20.10	27.82	13.05	0.00	74.46	30.10	0.00	0.00	57.85	22.91	82.93	92.24	32.83	80.54
ENSMUSG00000011589	Fsd1	0.00	78.45	21.61	0.00	0.00	62.40	0.00	0.00	0.00	0.00	55.75	66.48	23.18	20.88	0.00	149.87	51.89	14.15	0.00	102.93	0.00	25.39	171.43	0.00	27.97
ENSMUSG00000011751	Sptbn4	106.53	185.92	0.00	148.41	70.59	0.00	68.91	33.63	0.00	64.46	189.40	186.30	4.64	75.69	24.42	98.03	227.28	59.89	213.17	176.95	38.19	104.93	263.68	137.62	166.68
ENSMUSG00000012042	4930579F0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.29	51.04	32.08	0.00	0.00	0.00	0.00
ENSMUSG00000012123	Crybg2	219.61	75.23	0.00	37.97	0.00	41.38	34.10	25.04	0.00	0.00	770.60	354.83	421.95	448.93	1172.31	510.86	491.91	810.10	776.82	671.20	672.82	302.11	311.54	459.58	344.55
ENSMUSG00000012520	Phox2b	10.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.90	122.14	143.74	140.94	0.00	55.61	83.02	37.02	197.52	12.76	66.44	42.31	111.39	41.67	0.00
ENSMUSG00000013338	Fer1l4	0.00	83.83	0.00	0.00	12.89	0.00	0.00	17.89	0.00	0.00	198.57	105.13	204.02	245.35	438.18	260.14	135.95	190.55	249.31	282.43	210.78	207.33	0.00	118.68	177.87
ENSMUSG00000013367	Iglon5	108.40	0.00	0.00	2.76	0.00	0.00	27.71	7.87	0.00	0.00	937.10	636.98	908.82	910.91	1074.62	636.22	371.53	763.28	274.60	490.85	142.81	30.46	562.16	128.78	0.00
ENSMUSG00000013523	Bcas1	108.40	0.00	116.26	40.73	31.31	68.96	0.00	72.99	0.00	0.00	192.46	204.08	32.46	91.35	129.30	158.35	77.83	375.65	274.60	319.01	156.56	319.03	215.82	410.34	412.79
ENSMUSG00000013584	Aldh1a2	43.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	368.88	575.14	289.80	360.19	406.57	857.72	179.54	415.94	217.99	595.49	306.24	154.01	538.67	316.91	187.94
ENSMUSG00000013653	1810065E(	107.47	0.00	43.97	0.00	0.00	0.00	0.00	30.77	0.00	0.00	223.01	193.26	231.84	315.82	551.67	492.01	485.69	271.12	301.09	348.79	353.59	49.08	484.71	271.46	62.65
ENSMUSG00000013766	Ly6g6e	0.00	0.00	59.62	34.51	20.26	5.91	0.00	0.00	0.00	0.00	16.80	33.24	88.10	0.00	0.00	47.13	153.59	248.25	57.81	233.94	416.98	143.01	263.68	246.21	244.99
ENSMUSG00000013921	Clip3	129.90	1.07	93.90	99.40	65.68	73.56	14.21	30.05	0.00	237.00	442.20	500.93	584.24	1062.30	952.50	229.98	266.71	436.62	161.39	317.31	434.55	99.86	111.39	217.17	176.75
ENSMUSG00000013936	Myl2	38.31	130.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.55	74.98	143.74	73.08	0.00	220.56	195.11	74.04	81.90	40.83	73.32	68.55	253.23	121.21	71.60
ENSMUSG00000013974	Mcemp1	42.05	0.00	0.00	0.00	0.00	0.00	0.00	18.60	0.00	0.00	109.21	78.08	2.32	10.44	0.00	0.00	0.00	58.80	0.00	74.86	38.19	93.93	46.99	25.25	44.75
ENSMUSG00000014158	Trpv4	79.43	1.07	110.30	106.31	218.52	348.76	387.16	234.70	565.24	525.20	94.70	212.59	81.14	57.42	0.00	119.70	95.48	293.99	0.00	216.93	303.19	293.64	276.73	363.63	164.45
ENSMUSG00000014351	Gip	331.75	232.14	0.00	0.00	28.24	33.50	0.00	0.00	0.00	0.00	552.94	724.34	1242.67	694.28	1458.20	2010.47	781.46	848.20	652.77	1012.33	449.06	659.22	350.70	268.93	260.65
ENSMUSG00000014542	Clec4f	280.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	725.54	487.02	635.24	388.90	873.48	901.08	574.94	556.40	414.31	564.01	254.31	208.17	640.48	73.23	225.97
ENSMUSG00000014782	Plekhg4	0.00	208.49	0.00	47.63	0.00	0.00	0.00	0.00	73.42	0.00	36.66	106.68	16.23	70.47	0.00	67.86	66.42	40.29	0.00	61.25	74.84	181.09	89.63	22.73	39.15
ENSMUSG00000015053	Gata2	256.99	0.00	15.65	39.35	74.89	0.00	0.00	26.48	0.00	21.80	724.78	511.75	394.13	297.55	199.69	386.45	717.12	590.15	370.95	512.12	316.94	233.56	228.87	305.55	260.65
ENSMUSG00000015365	Mov10l1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.06	33.24	9.27	7.83	0.00	70.69	0.00	0.00	40.95	0.85	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000015401	Tmem27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145.11	59.52	48.69	73.08	245.67	94.26	45.66	59.89	50.58	24.67	45.06	0.00	0.00	25.25	0.00
ENSMUSG00000015405	Ace2	12.15	9.67	96.14	0.00	0.00	40.06	0.00	0.00	0.00	0.00	300.15	381.88	69.55	448.93	198.26	332.72	288.51	184.01	307.12	754.57	369.63	38.08	107.04	410.34	125.29
ENSMUSG00000015437	Gzmb	128.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	542.25	487.02	456.73	498.52	1044.45	1074.51	336.25	489.98	532.33	626.96	308.53	190.40	98.34	122.47	229.33
ENSMUSG00000015441	Gzmf	111.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	164.97	83.49	69.55	107.01	0.00	30.16	99.63	117.59	1.20	170.99	41.24	35.54	0.00	3.79	53.70
ENSMUSG00000015443	Gzmn	94.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.55	76.51	26.10	373.53	0.00	83.02	0.00	13.25	41.68	4.58	0.00	0.00	8.84	14.54
ENSMUSG00000015579	Nkx2-5	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	87.07	46.38	111.28	0.00	255.72	28.28	11.42	0.00	0.00	17.01	0.00	24.54	177.53	0.00	0.00
ENSMUSG00000015599	Ttbk1	183.16	22.57	0.00	16.57	0.00	0.00	0.00	0.00	0.00	0.00	1031.80	592.92	827.67	271.45	1560.20	1168.77	681.83	998.46	996.02	1116.12	467.38	0.00	167.08	133.83	396.01
ENSMUSG00000015627	Gata5	41.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	104.28	67.97	149.20	183.15	164.43	0.00	209.25	125.57	184.01	0.00	110.59	0.00	0.00	0.00	0.00	33.56
ENSMUSG00000015652	Steap1	0.00	290.17	0.00	26.92	23.94	0.00	0.00	30.77	0.00	0.00	0.00	47.93	9.27	0.00	0.00	200.76	75.76	10.89	0.00	68.06	40.48	0.00	0.00	103.53	52.58
ENSMUSG00000015721	Nlrp5	22.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.62	106.65	80.91	0.00	143.27	0.00	78.40	0.00	65.50	0.00	0.00	0.00	0.00	98.44
ENSMUSG00000015787	Abo	0.00	0.00	32.05	0.00	0.00	0.00	0.00	0.00	45.45	31.28	0.00	8.50	97.37	0.00	0.00	57.50	0.00	0.00	0.00	22.97	89.35	0.00	0.00	35.35	0.00
ENSMUSG00000015854	Cd5l	0.00	0.00	0.00	0.00	7.37	18.39	0.00	0.00	0.00	0.00	228.35	153.06	201.70	41.76	369.22	377.02	104.82	188.37	252.92	266.27	92.41	236.10	123.57	204.54	252.82
ENSMUSG00000015962	1700016C1	44.86	0.00	0.00	0.00	0.00	21.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	175.27	0.00	189.92	0.00	3.61	11.91	218.42	71.08	129.66	0.00	0.00
ENSMUSG00000015980	Lrrc27	28.97	0.00	109.55	54.53	3.07	58.46	0.00	23.61	0.00	0.00	137.47	117.50	64.92	104.40	0.00	0.00	67.46	0.00	0.00	49.34	54.22	75.32	161.86	20.20	44.75
ENSMUSG00000016179	Camk1g	58.87	0.00	23.85	47.63	41.74	62.40	44.75	45.80	0.00	103.33	114.56	91.22	9.27	216.64	0.00	238.47	22.83	106.71	185.47	155.68	23.67	0.00	185.36	0.00	19.02
ENSMUSG00000016327	Atp1b4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.41	80.40	88.10	15.66	1.44	0.00	35.29	50.09	62.63	33.18	21.38	0.00	0.00	54.29	0.00
ENSMUSG00000016356	Col20a1	539.20	245.03	87.94	97.33	194.58	155.00	191.80	154.56	117.71	101.44	817.95	940.79	792.90	629.02	640.75	823.79	764.85	751.30	1009.27	922.16	248.97	610.98	966.82	763.87	351.26
ENSMUSG00000016458	Wt1	0.00	0.00	0.00	20.71	0.00	19.70	36.94	0.00	0.00	0.00	24.44	139.92	173.88	28.71	0.00	87.66	39.44	18.51	24.09	50.19	0.00	0.00	133.14	138.89	129.77
ENSMUSG00000016626	Nlrp14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72.55	42.52	30.14	65.25	0.00	114.05	6.23	54.44	107.19	88.47	142.05	0.00	0.00	40.40	35.80
ENSMUSG00000016763	Scube1	242.03	0.00	92.41	201.57	144.25	61.08	111.53	52.24	125.87	43.61	1093.66	950.84	1066.47	874.37	149.41	748.39	885.24	279.83	767.19	859.21	246.68	452.74	368.10	184.34	123.05
ENSMUSG00000016942	Tmprss6	152.32	0.00	0.00	0.00	0.00	0.00	0.00	15.74	0.00	0.00	706.45	357.14	382.54	665.57	624.94	516.52	540.69	455.13	422.74	762.23	316.17	421.43	415.97	190.65	236.04
ENSMUSG00000016995	Matn4	64.48	0.00	0.00	32.44	68.75	27.59	56.83	24.33	0.00	102.39	151.22	136.83	51.01	331.48	560.29	248.83	53.97	112.15	158.98	214.38	57.28	38.93	94.85	121.21	133.12
ENSMUSG00000016998	Svs4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.31	0.00	0.00	83.25	65.71	157.65	49.59	0.00	391.16	223.13	105.62	250.51	162.48	0.00	0.00	110.52	70.71	70.48
ENSMUSG00000017004	Svs5	0.00	0.00	0.00	0.00	0.00	0.00	52.57	19.32	0.00	0.00	109.21	0.00	4.64	39.15	150.85	0.00	37.36	76.22	86.72	37.43	0.00	0.00	0.00	17.68	89.49
ENSMUSG00000017064	Prl5a1	17.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.99	0.00	0.00	55.40	10.21	46.59	0.00	0.00	0.00	42.51
ENSMUSG00000017165	Gast	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	191.70	121.37	134.47	133.11	186.76	37.70	116.23	96.91	154.16	65.50	93.94	99.01	241.05	193.18	0.00
ENSMUSG00000017204	Gsdma	241.10	0.00	0.00	42.11	58.31	0.00	22.73	0.00	94.40	0.00	468.17	1202.85	795.21	900.47	2452.36	1157.45	1397.91	1513.48	1398.28	1760.10	915.68	1101.80	823.23	1744.90	1264.10
ENSMUSG00000017211	Gsdma2	304.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	630.84	704.24	512.37	305.38	981.23	1281.87	636.17	544.42	949.05	845.59	310.06	271.64	489.06	329.54	318.82
ENSMUSG00000017309	Cd300lg	35.51	0.00	0.00	0.00	0.00	129.39	79.56	44.36	6.99	66.36	33.60	117.50	64.92	15.66	426.69	137.61	58.12	63.15	16.86	23.82	105.39	0.00	49.60	20.20	118.58
ENSMUSG00000017310	Spint4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.79	0.00	0.00	0.00	235.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000017311	Pyy	495.28	78.45	0.00	0.00	0.00	0.00	0.00	17.89	0.00	66.36	2159.82	1067.57	1061.83	1158.87	3255.45	2166.93	1638.68	1307.69	1274.23	2246.69	1273.09	1294.74	1489.82	1109.82	798.73
ENSMUSG00000017314	Mpp2	215.87	645.90	211.65	98.02	120.92	88.67	257.87	119.50	286.70	100.49	530.79	197.90	243.43	190.53	81.89	367.60	358.04	361.49	442.01	461.08	174.12	98.16	324.59	345.95	48.10
ENSMUSG00000017316	Ppy	139.24	0.00	0.00	0.00	0.00	28.90	0.00	0.00	0.00	0.00	1030.27	446.82	428.91	501.13	660.86	735.19	456.63	580.35	444.42	638.02	669.77	1028.18	444.68	503.77	464.25
ENSMUSG00000017344	Vtn	7.48	0.00	20.87	0.00	0.00	0.00	0.00	5.01	0.00	0.00	94.70	49.47	118.24	127.89	192.51	92.37	75.76	113.24	131.28	108.04	35.89	81.24	50.47	148.99	109.63
ENSMUSG00000017400	Stac2	52.33	0.00	32.05	0.00	0.00	14.45	0.00	0.00	0.00	0.00	275.71	166.98	289.80	80.91	0.00	339.32	395.40	105.62	179.45	295.19	154.27	258.10	0.00	112.37	95.09
ENSMUSG00000017446	C1qtnf1	123.35	252.56	27.57	0.00	54.02	249.58	153.44	110.91	0.00	34.13	231.41	163.88	171.56	268.84	548.80	572.13	303.04	329.92	293.87	458.53	397.12	124.40	285.43	390.14	780.84
ENSMUSG00000017733	Eppin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.69	0.00	2.61	0.00	0.00	0.00	0.00	0.00	0.00	42.77	0.00	0.00	0.00	0.00
ENSMUSG00000017817	Jph2	0.00	0.00	15.65	0.00	29.46	9.20	0.00	52.24	0.00	0.00	75.61	79.62	136.79	44.37	0.00	181.91	221.05	211.23	0.00	111.44	164.20	0.00	0.00	167.92	43.63
ENSMUSG00000017868	Sgk2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106.92	40.20	34.78	75.69	0.00	136.67	73.68	31.58	0.00	223.73	71.02	0.00	62.66	107.32	0.00
ENSMUSG00000017922	Prl3c1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000017950	Hnf4a	88.78	0.00	23.85	0.00	0.00	0.00	0.00	2.86	27.97	0.00	213.84	125.23	255.03	172.26	216.93	186.63	175.39	383.27	99.96	216.93	183.29	257.26	236.70	125.00	314.35
ENSMUSG00000018008	Cyth4	193.44	0.00	0.00	0.00	28.24	33.50	0.00	47.94	0.00	0.00	369.64	309.99	461.36	227.08	1189.55	342.15	203.41	458.40	145.73	131.01	29.02	392.65	154.90	95.96	261.77
ENSMUSG00000018211	Wfdc15b	46.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.03	66.48	0.00	7.83	537.31	0.00	117.27	101.26	90.33	98.68	133.65	0.00	81.80	3.79	0.00
ENSMUSG00000018263	Tbx5	88.78	0.00	0.00	0.00	14.12	0.00	0.00	0.00	0.00	0.00	520.86	843.39	294.44	561.16	767.17	769.12	352.85	386.54	384.20	509.57	187.87	326.65	46.12	104.80	0.00
ENSMUSG00000018459	Slc13a3	108.40	260.08	26.83	0.00	0.00	0.00	57.54	0.00	0.00	0.00	216.14	353.28	438.18	289.72	324.68	213.02	141.14	20.69	266.17	267.12	45.06	39.77	29.59	58.08	68.24
ENSMUSG00000018470	Kcnab3	37.38	0.00	104.34	57.99	79.18	0.00	107.27	42.93	139.85	44.56	0.00	64.94	23.18	99.18	363.47	116.88	112.08	41.38	399.85	208.42	93.17	0.00	73.97	56.82	92.85
ENSMUSG00000018479	1700125H2	0.00	0.00	29.07	0.00	0.00	0.00	0.00	7.87	0.00	0.00	0.00	27.06	95.05	143.55	367.78	54.67	0.00	0.00	0.00	20.42	0.00	63.47	0.00	0.00	0.00
ENSMUSG00000018623	Mmp7	0.00	0.00	21.61	0.69	0.00	0.00	0.00	9.30	0.00	64.46	355.13	71.12	67.23	31.32	0.00	122.53	256.34	524.82	668.43	564.86	901.93	1073.87	984.22	869.93	986.67
ENSMUSG00000018634	Crhr1	63.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	451.36	216.45	280.53	255.79	163.78	536.31	216.90	288.54	8.43	139.51	116.85	328.34	188.84	159.09	55.93
ENSMUSG00000018698	Lhx1	56.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.83	177.80	301.39	287.11	798.78	161.18	326.91	215.59	150.55	205.02	109.21	110.01	82.67	29.04	57.05
ENSMUSG00000018845	Unc45b	132.70	0.00	198.98	168.43	47.26	0.00	0.00	17.17	0.00	0.00	299.38	219.54	201.70	153.99	0.00	49.01	91.33	212.32	101.17	52.74	53.46	0.00	0.00	60.60	0.00
ENSMUSG00000018862	Otop3	43.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.33	85.81	178.52	318.43	0.00	226.21	118.31	131.75	0.00	127.60	1.53	46.54	0.00	51.77	0.00
ENSMUSG00000018868	Pnpla5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.39	0.00	0.00	44.37	0.00	21.68	71.61	18.51	0.00	80.82	0.00	70.24	0.00	30.30	55.93
ENSMUSG00000018930	Ccl4	0.00	0.00	0.00	40.04	9.82	46.63	0.00	0.00	0.00	0.00	35.90	0.00	34.78	18.27	0.00	0.00	0.00	40.29	0.00	17.01	133.65	143.86	0.00	0.00	0.00
ENSMUSG00000018986	Slfn3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.62	79.55	0.00	0.00	0.00
ENSMUSG00000019027	Dnah1	356.04	89.20	0.00	39.35	15.35	29.56	18.47	17.17	0.00	112.81	1121.92	1277.84	1235.71	1372.89	1001.35	1082.99	999.40	848.20	967.11	812.42	356.65	682.07	317.63	277.77	482.15
ENSMUSG00000019102	Aldh3a1	449.49	807.10	755.69	1346.08	1020.80	2392.06	927.76	1236.47	1934.62	1690.30	562.87	572.82	973.73	537.67	751.37	643.76	617.49	1131.30	871.97	1063.37	788.14	505.20	903.29	1047.95	577.24
ENSMUSG00000019301	Hsd17b1	33.64	0.00	0.00	0.00	19.64	0.00	18.47	0.00	0.00	0.00	58.81	37.88	104.33	7.83	0.00	8.48	0.00	41.38	0.00	0.00	0.00	0.00	0.00	26.51	31.32
ENSMUSG00000019368	Sec14l4	96.25	114.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	168.78	143.79	259.66	78.30	541.62	261.09	360.11	223.21	195.11	381.11	228.35	178.56	250.62	344.69	595.14
ENSMUSG00000019761	Krt10	422.39	796.36	338.35	129.78	187.83	146.47	259.29	201.79	107.22	257.86	536.14	589.83	623.65	783.02	1123.46	815.31	1739.34	2062.26	2204.01	3395.14	5979.77	4217.64	4411.15	3228.45	3243.04
ENSMUSG00000019762	Iyd	34.58	1.07	69.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.85	209.49	88.10	375.85	906.53	164.95	407.85	204.70	362.52	107.19	310.83	399.42	104.43	119.95	62.65
ENSMUSG00000019772	Vip	56.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.06	0.00	350.55	306.12	470.64	307.99	505.70	812.48	392.29	316.85	546.79	278.18	156.56	236.10	87.02	314.39	41.39
ENSMUSG00000019803	Nr2e1	0.00	16.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.60	102.34	23.96	81.14	0.00	226.99	55.61	77.83	21.78	105.99	0.00	0.00	0.00	104.43	0.00	0.00
ENSMUSG00000019828	Grm1	46.72	1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.79	228.82	71.87	133.11	0.00	126.30	157.74	170.95	31.31	96.13	80.95	0.00	31.33	17.68	0.00
ENSMUSG00000019856	Fam184a	23.36	0.00	0.00	17.95	0.00	0.00	110.82	65.12	0.00	94.80	81.72	24.74	13.91	75.69	0.00	66.92	277.09	142.64	381.79	62.10	0.00	49.93	67.01	0.00	111.87
ENSMUSG00000019865	Nmbr	99.99	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	80.19	115.96	122.88	78.30	244.23	303.50	94.44	305.96	0.00	13.61	31.31	0.00	55.69	0.00	44.75
ENSMUSG00000019867	Gje1	27.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.08	122.88	75.69	0.00	105.57	0.00	145.90	0.00	47.64	62.62	0.00	0.00	23.99	0.00
ENSMUSG00000019880	Rspo3	64.48	0.00	0.00	0.00	0.00	42.04	46.18	2.15	0.00	0.00	220.72	114.41	30.14	221.86	137.92	119.70	24.91	74.04	110.80	24.67	100.81	0.00	183.62	63.13	24.61
ENSMUSG00000019888	Mgat4c	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151.98	155.38	331.53	261.01	531.56	253.55	112.08	140.46	36.13	39.98	162.67	146.40	195.80	0.00	166.68
ENSMUSG00000019890	Nts	1094.30	688.89	0.00	0.00	0.00	0.00	0.00	41.50	0.00	81.53	2393.53	2059.38	1845.45	2140.25	4005.38	3943.64	2684.77	2536.99	3921.45	2907.69	1877.18	2300.07	2393.11	2348.42	2909.68
ENSMUSG00000019893	Ros1	124.29	0.00	0.00	0.00	24.55	0.00	0.00	0.00	0.00	0.00	155.80	99.72	0.00	10.44	0.00	189.45	64.34	90.37	0.00	13.61	114.56	0.00	0.00	63.13	91.73
ENSMUSG00000019894	Slc6a15	229.89	41.91	14.16	51.08	0.00	0.00	0.00	78.71	102.56	0.00	841.63	464.60	273.57	756.92	479.84	593.81	282.28	296.16	604.60	179.50	267.30	276.72	97.46	60.60	61.53
ENSMUSG00000019909	Fam162b	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.45	132.15	2.61	360.60	145.15	92.36	22.87	137.30	14.46	0.00	16.92	84.41	22.73	46.98
ENSMUSG00000019933	Mrln	84.10	97.80	65.58	0.00	0.00	0.00	0.00	13.60	0.00	0.00	0.00	0.77	104.33	0.00	209.75	0.00	28.02	60.97	0.00	43.39	0.00	0.00	0.00	60.60	0.00
ENSMUSG00000019987	Arg1	114.94	0.00	0.00	65.58	21.48	122.16	58.25	112.34	108.39	16.12	314.66	431.36	289.80	281.89	550.24	388.33	655.89	457.31	608.21	251.81	630.05	348.65	549.11	496.20	435.16
ENSMUSG00000020000	Moxd1	131.76	582.49	345.80	651.64	209.93	431.52	551.97	680.49	524.45	712.90	88.59	115.96	125.19	125.28	508.57	155.52	62.27	185.10	185.47	134.41	319.23	258.95	154.90	112.37	178.99
ENSMUSG00000020010	Vnn3	88.78	0.00	0.00	0.00	0.00	0.00	0.00	38.64	0.00	95.75	277.23	195.58	159.97	46.98	346.23	367.60	449.36	305.96	504.63	695.87	1289.13	792.92	1237.46	616.15	1028.06
ENSMUSG00000020014	Cfap54	107.47	99.95	35.03	0.00	0.00	28.24	0.00	13.60	0.00	0.00	155.80	54.89	143.74	193.14	626.38	53.73	133.88	249.34	346.86	245.00	229.11	114.24	288.04	330.80	506.76
ENSMUSG00000020037	Rfx4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.85	58.75	201.70	31.32	0.00	147.98	91.33	117.59	0.00	84.22	19.86	27.08	61.79	0.00	0.00
ENSMUSG00000020051	Pah	58.87	0.00	72.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1261.68	785.41	421.95	712.55	257.16	705.03	859.29	427.91	468.50	852.40	343.67	385.88	300.23	252.52	275.19
ENSMUSG00000020067	Mypn	142.04	0.00	0.00	46.25	35.60	0.00	0.00	0.00	0.00	0.00	402.49	323.90	440.50	167.04	0.00	541.03	379.83	41.38	163.80	229.69	310.06	87.16	127.05	143.94	88.38
ENSMUSG00000020072	Pbld2	237.36	22.57	0.00	62.13	0.00	0.00	32.68	40.07	101.39	163.06	395.61	331.63	199.38	323.65	948.19	428.86	266.71	386.54	466.09	403.23	158.85	174.32	170.56	85.86	191.29
ENSMUSG00000020080	Hkdc1	115.88	0.00	0.00	0.00	30.69	0.00	0.00	0.00	0.00	0.00	665.21	436.77	537.87	381.07	158.03	582.50	517.86	652.21	348.06	343.68	181.00	262.33	142.72	165.40	0.00
ENSMUSG00000020125	Elane	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.81	0.00	0.00	2.61	0.00	0.00	21.79	0.00	68.65	22.97	48.88	31.31	0.00	0.00	0.00
ENSMUSG00000020131	Pcsk4	96.25	117.14	95.39	11.74	75.50	75.53	0.00	24.33	0.00	0.00	0.00	12.37	6.96	0.00	0.00	24.51	0.00	0.00	40.95	21.27	80.19	0.00	0.00	0.00	20.14
ENSMUSG00000020140	Lgr5	59.81	0.00	0.00	2.76	0.00	0.00	63.22	0.00	1.17	118.50	116.85	153.83	178.52	91.35	0.00	36.76	150.48	18.51	254.12	27.22	48.11	0.00	0.00	0.00	0.00
ENSMUSG00000020155	Kcnmb1	57.00	49.44	0.00	51.77	0.00	35.47	17.05	0.00	0.00	0.00	352.84	120.59	90.42	227.08	1.44	246.01	159.82	71.86	232.44	139.51	291.73	94.78	156.64	0.00	43.63
ENSMUSG00000020159	Gabrp	79.43	0.00	0.00	19.33	0.00	179.31	331.04	142.39	227.26	656.97	528.50	426.72	470.64	334.09	803.09	662.61	711.93	486.71	769.60	1184.17	2859.29	1490.22	1801.36	1891.37	1315.56
ENSMUSG00000020216	Jsrp1	58.87	0.00	99.86	90.43	7.98	0.00	0.00	0.00	0.00	0.00	95.47	86.58	60.28	117.45	324.68	60.32	212.75	93.64	184.27	73.16	42.77	286.03	209.72	39.14	52.58
ENSMUSG00000020229	Slc5a4a	22.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.60	37.09	65.25	0.00	0.00	0.00	0.00	0.00	26.37	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000020251	Glt8d2	41.12	227.84	0.00	88.36	28.24	118.22	13.50	67.98	0.00	21.80	175.66	111.32	90.42	36.54	452.55	11.31	0.00	60.97	179.45	145.47	16.80	0.00	254.10	69.44	45.87
ENSMUSG00000020264	Slc36a2	72.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	397.14	201.76	199.38	146.16	324.68	596.64	295.77	413.76	540.77	398.13	135.94	101.55	162.73	99.74	315.47
ENSMUSG00000020310	Madcam1	411.18	317.04	104.34	26.92	0.00	22.99	31.26	10.73	0.00	38.87	1550.37	1997.54	1755.04	1970.60	3039.96	2302.66	819.86	967.98	1100.80	911.95	612.49	748.07	597.84	428.02	326.65
ENSMUSG00000020312	Shc2	62.61	0.00	54.40	0.00	98.21	0.00	31.26	0.00	0.00	0.00	400.19	134.51	162.29	78.30	272.96	179.09	120.38	301.61	31.31	66.35	65.68	47.39	0.00	22.73	0.00
ENSMUSG00000020317	Theg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	14.69	41.73	57.42	168.09	97.08	143.22	116.51	10.84	115.69	39.71	0.00	0.00	0.00	0.00
ENSMUSG00000020325	Fstl3	52.33	0.00	0.00	48.32	0.00	21.02	0.00	0.00	0.00	0.00	131.36	42.52	27.82	180.09	0.00	178.14	156.71	42.46	24.09	75.71	61.86	0.00	0.00	89.64	0.00
ENSMUSG00000020374	Rasgef1c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	118.38	99.72	159.97	125.28	152.29	93.31	0.00	116.51	0.00	21.27	0.00	29.62	0.00	34.09	39.15
ENSMUSG00000020396	Nefh	457.90	127.89	82.72	17.26	25.17	19.05	92.35	0.00	0.00	228.47	1810.80	1452.54	1738.81	1821.82	965.43	1936.00	1234.98	1538.53	1463.32	1784.77	801.12	816.62	979.87	850.99	1186.92
ENSMUSG00000020405	Fabp6	78.50	0.00	0.00	43.49	34.99	58.46	0.00	21.47	0.00	0.00	1534.33	1496.61	827.67	876.98	3187.93	1827.61	1064.78	854.74	858.72	748.61	665.18	699.84	952.89	228.53	280.79
ENSMUSG00000020407	Upp1	201.85	336.38	111.79	63.51	71.82	77.50	26.99	50.09	97.90	0.00	326.11	500.93	143.74	80.91	0.00	609.83	339.36	605.39	375.77	472.99	541.46	446.81	388.99	412.87	157.73
ENSMUSG00000020419	Hormad2	50.46	0.00	0.00	0.00	0.00	0.00	0.00	22.18	0.00	0.00	0.00	51.79	234.16	0.00	0.00	0.00	0.00	92.55	0.00	8.51	22.91	0.00	0.00	0.00	0.00
ENSMUSG00000020428	Gabra6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.55	13.91	127.89	0.00	0.00	0.00	0.00	39.74	0.00	0.00	52.47	0.00	0.00	0.00
ENSMUSG00000020429	Igfbp1	64.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158.86	150.74	111.28	477.64	0.00	55.61	28.02	144.82	0.00	94.43	174.12	12.69	260.20	74.49	20.14
ENSMUSG00000020434	4921536K2	17.76	0.00	0.00	0.00	0.00	0.00	11.37	0.00	0.00	0.00	121.43	119.82	55.64	7.83	0.00	44.30	50.85	9.80	0.00	5.10	56.51	0.00	35.68	61.87	41.39
ENSMUSG00000020435	Osbp2	109.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.31	0.00	1089.08	624.62	785.94	840.44	554.55	491.07	211.71	179.66	215.58	461.08	74.84	372.34	88.76	236.11	107.39
ENSMUSG00000020436	Gabrg2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.11	14.69	0.00	0.00	0.00	9.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.46	0.00
ENSMUSG00000020447	Npc1l1	54.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	153.51	91.22	108.97	60.03	0.00	65.04	180.58	102.35	78.28	89.32	0.00	125.24	56.56	95.96	85.02
ENSMUSG00000020469	Myl7	72.89	58.03	0.00	0.00	0.00	35.47	0.00	79.43	83.91	0.00	338.33	306.12	275.89	156.60	1846.10	243.18	465.97	274.39	605.80	558.06	523.13	431.58	696.18	541.65	258.41
ENSMUSG00000020490	Btnl10	28.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172.60	330.09	194.75	167.04	719.76	311.04	185.77	369.12	331.20	182.90	45.82	201.40	0.00	65.65	0.00
ENSMUSG00000020542	Myocd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.77	78.08	32.46	2.61	321.81	112.16	0.00	0.00	0.00	22.97	38.95	9.31	0.00	26.51	0.00
ENSMUSG00000020562	Efcab10	0.00	0.00	0.00	0.00	0.00	16.42	0.00	5.72	0.00	0.00	141.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.33	50.34
ENSMUSG00000020566	Atp6v1c2	103.73	0.00	65.58	0.00	0.00	51.23	137.81	15.03	157.33	0.00	62.63	43.29	113.60	112.23	350.54	204.53	412.00	247.17	466.09	302.85	351.30	506.90	537.80	248.73	108.51
ENSMUSG00000020581	Agr2	86.91	220.31	0.00	0.00	0.00	73.56	240.11	208.94	79.25	369.72	87.07	103.59	27.82	39.15	202.57	92.37	124.54	46.82	133.69	211.82	303.19	279.26	174.91	380.04	514.59
ENSMUSG00000020583	Matn3	71.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155.80	204.08	78.83	101.79	403.70	99.91	117.27	41.38	128.87	225.44	84.01	121.86	169.69	53.03	116.34
ENSMUSG00000020591	Ntsr2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.87	0.00	57.42	0.00	0.00	79.91	0.00	233.65	75.71	109.97	78.70	0.00	15.15	44.75
ENSMUSG00000020622	Nt5c1b	32.71	0.00	0.00	0.00	0.00	47.95	0.00	0.00	0.00	0.00	0.00	23.19	20.87	5.22	0.00	61.27	51.89	0.00	0.00	0.00	0.00	87.16	0.00	0.00	0.00
ENSMUSG00000020636	Allc	20.56	0.00	0.00	0.00	0.00	16.42	0.00	0.00	0.00	0.00	0.00	11.60	76.51	13.05	0.00	0.00	69.53	15.24	45.77	69.76	38.95	0.00	0.00	44.19	22.37
ENSMUSG00000020658	Efr3b	245.77	251.48	56.64	135.99	89.62	0.00	25.57	40.07	0.00	110.92	807.26	529.53	1043.28	574.21	1162.25	1002.88	493.99	556.40	593.76	536.79	348.25	217.48	494.29	171.71	209.19
ENSMUSG00000020660	Pomc	961.60	283.72	0.00	25.54	67.52	0.00	0.00	11.45	0.00	37.92	3104.56	2626.79	3222.59	2278.58	4001.07	5255.67	3221.31	2866.91	2839.92	2856.65	1417.43	1429.29	1523.76	1372.44	1045.96
ENSMUSG00000020690	Efcab3	113.07	0.00	32.79	13.81	22.71	0.00	0.00	17.89	0.00	0.00	1193.71	906.78	1013.14	1033.58	0.00	49.01	95.48	56.62	37.34	50.19	1997.84	792.92	717.93	0.00	67.12
ENSMUSG00000020695	Mrc2	236.43	0.00	46.21	75.93	34.37	145.15	70.33	140.96	0.00	0.00	643.82	343.23	549.46	441.10	324.68	689.95	302.00	426.82	246.90	298.60	383.38	239.48	178.40	296.71	385.94
ENSMUSG00000020701	Tmem132e	50.46	0.00	34.28	65.58	100.67	12.48	34.10	25.04	0.00	0.00	61.10	70.35	11.59	23.49	372.09	58.44	57.08	149.17	219.20	91.88	153.50	88.01	141.85	50.50	0.00
ENSMUSG00000020704	Asic2	1.87	0.00	11.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.01	100.50	234.16	52.20	241.36	133.84	229.35	39.20	0.00	22.97	19.09	0.00	0.00	18.94	0.00
ENSMUSG00000020732	Rab37	41.12	0.00	41.73	0.00	29.46	101.15	0.00	0.00	0.00	0.00	38.95	64.16	71.87	2.61	672.35	132.90	225.20	156.79	108.39	251.81	155.03	49.93	242.79	381.30	202.48
ENSMUSG00000020785	Camkk1	262.59	0.00	0.00	50.39	40.51	298.84	242.95	74.42	0.00	61.62	320.77	226.50	166.93	493.30	794.47	180.97	370.49	442.07	61.42	225.44	581.18	137.09	229.74	170.45	189.06
ENSMUSG00000020787	P2rx1	309.32	156.91	0.00	28.99	13.50	136.61	124.32	198.21	0.00	0.00	738.53	238.87	572.65	245.35	555.98	117.82	649.66	415.94	396.24	281.58	499.46	88.85	421.19	422.97	135.36
ENSMUSG00000020799	Tekt1	0.00	0.00	70.05	90.43	16.57	88.67	45.46	99.46	0.00	0.00	28.26	74.98	37.09	0.00	245.67	157.41	338.32	327.74	155.36	245.00	217.65	337.65	229.74	315.65	66.00
ENSMUSG00000020805	Slc13a5	41.12	0.00	0.00	28.99	0.00	0.00	0.00	0.00	0.00	0.00	47.35	63.39	88.10	15.66	0.00	47.13	95.48	106.71	118.03	100.38	111.50	103.24	79.19	0.00	35.80
ENSMUSG00000020811	Wscd1	1996.09	1616.35	1717.82	2102.65	1687.42	3519.13	2420.29	2836.45	1998.72	2469.56	204.68	190.94	171.56	127.89	709.71	587.21	693.25	251.52	225.22	398.13	819.45	706.61	1145.21	1020.18	1415.12
ENSMUSG00000020836	Coro6	171.95	121.44	69.31	23.47	20.87	68.31	0.00	88.73	0.00	0.00	85.54	56.43	27.82	67.86	0.00	116.88	144.25	182.92	323.98	129.31	197.80	351.19	85.28	68.18	69.36

ENSMUSG00000020875	Hoxb9	356.98	0.00	0.00	56.60	0.00	0.00	0.00	0.00	0.00	0.00	410.89	480.06	271.25	360.19	241.36	766.30	385.02	324.47	279.42	411.74	86.30	229.33	384.64	186.86	139.83
ENSMUSG00000020884	Asgr1	12.15	0.00	70.05	0.00	15.96	0.00	56.12	0.00	0.00	0.00	58.81	75.76	118.24	18.27	0.00	0.00	0.00	37.02	44.56	93.58	9.16	94.78	40.90	85.86	0.00
ENSMUSG00000020904	Cfap52	65.41	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.61	13.91	54.81	0.00	0.00	279.17	117.59	292.66	139.51	190.93	0.00	503.86	306.81	102.92
ENSMUSG00000020907	Rcvrn	123.35	0.00	0.00	0.00	28.24	0.00	0.00	0.00	0.00	0.00	435.33	310.76	315.30	443.71	999.91	511.81	292.66	324.47	65.04	399.83	168.78	173.48	6.09	189.39	163.33
ENSMUSG00000020908	Myh3	267.27	0.00	0.00	33.82	90.85	0.00	64.65	0.00	0.00	0.00	2625.70	2497.69	2459.83	1652.17	1920.80	2288.52	1414.51	1444.89	1334.45	2110.58	685.80	892.78	714.45	795.43	568.29
ENSMUSG00000020912	Krt12	213.07	0.00	0.00	31.06	0.00	33.50	0.00	21.47	0.00	30.34	294.80	142.24	74.19	206.19	0.00	218.67	152.56	64.24	258.94	220.33	0.00	168.40	133.14	77.02	170.04
ENSMUSG00000020913	Krt24	194.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	588.07	474.65	428.91	292.33	293.08	452.43	654.85	440.98	563.65	802.21	465.86	897.86	646.57	479.79	458.66
ENSMUSG00000020928	Higd1b	21.49	0.00	0.00	0.00	0.00	0.00	61.09	0.00	0.00	0.00	0.00	38.65	4.64	7.83	0.00	32.05	30.10	0.00	0.00	88.47	61.10	0.00	19.14	23.99	0.00
ENSMUSG00000020963	Tshr	0.00	67.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106.92	107.45	115.92	0.00	0.00	102.74	92.36	0.00	60.22	138.66	158.09	38.93	0.00	80.81	70.48
ENSMUSG00000020990	Cdkl1	3.74	0.00	0.75	11.74	0.00	22.99	19.18	16.46	0.00	0.00	0.00	85.81	34.78	65.25	0.00	0.00	117.27	0.00	97.55	90.17	38.19	0.00	0.00	97.22	0.00
ENSMUSG00000021010	Npas3	114.94	0.00	53.66	46.25	69.36	51.23	267.82	82.29	0.00	137.46	60.33	110.54	55.64	54.81	0.00	41.47	51.89	14.15	0.00	78.26	34.37	39.77	61.79	0.00	7.83
ENSMUSG00000021032	Ngb	117.75	0.00	0.00	0.00	8.59	51.89	0.00	11.45	0.00	0.00	74.85	47.93	257.34	54.81	0.00	135.73	51.89	53.35	243.28	92.73	28.26	78.70	34.81	0.00	0.00
ENSMUSG00000021055	Esr2	27.10	0.00	0.00	0.00	0.00	0.00	0.00	15.74	0.00	0.00	62.63	37.11	266.62	88.74	0.00	0.00	115.20	103.44	108.39	170.99	0.00	0.00	0.00	0.00	91.73
ENSMUSG00000021056	Tex21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.56	27.82	80.91	0.00	17.91	0.00	94.73	157.77	0.00	0.00	0.00	109.65	22.73	0.00
ENSMUSG00000021071	Trim9	40.18	0.00	0.00	26.92	0.00	0.00	51.15	31.48	142.18	38.87	77.14	47.93	27.82	15.66	280.15	4.71	0.00	52.26	66.24	5.10	0.00	220.02	0.00	12.63	0.00
ENSMUSG00000021081	Serpina1f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.01	13.91	0.00	20.88	0.00	0.00	0.00	33.75	0.00	14.46	0.00	0.00	13.05	0.00	0.00
ENSMUSG00000021135	Slc10a1	0.00	0.00	23.10	17.26	25.17	0.00	0.00	0.00	0.00	0.00	0.00	8.50	0.00	5.22	508.57	21.68	40.47	80.57	59.01	52.74	66.44	0.00	0.00	50.50	0.00
ENSMUSG00000021194	Chga	3381.01	11879.78	207.18	473.55	51.56	648.92	554.81	182.47	0.00	0.00	1567.94	1932.60	1836.18	1986.26	1495.55	2745.66	1733.12	2525.01	1769.23	2599.73	1548.02	851.31	1438.48	1565.62	1568.38
ENSMUSG00000021207	Akr1c21	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	638.48	262.06	183.15	156.60	1146.45	87.66	248.03	105.62	364.93	292.64	308.53	62.62	93.98	191.91	202.48
ENSMUSG00000021208	Ifi27l2b	82.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.04	25.51	90.42	101.79	1.44	161.18	92.36	197.08	349.27	235.64	183.29	65.16	83.54	233.58	133.12
ENSMUSG00000021214	Akr1c18	263.53	205.27	0.00	0.00	38.67	0.00	0.00	0.00	0.00	90.06	821.77	568.96	505.41	344.53	2025.68	1034.92	419.27	573.82	557.63	648.23	433.78	478.12	492.55	270.20	351.26
ENSMUSG00000021239	Vsx2	59.81	163.36	0.00	34.51	0.00	0.00	0.00	12.16	0.00	0.00	49.64	112.09	48.69	407.17	0.00	137.61	13.49	51.18	8.43	76.56	29.78	77.01	25.24	47.98	0.00
ENSMUSG00000021255	Esrrb	93.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	994.37	386.52	229.52	545.50	586.15	314.81	128.69	90.37	291.46	267.12	368.87	114.24	222.78	108.58	0.00
ENSMUSG00000021259	Cyp46a1	95.32	0.00	124.46	10.35	0.00	21.02	0.00	0.00	0.00	0.00	161.15	106.68	2.32	41.76	0.00	270.51	125.57	90.37	85.51	89.32	96.99	0.00	92.24	40.40	0.00
ENSMUSG00000021303	Gng4	69.15	0.00	15.65	35.21	0.00	0.00	0.00	17.89	221.43	0.00	144.34	215.68	257.34	224.47	0.00	393.99	208.60	512.84	80.69	240.75	138.23	255.56	120.09	30.30	413.91
ENSMUSG00000021313	Ryr2	92.52	81.68	29.81	64.20	0.00	0.00	78.14	38.64	0.00	58.78	717.91	793.14	1098.93	785.63	124.99	517.46	735.80	396.34	183.07	446.62	433.02	293.64	494.29	148.99	444.11
ENSMUSG00000021337	Scgn	14.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.48	236.55	164.61	216.64	294.51	272.40	179.54	112.15	193.90	148.02	60.33	0.00	295.88	0.00	58.17
ENSMUSG00000021342	Prl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.09	0.00	0.00	11.31	0.00	0.00	96.35	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000021347	Prl7b1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.31	0.00	0.00	0.00
ENSMUSG00000021362	Gcm2	34.58	0.00	0.00	39.35	0.00	0.00	0.00	0.00	0.00	0.00	33.60	55.66	97.37	23.49	0.00	85.77	116.23	35.93	285.44	53.59	27.49	71.93	0.00	0.00	0.00
ENSMUSG00000021363	Mak	38.31	0.00	32.05	0.00	0.00	0.00	0.00	0.00	152.67	85.32	0.00	149.97	157.65	31.32	270.09	141.38	107.93	87.11	62.63	254.36	71.79	131.17	111.39	8.84	153.26
ENSMUSG00000021364	Elovl2	255.12	0.00	121.48	0.00	41.13	0.00	0.00	47.23	0.00	0.00	389.50	391.16	303.71	341.92	741.31	726.71	350.77	573.82	457.66	495.11	421.56	484.05	151.42	215.90	123.05
ENSMUSG00000021367	Edn1	176.62	216.02	0.00	35.21	22.10	0.00	20.60	0.00	114.21	73.00	381.86	182.44	296.76	472.42	0.00	227.16	241.81	312.50	343.25	362.40	620.89	338.49	522.13	236.11	387.06
ENSMUSG00000021388	Aspn	299.04	82.75	91.67	46.94	0.00	74.22	36.94	33.63	0.00	48.35	517.81	655.54	625.97	610.75	248.54	705.97	393.32	346.25	237.26	322.41	317.70	202.25	405.52	126.26	183.46
ENSMUSG00000021403	Serpinb9b	123.35	0.00	0.00	0.00	0.00	0.00	34.81	0.00	0.00	0.00	685.83	427.49	730.30	501.13	637.87	517.46	369.45	189.46	569.67	628.67	378.80	330.03	328.94	161.61	69.36
ENSMUSG00000021423	Ly86	57.00	0.00	0.00	39.35	0.00	49.92	52.57	11.45	0.00	0.00	140.53	90.45	190.11	208.80	241.36	126.30	84.06	50.09	130.07	0.85	58.04	70.24	0.00	37.88	95.09
ENSMUSG00000021439	Ctsq	49.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.28	133.74	76.51	26.10	0.00	103.68	43.59	8.71	0.00	62.10	0.00	44.85	96.59	160.35	67.12
ENSMUSG00000021441	Cts6	44.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.74	0.00	73.08	0.00	59.38	0.00	30.49	116.82	69.76	5.35	0.00	115.74	23.99	0.00
ENSMUSG00000021456	Fbp2	57.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.62	30.55	0.00	46.37	13.05	133.61	13.20	93.40	51.18	90.33	74.01	106.92	207.33	321.11	70.71	380.35
ENSMUSG00000021464	Ror2	101.86	126.82	95.39	92.50	79.18	248.27	90.22	74.42	81.58	163.06	106.92	122.91	222.57	18.27	0.00	159.29	131.80	70.77	0.00	6.81	124.48	35.54	0.00	29.04	361.33
ENSMUSG00000021478	Drd1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.07	2.32	109.62	0.00	43.36	5.19	66.42	0.00	0.00	0.00	39.77	57.43	0.00	0.00
ENSMUSG00000021490	Slc34a1	73.83	66.63	8.20	20.71	0.00	0.00	0.00	0.00	0.00	0.00	64.92	240.42	53.32	122.67	0.00	69.75	46.70	65.33	113.21	133.56	75.61	0.00	194.93	77.02	0.00
ENSMUSG00000021492	F12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.02	0.00	0.00	96.57	0.00	46.19	83.02	101.26	0.00	19.57	0.00	55.01	0.00	0.00	0.00
ENSMUSG00000021506	Pitx1	0.00	218.16	0.00	0.00	0.00	0.00	0.00	30.05	73.42	54.04	0.00	49.47	2.32	0.00	0.00	33.93	0.00	94.73	6.02	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000021534	1700001L1	84.10	0.00	32.79	17.26	0.00	0.00	0.00	0.00	0.00	0.00	129.83	30.15	34.78	65.25	163.78	49.01	249.07	121.95	28.91	152.28	64.15	0.00	0.00	0.00	106.27
ENSMUSG00000021539	Lect2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.04	39.43	0.00	91.35	0.00	56.55	47.74	43.55	71.06	35.73	0.00	0.00	0.00	50.50	0.00
ENSMUSG00000021565	Slc6a19	193.44	0.00	22.36	0.00	40.51	0.00	27.71	0.00	0.00	132.72	290.22	698.83	180.84	281.89	488.46	563.65	360.11	391.98	741.90	649.93	416.22	582.21	368.97	530.29	225.97
ENSMUSG00000021575	Ahrr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.01	77.30	51.01	96.57	0.00	48.07	147.37	50.09	116.82	116.55	135.17	27.08	0.00	74.49	0.00
ENSMUSG00000021613	Hapln1	251.38	0.00	0.00	20.02	3.68	0.00	0.00	35.78	0.00	0.00	455.18	225.73	308.35	401.95	300.26	1051.89	221.05	377.83	493.79	296.04	530.01	51.62	137.50	106.06	199.12
ENSMUSG00000021614	Vcan	2556.78	1068.26	3481.84	3793.19	3734.54	1718.84	3192.48	2641.10	1654.92	3276.32	1874.95	2142.09	1880.23	1706.98	295.95	1602.34	2101.53	1474.29	1872.81	1738.83	1292.18	2003.89	2299.13	1505.01	1486.72
ENSMUSG00000021640	Naip1	46.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	305.49	88.90	199.38	114.84	214.06	320.47	232.47	175.30	102.37	182.90	439.89	174.32	122.70	425.49	230.45
ENSMUSG00000021647	Cartpt	11.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	130.60	30.15	2.32	57.42	0.00	280.88	157.74	10.89	0.00	24.67	274.93	253.02	24.37	63.13	23.49
ENSMUSG00000021702	Thbs4	1512.02	2563.17	1860.16	2331.14	1146.63	3257.72	4038.55	3633.57	3886.73	3577.79	341.39	308.44	461.36	391.51	494.21	506.15	468.05	361.49	545.58	662.69	458.98	723.53	526.48	679.28	826.70
ENSMUSG00000021718	4933425L0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.37	0.00	10.44	0.00	0.00	0.00	0.00	0.00	0.00	22.91	0.00	0.00	0.00	0.00
ENSMUSG00000021719	Rgs7bp	186.90	98.87	33.54	0.00	0.00	0.00	80.27	0.00	80.42	0.00	122.20	224.95	312.99	91.35	738.44	238.47	107.93	181.84	81.90	244.15	387.96	121.86	228.00	258.83	293.09
ENSMUSG00000021721	Htr1a	64.48	0.00	0.00	24.16	0.00	0.00	0.00	0.00	0.00	0.00	77.14	64.94	192.43	224.47	0.00	49.01	88.21	33.75	24.09	157.38	141.28	0.00	0.00	17.68	0.00
ENSMUSG00000021750	Fam107a	0.00	0.00	29.81	43.49	22.10	174.71	110.82	65.83	0.00	0.00	184.82	330.09	166.93	70.47	0.00	238.47	194.07	137.19	55.40	251.81	151.98	93.09	219.30	29.04	105.16
ENSMUSG00000021751	Acox2	48.59	55.88	0.00	37.97	0.61	1.31	0.00	0.00	0.00	0.00	209.26	279.07	90.42	114.84	351.98	467.51	258.41	431.18	698.54	255.21	256.60	236.10	465.57	290.40	52.58
ENSMUSG00000021758	Ddx4	28.03	0.00	0.00	0.00	14.12	0.00	0.00	0.00	0.00	0.00	148.93	112.09	23.18	461.98	123.55	101.80	0.00	83.84	0.00	67.21	54.99	0.00	62.66	36.62	1.12
ENSMUSG00000021768	Dusp13	7.48	0.00	23.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.16	0.00	7.83	472.66	122.53	30.10	42.46	27.70	68.91	39.71	78.70	0.00	32.83	0.00
ENSMUSG00000021790	Dydc1	0.00	0.00	0.00	0.00	0.00	0.00	58.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	17.01	0.00	72.78	0.00	0.00	0.00
ENSMUSG00000021795	Sftpd	250.45	2.15	0.00	0.00	0.00	83.41	129.29	140.96	0.00	264.49	418.52	254.33	350.08	279.28	623.51	597.58	651.73	708.83	507.04	1353.46	1012.67	944.40	1054.71	1345.92	965.42
ENSMUSG00000021799	Opn4	41.12	0.00	0.00	0.00	0.00	0.00	0.00	18.60	54.78	0.00	152.75	306.90	113.60	206.19	152.29	165.89	175.39	39.20	98.76	168.44	116.85	90.55	87.89	32.83	53.70
ENSMUSG00000021848	Otx2	22.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	179.48	0.00	60.28	255.79	555.98	168.72	30.10	40.29	54.20	61.25	0.00	116.78	0.00	63.13	0.00
ENSMUSG00000021850	1700011H1	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	113.03	31.69	92.74	96.57	0.00	78.23	0.00	98.00	36.13	94.43	0.00	99.01	113.13	23.99	38.03
ENSMUSG00000021872	Rnase10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.74	47.16	69.55	7.83	0.00	0.00	0.00	42.46	84.31	0.00	0.00	0.00	87.02	0.00	0.00
ENSMUSG00000021879	Dnah12	52.33	0.00	0.00	0.00	0.00	0.00	23.44	107.33	0.00	0.00	184.82	71.89	62.60	310.60	0.00	55.61	345.59	271.12	1.20	216.08	318.46	154.86	262.81	236.11	0.00
ENSMUSG00000021880	Rnase6	13.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.15	0.00	65.25	175.27	11.31	55.00	54.44	0.00	15.31	37.42	60.08	0.00	32.83	29.09
ENSMUSG00000021898	Asb14	0.00	10.75	0.00	0.00	0.00	0.00	22.73	0.00	0.00	0.00	32.84	0.00	0.00	20.88	0.00	0.00	0.00	0.00	0.00	0.00	79.42	0.00	0.00	0.00	0.00
ENSMUSG00000021903	Galnt15	96.25	117.14	0.00	0.00	0.00	76.19	44.04	43.65	0.00	0.00	99.28	26.28	153.02	20.88	484.15	242.24	161.90	50.09	0.00	55.30	126.01	0.00	0.00	106.06	50.34
ENSMUSG00000021904	Sema3g	16.82	0.00	10.43	0.00	0.00	52.54	0.00	20.04	39.62	54.98	378.81	242.73	199.38	109.62	199.69	217.73	201.33	90.37	138.50	380.26	98.52	26.23	78.32	55.55	74.95
ENSMUSG00000021922	Itih4	123.35	0.00	0.00	27.61	0.00	0.00	0.00	0.00	0.00	87.22	787.40	788.50	976.05	934.40	607.70	918.99	715.04	486.71	189.09	1016.58	582.70	527.21	614.38	440.65	128.65
ENSMUSG00000021940	Ptpn20	16.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.38	134.47	70.47	0.00	0.00	56.04	65.33	0.00	58.70	142.05	81.24	0.00	47.98	0.00
ENSMUSG00000021944	Gata4	175.69	0.00	0.00	32.44	0.00	0.00	31.97	0.00	0.00	0.00	1066.17	1273.97	855.49	1184.97	2080.27	1585.37	516.82	708.83	395.04	799.66	786.61	533.13	573.48	321.96	365.81
ENSMUSG00000021950	Anxa8	1297.08	1288.57	912.94	505.99	536.49	814.43	621.59	1418.22	1631.61	2925.56	506.35	508.66	433.54	307.99	570.35	1253.60	1247.43	684.88	1034.56	1210.54	1641.96	1757.63	1507.22	2935.53	1929.72
ENSMUSG00000021966	Prss52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	146.64	23.19	9.27	46.98	0.00	126.30	0.00	0.00	93.94	0.00	54.22	0.00	0.00	0.00	0.00
ENSMUSG00000021983	Atp8a2	59.81	0.00	19.38	116.66	63.22	0.00	80.27	118.07	275.04	0.00	171.08	54.11	220.25	187.92	433.87	241.29	472.20	145.90	116.82	190.56	148.16	46.54	132.27	291.66	112.99
ENSMUSG00000021986	Amer2	103.73	56.96	0.00	0.00	98.21	0.00	28.42	0.00	162.00	0.00	30.55	108.23	136.79	54.81	214.06	180.97	128.69	78.40	238.47	210.97	0.00	66.01	0.00	3.79	20.14
ENSMUSG00000021991	Cacna2d3	116.81	0.00	0.00	0.00	0.00	0.00	29.84	0.00	0.00	0.00	150.45	148.42	220.25	52.20	66.09	148.92	121.42	44.64	150.55	203.32	93.17	224.25	46.99	0.00	39.15
ENSMUSG00000021994	Wnt5a	99.06	171.95	187.80	163.60	240.62	368.46	237.27	339.89	775.01	285.35	290.98	51.02	106.65	297.55	211.19	229.04	132.84	87.11	168.61	192.26	183.29	448.51	160.99	138.89	309.87
ENSMUSG00000021999	Cpb2	44.86	0.00	0.00	0.00	0.00	78.16	0.00	0.00	58.27	0.00	54.22	45.61	34.78	65.25	0.00	21.68	58.12	210.15	148.14	45.94	110.74	0.00	99.21	18.94	33.56
ENSMUSG00000022015	Tnfsf11	96.25	0.00	55.15	80.77	0.00	42.04	124.32	7.87	57.11	18.96	213.08	0.00	53.32	0.00	0.00	68.81	85.10	0.00	0.00	141.22	42.77	90.55	101.82	138.89	114.10
ENSMUSG00000022025	Cnmd	865.34	1312.21	517.21	379.66	273.15	24.30	0.00	386.40	120.04	98.59	974.52	1324.99	711.75	1070.13	1996.95	1551.44	1085.53	1102.99	1529.56	1477.66	698.79	456.12	1463.71	845.94	542.56
ENSMUSG00000022039	Adam2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.63	0.00	0.00	0.00	19.33	0.00	0.00	0.00	81.06	28.02	0.00	0.00	51.89	17.57	9.31	0.00	0.00	0.00
ENSMUSG00000022044	Stmn4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.97	4.64	130.50	30.17	22.62	0.00	0.00	14.45	22.12	16.80	0.00	0.00	10.10	0.00
ENSMUSG00000022054	Nefm	1477.44	1653.97	707.99	423.15	209.32	577.98	533.50	598.92	132.86	310.95	1234.95	1764.85	1124.43	1231.95	2002.69	2371.46	1507.92	959.27	708.17	915.35	994.34	679.53	1136.51	1474.71	884.87
ENSMUSG00000022055	Nefl	127.09	119.29	0.00	0.00	0.00	0.00	0.00	45.80	0.00	0.00	832.46	354.83	505.41	169.65	994.16	834.16	347.66	484.53	197.52	533.39	0.00	234.41	148.81	130.05	81.66
ENSMUSG00000022056	Adam7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.90	0.00	0.00	67.97	45.61	62.60	15.66	242.79	283.71	172.27	80.57	144.53	108.89	32.84	0.00	59.18	39.14	88.38
ENSMUSG00000022057	Adamdec1	162.60	127.89	152.03	73.86	170.03	174.05	183.28	218.96	179.48	113.76	332.99	566.64	408.04	344.53	699.65	738.02	206.52	350.61	107.19	347.94	429.96	467.12	430.76	213.38	436.28
ENSMUSG00000022097	Sftpc	14.02	1.07	0.00	89.05	17.19	0.00	0.00	0.00	0.00	58.78	21.38	242.73	197.06	78.30	152.29	121.59	415.12	68.60	142.12	297.74	160.38	137.09	217.56	148.99	175.63
ENSMUSG00000022126	Acod1	139.24	0.00	0.00	0.00	0.00	0.00	0.00	19.32	0.00	0.00	233.70	171.61	148.38	172.26	179.58	156.46	243.88	204.70	295.07	203.32	436.84	407.89	39.16	171.71	115.22
ENSMUSG00000022129	Dct	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.66	124.46	194.75	80.91	80.45	77.29	114.16	70.77	118.03	61.25	0.00	68.55	127.92	128.78	125.29
ENSMUSG00000022149	C9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107.69	18.55	6.96	15.66	0.00	7.54	37.36	0.00	0.00	41.68	0.00	15.23	0.00	93.43	0.00
ENSMUSG00000022155	Mroh2b	0.00	0.00	0.00	0.00	0.00	0.00	31.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000022156	Gzme	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.53	26.28	0.00	0.00	0.00	30.16	0.00	0.00	0.00	45.09	35.13	0.00	0.00	0.00	0.00
ENSMUSG00000022157	Mcpt8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.73	71.89	0.00	5.22	0.00	0.00	0.00	40.29	50.58	47.64	0.00	0.85	100.95	0.00	33.56
ENSMUSG00000022208	Jph4	133.63	0.00	0.00	15.19	25.17	14.45	24.86	0.00	30.30	0.00	713.32	616.11	653.79	441.10	386.46	1013.24	699.47	485.62	941.82	650.78	226.06	143.01	194.06	291.66	213.67
ENSMUSG00000022212	Cpne6	82.24	0.00	0.00	4.14	37.44	24.96	0.00	0.00	0.00	0.00	1045.54	695.74	542.51	769.97	1455.33	566.47	594.66	448.60	305.91	703.53	386.43	349.50	271.51	214.64	280.79
ENSMUSG00000022225	Cma1	21.49	0.00	0.00	0.00	0.00	0.00	0.00	13.60	0.00	0.00	329.17	191.71	213.29	396.73	1531.47	730.48	249.07	109.97	376.97	306.25	184.82	367.27	433.37	93.43	347.91
ENSMUSG00000022226	Mcpt2	162.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	432.27	281.39	382.54	99.18	1272.87	417.55	351.81	186.19	603.39	639.73	343.67	209.02	533.45	511.35	519.07
ENSMUSG00000022229	Atp12a	165.41	0.00	40.24	0.00	27.01	0.00	0.00	31.48	0.00	0.00	525.45	490.88	454.41	840.44	578.97	300.67	519.93	328.83	439.60	792.85	584.23	423.96	363.75	316.91	170.04
ENSMUSG00000022243	Slc45a2	39.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	398.67	207.95	359.35	302.77	0.00	362.88	111.04	26.13	167.41	108.89	90.12	106.63	40.03	53.03	54.82
ENSMUSG00000022249	Ttc23l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.56	20.87	0.00	0.00	60.32	10.38	22.87	0.00	58.70	60.33	97.32	0.00	0.00	0.00
ENSMUSG00000022269	Mar-11	16.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123.72	136.83	2.32	13.05	90.51	18.85	25.94	55.53	98.76	22.12	0.00	0.00	50.47	0.00	0.00
ENSMUSG00000022296	Baalc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000022303	Dcstamp	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.70	134.47	65.25	0.00	98.97	35.29	0.00	68.65	67.21	0.00	0.00	42.64	0.00	0.00
ENSMUSG00000022304	Dpys	0.00	97.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.75	109.77	134.47	88.74	0.00	216.79	26.98	21.78	87.92	110.59	46.59	73.62	0.00	0.00	0.00
ENSMUSG00000022306	Zfpm2	0.00	0.00	73.04	51.08	23.33	122.82	166.23	52.95	272.71	446.51	90.88	44.84	9.27	31.32	0.00	0.00	0.00	66.42	0.00	11.91	0.00	0.00	0.00	29.04	57.05
ENSMUSG00000022311	Csmd3	12.15	0.00	0.00	0.00	0.00	28.90	0.00	0.00	0.00	0.00	365.06	44.84	4.64	190.53	400.83	71.63	7.26	70.77	0.00	122.50	79.42	0.00	88.76	0.00	95.09
ENSMUSG00000022321	Cdh10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.94	122.91	162.29	83.52	0.00	65.04	33.21	39.20	0.00	24.67	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000022342	Kcnv1	6.54	0.00	0.00	0.00	0.00	0.00	0.00	20.04	0.00	0.00	0.00	0.00	4.64	49.59	0.00	25.45	57.08	38.11	130.07	20.42	33.60	0.00	0.00	0.00	0.00
ENSMUSG00000022375	Lrrc6	45.79	0.00	0.00	0.00	0.00	0.00	0.00	25.04	0.00	0.00	99.28	0.00	104.33	78.30	0.00	159.29	270.86	5.44	0.00	136.96	54.22	0.00	52.21	53.03	0.00
ENSMUSG00000022382	Wnt7b	170.08	327.78	254.88	205.02	41.13	712.63	419.13	687.65	916.03	602.93	510.93	286.02	166.93	221.86	205.44	597.58	472.20	378.92	620.25	467.03	1205.88	1000.25	808.44	665.39	1107.49
ENSMUSG00000022383	Ppara	0.00	0.00	11.92	0.00	224.66	82.76	0.00	155.99	86.24	0.00	45.06	78.85	48.69	52.20	0.00	0.00	71.61	38.11	162.59	39.98	0.00	42.31	136.62	39.14	137.60
ENSMUSG00000022388	Ttll8	45.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	156.56	56.43	92.74	67.86	0.00	80.12	134.91	41.38	0.00	145.47	64.91	182.79	35.68	101.01	0.00
ENSMUSG00000022431	Ribc2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.88	0.00	0.00	0.00	23.19	0.00	20.88	0.00	65.98	0.00	0.00	0.00	53.59	0.00	0.00	0.00	0.00	42.51
ENSMUSG00000022432	Smc1b	30.84	174.10	0.00	37.28	60.16	143.84	102.30	82.29	26.81	0.00	194.75	69.57	71.87	344.53	0.00	213.96	96.51	71.86	0.00	119.10	104.63	0.00	0.00	45.45	0.00
ENSMUSG00000022435	Upk3a	128.96	0.00	0.00	0.00	0.00	0.00	0.00	27.91	25.64	0.00	429.98	455.32	702.48	503.74	715.45	290.31	193.03	399.60	566.06	474.69	1053.91	498.43	644.83	439.38	592.90
ENSMUSG00000022441	Efcab6	123.35	119.29	0.00	0.00	0.00	25.62	15.63	0.00	0.00	0.00	16.80	219.54	278.21	104.40	461.17	240.35	328.98	255.88	122.85	307.10	0.00	119.32	268.90	35.35	223.74
ENSMUSG00000022445	Cyp2d26	52.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.23	18.27	133.61	0.00	120.38	90.37	0.00	84.22	52.70	0.00	65.27	25.25	23.49
ENSMUSG00000022449	Adamts20	325.21	126.82	204.20	135.99	709.59	378.97	390.71	358.49	579.22	182.97	342.91	152.29	44.05	73.08	0.00	147.98	167.08	132.84	216.79	56.15	54.22	126.94	176.66	292.92	0.00
ENSMUSG00000022454	Nell2	460.71	750.14	708.74	768.30	598.48	945.13	811.97	1064.03	1058.22	711.01	9.16	117.50	234.16	78.30	0.00	249.78	423.42	150.26	331.20	117.40	140.52	185.33	361.14	398.98	271.84
ENSMUSG00000022456	Sep-03	0.00	0.00	0.00	0.00	21.48	0.00	0.00	12.16	0.00	0.00	135.18	95.08	57.96	247.96	281.58	109.34	327.94	44.64	156.57	224.58	83.24	0.00	0.00	164.14	26.85
ENSMUSG00000022468	Endou	399.96	82.75	169.17	140.82	113.56	340.88	468.86	193.91	247.07	208.56	263.49	112.86	159.97	428.05	530.12	316.70	443.14	267.85	256.53	361.55	639.98	198.87	388.12	532.81	469.84
ENSMUSG00000022483	Col2a1	712.09	226.76	366.67	294.07	448.71	669.93	808.42	524.50	1023.25	1123.39	3022.07	1696.82	1500.01	1626.07	2024.24	2604.27	1733.12	1112.79	1366.97	1790.72	1155.48	655.83	1125.20	963.36	1049.32
ENSMUSG00000022484	Hoxc10	45.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.64	83.46	109.62	212.62	78.23	206.52	55.53	93.94	136.96	47.35	33.00	12.18	31.56	0.00
ENSMUSG00000022487	Gtsf1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.59	37.11	62.60	83.52	0.00	0.00	0.00	0.00	32.52	23.82	0.00	0.00	67.01	0.00	0.00
ENSMUSG00000022501	Prm1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.87	83.49	18.55	18.27	234.17	22.62	35.29	45.73	216.79	100.38	0.00	26.23	0.00	17.68	110.75
ENSMUSG00000022518	4930562C1	57.94	0.00	29.07	14.50	0.61	41.38	0.00	3.58	0.00	0.00	50.41	118.28	11.59	33.93	270.09	15.08	22.83	62.06	225.22	88.47	34.37	0.00	58.30	132.57	0.00
ENSMUSG00000022525	Hrasls	60.74	0.00	0.00	0.00	0.00	0.00	0.00	23.61	0.00	0.00	21.38	0.00	23.18	0.00	173.83	22.62	66.42	108.88	0.00	34.03	0.00	0.00	0.00	22.73	59.29
ENSMUSG00000022534	Mefv	15.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.74	17.78	90.42	18.27	150.85	144.21	11.42	38.11	0.00	106.34	54.22	0.00	0.00	0.00	0.00
ENSMUSG00000022537	Tmem44	131.76	0.00	223.58	198.12	172.49	103.12	172.62	121.64	361.29	94.80	75.61	26.28	69.55	15.66	0.00	182.86	48.78	169.86	0.00	119.95	203.91	117.63	0.00	251.26	120.82
ENSMUSG00000022542	Sep-12	100.93	194.52	22.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	447.55	590.60	656.11	461.98	1277.18	417.55	89.25	347.34	343.25	331.77	151.98	253.87	127.05	106.06	95.09
ENSMUSG00000022543	4930451G(	295.30	51.59	28.32	62.82	104.96	38.09	0.00	25.04	157.33	32.23	93.17	52.57	224.89	368.02	354.85	150.81	302.00	129.57	156.57	160.78	51.93	0.00	41.77	30.30	0.00
ENSMUSG00000022580	Rhpn1	63.55	0.00	152.78	55.22	106.19	77.50	0.00	40.07	102.56	49.30	313.89	229.59	301.39	117.45	0.00	499.55	421.34	370.20	251.71	376.86	294.79	359.65	556.94	131.31	155.50
ENSMUSG00000022589	Cyp11b2	45.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.67	100.50	95.05	49.59	0.00	323.30	78.87	74.04	0.00	1.70	131.36	0.00	71.36	59.34	76.07
ENSMUSG00000022595	Lypd2	292.50	73.08	0.00	0.00	0.00	59.11	0.00	0.00	0.00	35.08	719.43	328.54	496.14	493.30	1078.93	543.85	1110.44	859.09	1242.92	803.06	953.86	1623.93	1424.55	818.16	718.19
ENSMUSG00000022596	Slurp1	134.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	305.49	109.00	132.15	174.87	373.53	495.78	195.11	544.42	146.93	409.19	394.83	128.63	301.10	452.01	364.69
ENSMUSG00000022598	Psca	916.74	0.00	35.03	0.00	0.00	61.74	0.00	40.79	0.00	0.00	1508.36	1235.32	1142.98	1015.31	3004.04	1850.23	1463.29	1304.43	1766.82	1265.84	1224.98	1555.38	1681.27	1137.60	1245.09
ENSMUSG00000022603	Mroh4	270.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1069.22	675.64	651.47	1083.18	1267.13	1001.93	673.53	1006.09	585.33	663.54	503.28	571.21	251.49	186.86	46.98
ENSMUSG00000022650	Retnlb	48.59	0.00	42.48	0.00	0.00	29.56	0.00	0.00	0.00	0.00	214.61	136.06	424.27	122.67	212.62	309.16	92.36	79.49	143.32	67.21	85.53	0.00	217.56	23.99	0.00
ENSMUSG00000022657	Cd96	152.32	0.00	0.00	23.47	39.29	57.14	133.55	0.00	51.28	0.00	98.52	29.38	23.18	0.00	0.00	242.24	117.27	32.67	67.45	125.90	66.44	109.16	184.49	73.23	59.29
ENSMUSG00000022683	Pla2g10	8.41	102.10	0.00	6.90	0.00	0.00	0.00	0.00	0.00	0.00	278.00	119.82	236.48	0.00	0.00	48.07	0.00	82.75	57.81	96.13	223.00	63.47	26.11	84.59	0.00
ENSMUSG00000022696	Sidt1	49.53	78.45	11.18	43.49	15.96	38.75	67.49	51.52	0.00	20.86	102.34	58.75	0.00	20.88	386.46	182.86	229.35	190.55	134.89	280.73	232.16	89.70	330.68	380.04	246.11
ENSMUSG00000022715	Tmem114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.42	19.33	85.78	26.10	0.00	100.85	37.36	47.91	0.00	69.76	42.00	89.70	174.04	16.41	0.00
ENSMUSG00000022762	Ncam2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.46	0.00	0.00	67.21	50.25	30.14	73.08	0.00	24.51	80.95	90.37	80.69	62.95	53.46	0.00	0.00	37.88	0.00
ENSMUSG00000022766	Serpind1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	224.54	94.31	122.88	242.74	0.00	279.94	48.78	249.34	156.57	259.46	116.08	0.00	9.57	36.62	0.00
ENSMUSG00000022790	Igsf11	19.62	83.83	0.00	0.00	0.00	0.00	0.00	4.29	0.00	24.65	255.85	136.06	23.18	13.05	89.07	162.12	101.70	77.31	68.65	70.61	0.00	92.24	53.08	85.86	69.36
ENSMUSG00000022824	Muc13	520.51	0.00	0.00	46.94	70.59	153.03	23.44	29.34	0.00	119.45	1323.54	544.22	352.40	446.32	2060.16	1289.41	1329.41	1226.03	1350.11	1587.40	2146.76	1923.49	1267.91	2156.51	3008.12
ENSMUSG00000022860	Chodl	113.07	0.00	35.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	321.53	268.24	426.59	407.17	0.00	536.31	117.27	178.57	71.06	106.34	96.23	46.54	100.08	85.86	0.00
ENSMUSG00000022861	Dgkg	19.62	0.00	0.00	30.37	0.00	51.23	39.07	0.00	0.00	0.00	187.88	81.94	90.42	28.71	156.60	292.19	134.91	93.64	169.82	141.22	36.66	100.70	82.67	53.03	105.16
ENSMUSG00000022868	Ahsg	48.59	146.16	0.00	0.00	0.00	0.00	63.93	0.00	0.00	0.00	54.99	93.54	11.59	20.88	158.03	0.00	62.27	106.71	0.00	132.71	183.29	0.00	0.00	0.00	53.70
ENSMUSG00000022875	Kng1	163.54	0.00	0.00	0.00	0.00	0.00	0.00	15.03	83.91	0.00	392.56	497.06	660.75	373.24	656.55	519.35	551.07	417.02	336.02	556.36	402.47	455.28	125.31	136.36	439.64
ENSMUSG00000022877	Hrg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.28	13.91	0.00	0.00	93.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000022887	Masp1	128.96	0.00	0.00	33.82	0.00	33.50	0.00	45.80	0.00	70.15	168.02	146.88	9.27	86.13	97.69	208.30	344.55	223.21	93.94	221.18	0.00	0.00	0.00	128.78	35.80
ENSMUSG00000022935	Grik1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.58	0.00	25.97	17.78	0.00	0.00	165.21	36.76	36.32	33.75	0.00	0.00	0.00	0.00	100.08	0.00	0.00
ENSMUSG00000022949	Clic6	219.61	69.86	25.34	125.63	15.35	8.54	76.01	102.32	38.46	0.00	20.62	0.77	102.01	164.43	0.00	188.51	266.71	278.74	68.65	215.23	297.84	593.21	12.18	199.49	331.13
ENSMUSG00000022991	Lalba	0.00	96.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.31	0.00	0.00	0.00
ENSMUSG00000022993	4930415O2	33.64	0.00	0.00	0.00	0.00	0.00	0.00	2.15	0.00	0.00	89.36	32.47	11.59	0.00	0.00	12.25	5.19	0.00	0.00	51.89	222.24	210.71	74.84	0.00	64.88
ENSMUSG00000023013	Aqp2	19.62	0.00	11.92	0.00	4.91	0.00	68.91	0.00	0.00	0.00	29.02	13.14	11.59	26.10	0.00	0.00	0.00	33.75	1.20	39.98	0.00	59.24	46.99	0.00	79.43
ENSMUSG00000023017	Asic1	512.10	212.79	183.33	298.90	210.54	84.73	146.34	143.83	66.43	248.38	555.99	507.11	428.91	584.65	179.58	475.99	302.00	552.04	144.53	334.32	330.68	412.96	315.02	334.59	296.45
ENSMUSG00000023047	Amhr2	43.92	0.00	0.00	67.65	0.00	30.21	0.00	0.00	0.00	0.00	144.34	159.25	257.34	198.36	191.07	122.53	247.00	380.00	124.05	159.08	100.81	0.00	209.72	226.00	95.09
ENSMUSG00000023057	Fabp2	151.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	320.77	346.32	345.44	214.03	204.00	322.35	344.55	366.94	160.18	165.04	463.57	269.10	438.59	143.94	164.45

ENSMUSG00000023070	Rgn	0.00	0.00	0.00	0.00	7.37	26.93	0.00	46.51	222.60	0.00	187.11	166.98	90.42	93.96	362.04	172.49	59.15	140.46	96.35	195.66	0.00	0.00	184.49	18.94	51.46
ENSMUSG00000023073	Slc10a2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.95	78.83	0.00	0.00	72.58	147.37	0.00	0.00	0.00	0.00	2.54	0.00	0.00	0.00
ENSMUSG00000023078	Cxcl13	429.87	439.55	92.41	56.60	73.05	51.89	88.80	111.63	0.00	0.00	1645.84	2309.07	2323.05	1320.69	4118.88	2790.90	1505.84	1095.37	2124.52	1623.98	1279.96	1243.12	1088.65	916.64	995.62
ENSMUSG00000023132	Gzma	68.22	0.00	0.00	0.00	0.00	30.87	0.00	0.00	0.00	0.00	54.22	75.76	27.82	10.44	455.42	56.55	34.25	0.00	0.00	107.19	57.28	99.01	57.43	18.94	0.00
ENSMUSG00000023140	Reg2	10.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.38	57.20	294.44	15.66	221.24	0.00	83.02	15.24	0.00	15.31	25.97	62.62	0.00	26.51	0.00
ENSMUSG00000023176	Cpn2	29.90	0.00	0.00	0.00	0.00	18.39	0.00	0.00	0.00	0.00	0.00	45.61	46.37	0.00	0.00	0.00	39.44	0.00	0.00	110.59	23.67	0.00	0.00	2.53	95.09
ENSMUSG00000023192	Grm2	100.93	0.00	23.10	14.50	0.00	0.00	0.00	0.00	0.00	0.00	573.56	320.04	591.19	321.04	278.71	262.03	340.40	308.14	550.40	324.97	305.48	34.70	299.36	69.44	146.55
ENSMUSG00000023210	Lcn9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.51	74.98	11.59	15.66	0.00	41.47	24.91	0.00	0.00	28.92	0.00	0.00	47.86	0.00	0.00
ENSMUSG00000023247	Guca2a	45.79	0.00	0.00	0.00	0.00	0.00	0.00	5.72	0.00	0.00	135.94	32.47	0.00	0.00	0.00	0.00	48.78	70.77	54.20	0.00	0.00	49.93	87.02	53.03	114.10
ENSMUSG00000023257	Cypt1	40.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000023263	9530002B(	28.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.23	0.00	0.00	214.06	25.45	25.94	0.00	0.00	46.79	96.23	0.00	0.00	12.63	0.00
ENSMUSG00000023333	Gcm1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.66	0.00	0.00	0.00	85.03	55.64	15.66	1.44	82.00	67.46	49.00	32.52	15.31	37.42	0.00	71.36	26.51	0.00
ENSMUSG00000023336	Wfdc1	59.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.31	98.95	173.88	130.50	609.14	131.01	139.06	38.11	207.15	107.19	185.58	0.00	0.00	22.73	147.67
ENSMUSG00000023349	Clec4n	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.00	0.00	51.79	15.31	0.00	55.85	85.28	5.05	0.00
ENSMUSG00000023391	Dlx2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.01	128.32	20.87	156.60	324.68	40.53	154.63	10.89	0.00	108.04	0.00	38.93	0.00	0.00	0.00
ENSMUSG00000023393	Slc17a9	84.10	0.00	0.00	0.00	8.59	18.39	0.00	8.59	0.00	0.00	269.60	244.28	115.92	46.98	0.00	65.04	260.49	75.13	130.07	129.31	168.01	71.93	20.02	131.31	61.53
ENSMUSG00000023443	Esx1	0.00	0.00	0.00	0.00	0.00	29.56	0.00	0.00	0.00	0.00	0.00	16.23	148.38	7.83	188.20	98.97	52.93	0.00	96.35	20.42	0.00	66.01	0.00	0.00	26.85
ENSMUSG00000023484	Prph	767.22	331.01	0.00	0.00	0.00	26.93	0.00	0.00	0.00	73.00	1849.75	1957.34	1836.18	1827.04	3220.97	2698.53	1967.66	1616.92	2112.48	1874.09	693.44	1276.97	98.34	864.88	994.50
ENSMUSG00000023829	Slc22a1	34.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	330.69	327.77	185.47	266.23	1031.52	449.60	161.90	164.41	169.82	158.23	90.88	81.24	50.47	103.53	64.88
ENSMUSG00000023926	Rhag	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.22	123.69	88.10	54.81	443.93	333.66	73.68	80.57	18.07	127.60	148.16	0.00	0.00	44.19	70.48
ENSMUSG00000023930	Crisp2	19.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.42	0.00	0.00	0.00	0.00	0.00	26.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000023943	Sult1c1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	149.69	107.45	0.00	174.87	0.00	155.52	138.03	51.18	91.53	134.41	79.42	89.70	91.37	178.03	0.00
ENSMUSG00000023964	Calcr	166.34	88.13	0.00	31.75	0.00	0.00	0.00	0.00	0.00	0.00	459.76	1248.46	966.78	626.41	491.33	1185.73	378.79	602.13	1015.29	560.61	378.03	418.89	449.90	127.52	186.82
ENSMUSG00000023978	Prph2	14.02	26.87	0.00	20.71	0.00	0.00	39.07	0.00	0.00	0.00	246.68	99.72	104.33	198.36	0.00	121.59	263.60	107.79	30.11	74.01	73.32	151.48	85.28	30.30	176.75
ENSMUSG00000023982	Guca1a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.75	0.00	0.00	25.97	85.03	9.27	73.08	0.00	0.00	0.00	0.00	0.00	0.00	53.46	35.54	76.58	0.00	0.00
ENSMUSG00000023987	Pgc	732.65	218.16	0.00	0.00	0.00	168.80	36.94	0.00	0.00	0.00	3158.02	4145.04	2983.79	3852.45	7243.60	3283.85	2297.68	1742.14	3059.12	2955.33	1766.44	1782.17	2391.37	1431.78	1089.59
ENSMUSG00000023992	Trem2	0.00	0.00	111.79	35.21	109.26	144.50	188.96	201.07	0.00	200.03	97.76	0.00	0.00	54.81	0.00	34.87	0.00	0.00	0.00	37.43	171.07	322.42	195.80	0.00	0.00
ENSMUSG00000023993	Treml1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.65	0.00	0.00	0.00	77.30	0.00	57.42	66.09	69.75	14.53	23.95	0.00	16.16	0.00	88.01	0.00	0.00	0.00
ENSMUSG00000023995	Tspo2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.87	4.64	33.93	0.00	20.74	0.00	0.00	0.00	0.00	142.81	76.16	0.00	0.00	0.00
ENSMUSG00000024008	Cpne5	103.73	49.44	64.84	15.88	0.00	29.56	0.00	22.18	0.00	91.96	619.38	412.03	540.19	441.10	1208.22	553.28	441.06	301.61	228.83	376.86	403.23	671.91	246.27	60.60	310.99
ENSMUSG00000024011	Pi16	182.23	0.00	0.00	0.00	0.00	30.87	62.51	60.11	148.01	32.23	174.89	316.17	201.70	443.71	0.00	169.66	323.79	157.88	291.46	356.44	312.35	193.79	102.69	310.60	62.65
ENSMUSG00000024028	Tff2	55.14	0.00	0.00	43.49	0.00	0.00	50.44	37.21	0.00	0.00	381.10	347.09	57.96	258.40	897.91	334.61	593.62	357.14	75.88	518.93	605.61	298.72	668.33	400.24	166.68
ENSMUSG00000024029	Tff3	348.57	294.47	50.68	0.00	6.75	40.06	26.28	17.89	0.00	0.00	1494.62	819.42	860.13	707.33	1702.43	999.11	739.95	695.77	2249.78	1083.79	956.15	1277.82	1585.54	338.38	665.61
ENSMUSG00000024039	Cbs	40.18	0.00	12.67	0.00	0.00	0.00	89.51	31.48	0.00	0.00	167.26	167.75	146.06	104.40	251.41	265.80	132.84	172.04	563.65	306.25	75.61	176.86	223.65	132.57	43.63
ENSMUSG00000024041	Cryaa	127.09	91.35	55.15	0.00	0.00	56.48	0.00	22.18	0.00	0.00	1500.73	1473.41	834.63	1182.36	883.54	1219.66	205.48	552.04	826.20	621.01	801.89	957.09	771.89	295.45	182.34
ENSMUSG00000024076	Vit	70.09	0.00	23.10	19.33	16.57	213.46	0.00	144.54	212.11	338.44	85.54	0.00	9.27	0.00	0.00	80.12	0.00	67.51	0.00	14.46	90.88	0.00	74.84	170.45	88.38
ENSMUSG00000024105	Themis3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.47	0.00	0.00	29.79	0.00	0.00	0.00	0.00	0.94	120.38	25.04	0.00	0.00	0.00	0.00	174.04	98.48	50.34
ENSMUSG00000024107	Lhcgr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.03	35.56	55.64	0.00	0.00	108.39	34.25	40.29	0.00	23.82	56.51	0.00	0.00	0.00	0.00
ENSMUSG00000024116	Prss21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.69	2.61	57.47	117.82	52.93	37.02	130.07	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000024125	Sbpl	232.69	102.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	736.23	486.24	600.47	198.36	2459.55	932.18	1263.00	926.60	950.25	1594.21	752.24	1177.11	1110.40	753.77	519.07
ENSMUSG00000024128	Sbp	257.92	53.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	355.13	233.46	95.05	378.46	675.23	310.10	386.06	372.38	686.49	500.21	109.21	254.72	29.59	226.00	280.79
ENSMUSG00000024154	Gtf2a1l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.51	32.46	0.00	0.00	0.00	7.26	0.00	0.00	0.00	0.00	0.00	0.00	11.36	0.00
ENSMUSG00000024175	Tekt4	14.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	224.54	73.44	74.19	86.13	143.67	275.23	160.86	235.19	358.90	197.36	54.99	0.00	221.91	54.29	198.01
ENSMUSG00000024207	Acsbg2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.69	0.00	297.55	0.00	20.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000024211	Grm8	90.65	98.87	48.44	253.34	124.61	174.05	0.00	109.48	209.78	0.00	40.48	61.84	53.32	36.54	58.90	16.97	201.33	26.13	59.01	111.44	122.19	152.32	0.00	70.71	166.68
ENSMUSG00000024215	Spdef	0.00	1.07	0.00	33.82	85.32	135.30	0.00	14.31	37.29	159.27	134.42	186.30	361.67	365.41	790.16	141.38	125.57	167.68	121.64	220.33	276.46	419.73	245.40	299.23	336.72
ENSMUSG00000024225	Clps	99.06	0.00	0.00	15.88	0.00	0.00	0.00	0.00	0.00	0.00	16.80	200.99	229.52	266.23	212.62	312.93	233.50	201.43	54.20	304.55	103.86	52.47	20.89	56.82	156.61
ENSMUSG00000024227	Pdzph1	27.10	0.00	0.00	0.00	0.00	36.12	0.00	0.00	0.00	0.00	112.27	22.42	104.33	33.93	655.11	130.07	67.46	75.13	15.66	119.10	60.33	0.00	0.00	0.00	40.27
ENSMUSG00000024261	Syt4	32.71	44.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176.42	337.82	51.01	253.18	926.64	82.00	308.22	217.77	181.86	111.44	122.19	286.87	70.49	18.94	0.00
ENSMUSG00000024266	Adad2	66.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	281.82	115.96	115.92	117.45	0.00	65.98	98.59	0.00	0.00	87.62	122.19	71.08	52.21	44.19	104.04
ENSMUSG00000024292	Cyp4f14	91.58	0.00	27.57	0.00	0.00	34.15	17.05	0.00	0.00	0.00	425.40	269.02	503.09	122.67	254.29	160.23	193.03	296.16	514.27	291.79	126.01	279.26	293.26	69.44	281.91
ENSMUSG00000024330	Col11a2	444.82	343.91	381.57	375.52	676.44	625.27	330.33	730.58	448.69	431.34	1404.50	627.71	813.76	623.80	971.18	1066.97	946.47	492.15	627.48	626.11	523.90	577.13	582.18	338.38	402.72
ENSMUSG00000024347	Psd2	317.73	146.16	0.00	11.74	123.38	24.30	0.00	8.59	104.89	0.00	1713.81	826.38	1381.77	1211.07	1817.36	936.90	1615.85	890.67	1240.51	1685.23	712.53	820.85	544.76	511.35	1058.27
ENSMUSG00000024352	Spata24	110.27	91.35	198.98	67.65	207.47	143.18	95.19	118.78	54.78	125.14	81.72	103.59	204.02	86.13	0.00	0.00	56.04	52.26	4.82	19.57	100.81	360.50	91.37	106.06	79.43
ENSMUSG00000024365	Cyp21a1	54.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.69	18.55	2.61	0.00	80.12	26.98	0.00	59.01	88.47	34.37	71.93	70.49	0.00	0.00
ENSMUSG00000024386	Proc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.05	6.96	0.00	0.00	94.26	34.25	50.09	0.00	42.53	0.00	0.00	56.56	0.00	0.00
ENSMUSG00000024388	Myo7b	369.13	0.00	46.95	74.55	51.56	0.00	0.00	0.00	0.00	0.00	1192.18	776.13	966.78	529.84	554.55	836.04	959.96	472.56	761.17	923.01	664.42	422.27	433.37	521.45	567.17
ENSMUSG00000024451	Arap3	268.20	34.39	61.86	0.00	58.93	51.23	176.89	45.08	0.00	112.81	455.95	229.59	134.47	161.82	179.58	186.63	184.73	250.43	180.66	307.10	197.80	165.86	321.11	65.65	239.40
ENSMUSG00000024485	Slc4a9	433.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.71	455.95	372.61	405.72	522.01	0.00	968.00	687.02	532.44	332.41	950.23	604.85	695.61	191.45	885.08	313.23
ENSMUSG00000024500	Ppp2r2b	0.00	0.00	160.23	63.51	163.28	107.71	260.71	163.86	26.81	590.61	85.54	160.02	0.00	156.60	0.00	180.97	218.97	141.55	0.00	108.04	176.41	141.32	59.18	83.33	16.78
ENSMUSG00000024502	Jakmip2	41.12	0.00	20.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	320.77	131.42	60.28	88.74	597.65	64.09	64.34	193.81	161.39	30.63	75.61	7.62	0.00	49.24	95.09
ENSMUSG00000024512	Dynap	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.94	0.00	0.00	0.00	149.41	30.16	0.00	0.00	0.00	28.92	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000024517	Grp	1051.31	393.34	386.79	400.37	326.56	238.42	317.54	132.38	137.52	304.31	785.88	791.59	813.76	709.94	574.66	1446.82	1431.12	1130.21	1509.08	1360.27	1027.18	451.04	1080.82	705.79	1650.05
ENSMUSG00000024518	Rax	34.58	130.04	0.00	0.00	0.00	0.00	0.00	7.87	0.00	0.00	66.44	67.25	122.88	7.83	173.83	140.44	42.55	53.35	160.18	34.88	0.00	0.00	0.00	25.25	0.00
ENSMUSG00000024519	Cplx4	0.00	0.00	0.00	0.00	0.00	36.12	0.00	0.00	0.00	0.00	0.00	33.24	0.00	7.83	0.00	55.61	50.85	0.00	0.00	31.48	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000024526	Cidea	10.28	0.00	74.53	26.23	0.00	108.37	112.95	49.37	227.26	359.30	155.80	64.94	120.56	52.20	94.82	173.43	30.10	79.49	0.00	51.89	61.10	78.70	49.60	70.71	42.51
ENSMUSG00000024552	Slc14a2	40.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	242.87	364.87	95.05	245.35	320.37	199.82	131.80	75.13	402.26	264.57	52.70	172.63	65.27	69.44	92.85
ENSMUSG00000024565	Sall3	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.62	37.11	64.92	52.20	0.00	10.37	0.00	41.38	149.34	11.06	65.68	0.00	0.00	12.63	0.00
ENSMUSG00000024575	Pde6a	43.92	0.00	0.00	0.00	0.00	0.00	48.31	0.00	0.00	0.00	0.00	22.42	95.05	33.93	0.00	0.00	28.02	0.00	0.00	41.68	0.00	110.86	0.00	0.00	0.00
ENSMUSG00000024578	Il17b	31.77	0.00	0.00	0.00	0.00	0.00	0.00	2.86	0.00	0.00	91.65	158.47	250.39	107.01	534.43	47.13	44.63	82.75	0.00	188.86	145.87	100.70	195.80	93.43	211.43
ENSMUSG00000024593	Megf10	82.24	0.00	207.18	52.46	81.03	0.00	154.15	67.98	74.59	0.00	466.64	134.51	113.60	0.00	0.00	349.69	234.54	68.60	332.41	118.25	100.04	0.00	76.58	202.02	0.00
ENSMUSG00000024647	Cbln2	28.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.87	270.56	157.65	138.33	124.99	138.56	127.65	78.40	158.98	78.26	60.33	44.85	0.00	0.00	82.78
ENSMUSG00000024650	Slc22a6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.52	0.00	9.27	0.00	0.00	0.00	45.66	41.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000024653	Scgb1a1	253.25	87.05	0.00	0.00	0.00	60.43	0.00	0.00	0.00	31.28	172.60	323.90	210.98	120.06	635.00	706.91	668.34	520.46	461.28	749.47	1472.41	782.77	894.59	883.82	1019.11
ENSMUSG00000024663	Rab3il1	173.82	0.00	0.00	0.00	0.00	33.50	63.93	11.45	34.96	26.54	258.90	160.79	231.84	211.42	186.76	459.02	146.33	172.04	128.87	216.93	95.46	302.11	114.87	5.05	51.46
ENSMUSG00000024672	Ms4a7	6.54	0.00	0.00	0.00	15.35	0.00	0.00	0.00	0.00	50.24	158.09	48.70	48.69	60.03	0.00	0.00	35.29	0.00	157.77	99.53	74.84	326.65	13.92	47.98	0.00
ENSMUSG00000024675	Ms4a4c	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	102.34	17.78	32.46	0.00	0.00	0.00	73.68	41.38	0.00	18.72	27.49	58.39	0.00	40.40	54.82
ENSMUSG00000024679	Ms4a6d	72.89	0.00	0.00	36.59	0.00	0.00	0.00	0.00	0.00	20.86	271.89	230.37	60.28	456.76	300.26	386.45	17.64	155.70	119.23	426.20	203.91	150.63	49.60	70.71	79.43
ENSMUSG00000024680	Ms4a2	57.94	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	401.72	182.44	120.56	28.71	0.00	437.34	52.93	113.24	166.20	249.25	76.37	92.24	0.00	70.71	123.05
ENSMUSG00000024681	Ms4a3	46.72	0.00	0.00	46.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115.96	136.79	266.23	239.92	216.79	8.30	30.49	236.06	149.72	89.35	97.32	44.38	58.08	51.46
ENSMUSG00000024682	Gif	6.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.42	17.01	32.46	93.96	397.95	219.61	132.84	151.35	238.47	24.67	61.10	0.00	0.00	31.56	54.82
ENSMUSG00000024694	Keg1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.05	2.32	0.00	0.00	0.00	25.94	0.00	0.00	10.21	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000024696	Lpxn	107.47	151.53	0.00	60.06	0.00	0.00	0.00	32.20	0.00	0.00	43.53	71.89	99.69	99.18	304.57	133.84	0.00	168.77	77.08	125.90	0.00	138.78	53.08	238.63	0.00
ENSMUSG00000024727	Trpm6	20.56	64.48	0.00	0.00	71.20	173.39	191.09	67.26	101.39	440.82	151.22	121.37	162.29	125.28	374.97	232.81	138.03	59.89	227.63	196.51	281.04	151.48	201.89	180.55	129.77
ENSMUSG00000024730	Ms4a8a	0.00	101.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.59	31.32	0.00	71.63	95.48	0.00	36.13	36.58	45.82	0.00	78.32	36.62	154.38
ENSMUSG00000024738	Pga5	127.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	907.31	372.61	403.40	250.57	632.13	667.33	283.32	328.83	307.12	468.73	12.22	482.35	359.40	205.80	145.43
ENSMUSG00000024749	Tmc1	0.00	0.00	0.00	0.00	0.00	0.00	22.73	0.00	0.00	0.00	0.00	9.28	0.00	5.22	0.00	38.64	0.00	0.00	0.00	23.82	0.00	73.62	0.00	0.00	0.00
ENSMUSG00000024757	Slc22a19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61	0.00	0.00	12.45	37.02	0.00	14.46	0.00	0.00	0.00	15.15	0.00
ENSMUSG00000024771	Lipk	27.10	0.00	0.00	0.00	0.00	0.00	0.00	7.16	0.00	48.35	82.48	51.02	78.83	0.00	0.00	110.28	308.22	114.33	109.60	323.27	517.03	297.03	80.93	353.53	323.30
ENSMUSG00000024786	Majin	0.00	0.00	0.00	31.75	0.00	0.00	43.33	0.00	0.00	0.00	132.13	87.35	85.78	240.13	0.00	47.13	0.00	79.49	37.34	0.00	19.09	0.00	0.00	101.01	0.00
ENSMUSG00000024837	Dmrt1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.75	133.74	51.01	41.76	0.00	107.45	0.00	23.95	0.00	41.68	33.60	11.85	53.95	0.00	0.00
ENSMUSG00000024857	Cabp2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	202.39	96.63	173.88	146.16	0.00	4.71	32.17	50.09	12.04	30.63	39.71	137.09	33.94	0.00	0.00
ENSMUSG00000024863	Mbl2	217.74	206.34	0.00	0.00	0.00	0.00	0.00	14.31	0.00	0.00	500.24	323.13	463.68	446.32	119.24	841.70	289.54	174.21	336.02	316.46	380.32	47.39	40.90	140.15	201.36
ENSMUSG00000024866	Acy3	55.14	0.00	43.97	0.00	0.00	0.00	112.95	53.67	0.00	0.00	325.35	166.20	104.33	52.20	202.57	71.63	203.41	200.35	66.24	250.11	250.49	195.48	131.40	85.86	186.82
ENSMUSG00000024903	Lao1	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.96	128.32	206.34	232.30	0.00	45.24	189.92	87.11	330.00	260.31	25.97	0.00	277.60	94.69	143.19
ENSMUSG00000024905	Tesmin	40.18	0.00	0.00	9.66	0.00	0.00	73.17	42.22	0.00	0.00	15.27	47.93	4.64	2.61	0.00	0.00	129.72	10.89	22.88	32.33	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000024907	Gal	483.14	497.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1997.91	1302.57	1611.29	1576.48	2271.35	1262.08	1074.12	1183.57	1406.71	1433.43	1109.66	491.66	781.46	633.82	742.80
ENSMUSG00000024990	Rbp4	0.00	0.00	113.28	0.00	39.90	0.00	66.78	0.00	0.00	0.00	117.61	78.85	16.23	164.43	0.00	94.26	65.38	1.09	95.15	214.38	20.62	99.01	74.84	152.77	49.22
ENSMUSG00000024992	Pde6c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.44	0.00	0.00	5.22	0.00	35.82	0.00	10.89	0.00	0.00	0.00	83.78	0.00	0.00	0.00
ENSMUSG00000025002	Cyp2c55	0.00	0.00	0.00	0.00	0.00	0.00	38.36	0.00	0.00	0.00	71.03	27.83	11.59	0.00	0.00	148.92	0.00	51.18	83.10	43.39	0.00	0.00	86.15	0.00	53.70
ENSMUSG00000025038	Efhc2	104.66	0.00	62.60	2.07	0.00	39.41	52.57	83.00	0.00	173.49	0.00	37.11	13.91	0.00	0.00	0.00	64.34	26.13	0.00	118.25	0.00	0.00	0.00	49.24	35.80
ENSMUSG00000025044	Msr1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.91	10.44	415.19	17.91	0.00	35.93	0.00	37.43	59.57	0.00	0.00	0.00	0.00
ENSMUSG00000025056	Nr0b1	0.00	0.00	6.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.54	241.11	208.80	208.31	139.50	224.16	43.55	109.60	168.44	77.90	0.00	143.59	13.89	0.00
ENSMUSG00000025075	Habp2	42.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	88.90	25.50	0.00	0.00	106.51	36.32	0.00	87.92	44.24	61.86	0.00	0.00	0.00	87.26
ENSMUSG00000025082	Vwa2	557.89	640.52	371.88	271.98	792.45	677.82	145.63	470.12	196.96	621.89	246.68	275.98	204.02	331.48	640.75	188.51	244.92	212.32	144.53	312.21	261.19	479.82	422.06	281.56	100.68
ENSMUSG00000025091	Pnliprp2	24.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.14	56.43	20.87	0.00	124.99	89.54	126.61	32.67	245.69	141.22	77.13	23.69	50.47	103.53	99.56
ENSMUSG00000025094	Slc18a2	313.06	219.24	146.07	272.67	124.61	0.00	134.97	77.28	159.66	202.87	1474.76	1523.66	1666.94	1960.16	1235.52	1380.84	832.31	969.07	1081.53	1306.67	1008.85	658.37	752.74	612.36	393.77
ENSMUSG00000025127	Gcgr	450.43	0.00	0.00	0.00	0.00	36.12	0.00	0.00	0.00	0.00	536.90	263.61	319.94	224.47	303.13	414.72	258.41	214.50	351.68	265.42	75.61	121.86	113.13	77.02	167.80
ENSMUSG00000025128	Bhlhe22	22.43	72.01	30.56	26.23	24.55	0.00	49.73	0.00	0.00	0.00	210.03	138.37	180.84	36.54	0.00	162.12	97.55	148.08	84.31	116.55	219.95	1.69	24.37	68.18	0.00
ENSMUSG00000025163	Cd7	55.14	0.00	38.01	0.00	0.00	20.36	0.00	41.50	0.00	0.00	75.61	192.49	78.83	39.15	364.91	132.90	150.48	80.57	54.20	77.41	103.10	183.63	0.00	122.47	1.12
ENSMUSG00000025172	Ankrd2	14.02	0.00	0.00	0.00	0.00	0.00	36.94	0.00	0.00	0.00	32.84	26.28	30.14	20.88	0.00	170.60	0.00	0.00	0.00	91.88	0.00	40.62	0.00	30.30	0.00
ENSMUSG00000025175	Fn3k	0.00	0.00	0.00	41.42	0.00	51.89	0.00	0.00	0.00	0.00	0.00	72.67	6.96	109.62	45.97	168.72	79.91	74.04	0.00	6.81	114.56	182.79	0.00	25.25	0.00
ENSMUSG00000025196	Cpn1	39.25	0.00	36.52	0.00	68.75	0.00	0.00	0.00	0.00	0.00	117.61	139.15	97.37	5.22	1.44	324.24	87.17	19.60	52.99	163.33	0.00	29.62	40.90	183.08	107.39
ENSMUSG00000025197	Cyp2c23	0.00	0.00	0.00	0.00	17.19	0.00	0.00	0.00	0.00	0.00	0.00	44.84	2.32	0.00	0.00	0.00	56.04	0.00	0.00	139.51	0.00	0.00	0.00	0.00	3.36
ENSMUSG00000025207	Sema4g	1002.72	149.38	209.42	35.90	179.85	183.25	95.90	165.29	134.03	157.37	886.69	461.50	282.85	595.09	774.36	811.54	1141.57	712.10	1173.06	1232.66	2110.10	1183.04	971.17	1661.57	1307.73
ENSMUSG00000025215	Tlx1	147.65	0.00	0.00	21.40	0.00	32.84	0.00	12.88	0.00	0.00	73.32	143.01	157.65	354.97	149.41	659.79	331.06	263.50	90.33	424.50	219.95	449.35	27.85	246.21	154.38
ENSMUSG00000025272	Tro	113.07	0.00	70.05	40.73	269.47	0.00	38.36	173.16	0.00	36.97	580.43	233.46	415.00	138.33	0.00	240.35	190.95	254.79	331.20	239.05	56.51	88.85	74.84	164.14	4.47
ENSMUSG00000025318	Jph3	0.00	134.34	0.00	0.00	0.00	0.00	0.00	8.59	0.00	0.00	46.59	88.13	25.50	112.23	0.00	13.20	99.63	63.15	225.22	53.59	82.48	117.63	100.08	107.32	3.36
ENSMUSG00000025329	Padi1	65.41	6.45	40.99	32.44	25.17	87.35	133.55	156.71	109.55	0.00	463.58	453.77	292.12	386.29	308.88	351.57	460.78	293.99	297.48	336.03	331.45	266.56	180.14	59.34	81.66
ENSMUSG00000025330	Padi4	227.08	96.72	0.00	12.43	0.00	51.23	151.31	0.00	0.00	0.00	537.67	282.93	521.64	339.31	1882.01	686.18	435.87	360.41	340.84	569.97	148.16	295.34	423.80	222.22	91.73
ENSMUSG00000025333	Gpr143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.27	20.88	0.00	63.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.04	0.00
ENSMUSG00000025347	Mettl7b	47.66	0.00	0.00	21.40	0.00	0.00	0.00	0.00	0.00	0.00	36.66	89.67	102.01	104.40	507.14	235.64	41.51	23.95	59.01	0.00	34.37	0.00	0.00	0.00	19.02
ENSMUSG00000025348	Itga7	640.13	1.07	83.47	147.72	36.22	267.32	139.24	100.89	0.00	276.82	1241.82	1176.57	1256.58	1012.70	953.94	1402.52	1310.73	1534.17	1245.33	1453.84	495.64	664.30	549.11	734.83	690.22
ENSMUSG00000025355	Mmp19	147.65	0.00	0.00	35.90	0.00	0.00	0.00	0.00	0.00	62.57	119.91	200.22	118.24	261.01	0.00	227.16	321.72	137.19	155.36	192.26	73.32	100.70	103.56	143.94	91.73
ENSMUSG00000025375	Aatk	175.69	208.49	0.00	0.00	57.09	21.02	82.40	11.45	0.00	244.59	497.19	540.35	285.16	318.43	324.68	523.12	530.31	335.36	142.12	277.33	197.80	53.31	73.97	342.16	0.00
ENSMUSG00000025380	Fscn2	17.76	32.24	0.00	0.00	0.00	0.00	0.00	32.20	0.00	0.00	44.30	23.19	41.73	39.15	145.10	32.99	77.83	0.00	0.00	10.21	3.05	0.00	0.00	0.00	1.12
ENSMUSG00000025389	Mip	127.09	0.00	0.00	0.00	0.00	0.00	34.10	0.00	0.00	0.00	166.49	106.68	69.55	349.75	452.55	356.28	271.90	445.33	157.77	447.47	0.00	115.09	0.00	175.50	256.18
ENSMUSG00000025396	Hsd17b6	62.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.94	105.13	4.64	52.20	172.40	137.61	112.08	137.19	45.77	175.24	171.83	166.71	429.02	241.16	152.14
ENSMUSG00000025400	Tac2	483.14	0.00	0.00	2.07	0.00	0.66	0.00	0.00	0.00	0.00	1352.56	1314.17	1314.54	1148.43	1715.36	1795.56	1377.15	1212.96	1733.10	1678.43	644.56	847.08	2094.62	710.84	872.57
ENSMUSG00000025401	Myo1a	1631.63	1376.70	778.79	1049.95	679.51	387.51	684.10	588.90	100.23	707.21	1742.07	3143.18	3322.28	3053.77	3726.67	3411.10	2699.30	3021.52	2617.11	3094.84	1518.24	2027.58	2391.37	1502.49	1851.41
ENSMUSG00000025405	Inhbc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.15	0.00	2.32	41.76	0.00	0.00	0.00	0.00	0.00	33.18	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000025407	Gli1	0.00	157.98	11.92	0.00	0.00	88.67	0.00	37.21	3.50	0.00	31.31	57.20	90.42	75.69	146.54	71.63	78.87	14.15	0.00	13.61	36.66	0.00	35.68	27.78	0.00
ENSMUSG00000025418	Bsnd	0.00	0.00	64.84	0.00	25.78	0.00	0.00	0.00	0.00	0.00	238.28	188.62	222.57	161.82	547.36	83.89	50.85	249.34	8.43	126.75	119.14	88.01	0.00	69.44	97.32
ENSMUSG00000025420	Katnal2	39.25	0.00	0.00	0.00	55.24	0.00	0.00	24.33	0.00	0.00	185.59	37.11	55.64	7.83	306.01	201.71	87.17	99.08	90.33	72.31	93.94	154.86	110.52	55.55	24.61
ENSMUSG00000025433	Crisp3	41.12	44.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	323.06	221.86	220.25	354.97	242.79	427.92	323.79	359.32	409.49	347.94	284.10	145.55	245.40	119.95	264.01
ENSMUSG00000025467	Prap1	9.34	0.00	33.54	0.00	0.00	0.00	0.00	12.16	0.00	0.00	290.22	136.83	4.64	23.49	51.72	92.37	198.22	188.37	173.43	135.26	255.84	92.24	140.11	195.70	100.68
ENSMUSG00000025468	Caly	108.40	0.00	0.00	0.00	0.00	22.99	0.00	0.00	69.93	0.00	134.42	184.76	148.38	67.86	380.71	221.50	171.24	137.19	225.22	274.78	22.15	58.39	0.00	1.26	0.00
ENSMUSG00000025475	Adgra1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.83	122.88	28.71	324.68	38.64	94.44	185.10	169.82	74.01	0.00	0.00	116.61	31.56	0.00
ENSMUSG00000025480	Syce1	0.00	0.00	0.00	0.00	72.43	0.00	0.00	25.04	0.00	0.00	0.00	47.16	148.38	20.88	40.23	73.52	79.91	18.51	0.00	68.06	10.69	137.94	123.57	0.00	0.00
ENSMUSG00000025482	Odf3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.15	4.64	0.00	0.00	28.28	0.00	0.00	0.00	38.28	0.00	0.00	0.00	68.18	30.20
ENSMUSG00000025488	Cox8b	23.36	0.00	0.00	0.00	0.00	0.00	59.67	20.75	0.00	0.00	35.13	68.03	34.78	10.44	0.00	19.79	29.06	0.00	186.68	0.00	55.75	37.23	0.00	41.67	127.53
ENSMUSG00000025496	Drd4	0.00	0.00	35.03	0.00	0.00	0.00	0.00	14.31	0.00	5.69	216.90	122.14	46.37	67.86	188.20	350.63	135.95	166.59	180.66	120.80	16.80	0.00	47.86	20.20	27.97
ENSMUSG00000025515	Muc2	159.80	0.00	0.00	8.97	0.61	0.00	0.00	0.00	0.00	0.00	1011.94	1054.43	1240.35	1237.17	791.60	296.90	302.00	243.90	900.87	563.16	577.36	463.74	823.23	243.68	157.73
ENSMUSG00000025528	2010106E1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.05	61.23	65.33	0.00	28.07	52.70	0.00	0.00	0.00	77.19
ENSMUSG00000025576	Rbfox3	57.00	0.00	0.00	0.00	0.00	0.00	0.00	5.01	0.00	34.13	268.07	407.39	440.50	806.51	698.21	329.89	457.67	430.09	619.05	330.92	111.50	256.41	478.62	180.55	118.58
ENSMUSG00000025597	Klhl4	25.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.97	182.53	8.50	132.15	15.66	0.00	158.35	84.06	59.89	68.65	185.45	23.67	40.62	0.00	0.00	0.00
ENSMUSG00000025650	Col7a1	954.12	574.97	627.51	564.66	911.54	1035.77	982.46	1163.49	1050.06	2058.13	1259.39	1458.73	1715.62	1218.90	738.44	1330.88	1649.06	1408.96	817.77	1422.37	2016.93	2048.74	1544.64	1996.16	1671.30
ENSMUSG00000025658	Ksr2	11.21	0.00	133.40	22.78	0.00	111.66	0.00	0.00	0.00	46.45	38.95	74.98	62.60	88.74	0.00	90.49	63.31	132.84	278.21	159.08	139.76	137.09	159.25	108.58	0.00
ENSMUSG00000025746	Il6	48.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	177.80	23.18	5.22	0.00	14.14	14.53	0.00	120.44	30.63	0.00	196.33	0.00	40.40	0.00
ENSMUSG00000025804	Ccr1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.92	151.22	28.60	76.51	0.00	487.02	146.10	86.14	25.04	0.00	0.00	0.00	242.87	195.80	112.37	364.69
ENSMUSG00000025892	Gria4	38.31	95.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.88	16.04	41.74	83.46	28.71	0.00	178.14	139.06	236.28	178.25	32.33	34.37	55.85	78.32	0.00	0.00
ENSMUSG00000025900	Rp1	22.43	0.00	0.00	0.00	0.00	0.00	0.00	20.04	62.93	145.05	132.13	76.53	99.69	2.61	0.00	88.60	112.08	67.51	239.67	243.30	0.00	41.47	0.00	70.71	8.95
ENSMUSG00000025902	Sox17	45.79	0.00	0.00	0.00	0.00	32.18	35.52	0.00	66.43	133.67	0.00	54.89	4.64	0.00	0.00	0.00	45.66	17.42	0.00	114.84	0.00	41.47	0.00	157.82	0.00
ENSMUSG00000025905	Oprk1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.60	20.87	36.54	0.00	0.00	47.74	0.00	54.20	77.41	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000025934	Gsta3	130.83	202.04	0.00	0.00	0.00	0.00	85.25	32.92	0.00	0.00	366.59	221.86	139.10	289.72	1090.42	416.61	1006.66	323.38	540.77	328.37	615.54	72.78	859.78	594.68	671.21
ENSMUSG00000025946	Pth2r	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.16	0.00	0.00	200.86	143.79	99.69	52.20	350.54	27.33	84.06	28.31	99.96	95.28	88.59	0.00	0.00	89.64	0.00
ENSMUSG00000025952	Crygc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.53	28.60	64.92	0.00	0.00	12.25	0.00	93.64	43.36	17.01	0.00	62.62	60.92	30.30	0.00
ENSMUSG00000025963	Mdh1b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.59	0.00	127.66	72.31	53.46	0.00	80.93	58.08	0.00
ENSMUSG00000025991	Cps1	274.74	1.07	87.94	0.00	51.56	59.77	39.78	45.80	0.00	102.39	1037.91	1246.91	1103.56	1388.55	847.62	1805.93	778.35	615.19	719.01	1019.99	348.25	275.03	442.94	220.95	417.27
ENSMUSG00000026018	Ica1l	76.63	0.00	0.00	0.00	87.78	0.00	0.00	0.72	0.00	0.00	68.74	131.42	104.33	146.16	0.00	241.29	190.95	248.25	0.00	74.01	125.25	0.00	190.58	17.68	0.00
ENSMUSG00000026080	Chst10	133.63	1.07	35.03	46.94	19.03	110.34	72.46	52.95	0.00	129.88	223.01	241.96	333.85	185.31	254.29	336.49	435.87	78.40	63.83	114.84	0.00	108.32	133.14	49.24	0.00
ENSMUSG00000026090	2010300C(	1631.63	3191.87	1563.55	2257.28	1671.46	2020.31	2089.96	2482.25	1419.50	1459.93	200.10	149.20	445.13	595.09	869.17	1654.18	1115.63	1170.50	853.90	877.92	1024.12	1513.07	1614.26	1765.11	1494.55
ENSMUSG00000026125	Prss39	40.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.42	0.00	0.00	26.39	156.71	0.00	0.00	46.79	12.98	0.00	0.00	0.00	0.00

ENSMUSG00000026147	Col9a1	261.66	81.68	48.44	103.54	39.90	42.69	65.36	62.97	0.00	76.79	692.70	1057.52	651.47	461.98	406.57	901.08	931.94	443.16	1053.83	870.26	216.89	530.59	170.56	246.21	430.69
ENSMUSG00000026166	Ccl20	483.14	487.92	0.00	0.00	39.90	30.21	80.27	58.68	76.92	361.19	1121.15	902.91	1052.56	1218.90	415.19	1289.41	989.02	687.06	2200.40	1438.53	3060.91	2962.67	2820.39	2159.04	1560.55
ENSMUSG00000026177	Slc11a1	310.25	0.00	38.75	0.00	0.00	57.14	0.00	0.00	0.00	0.00	622.44	155.38	625.97	490.69	183.89	488.24	390.21	472.56	434.78	578.47	109.21	148.94	238.44	166.66	410.55
ENSMUSG00000026182	Tnp1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.27	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000026241	Nppc	87.84	80.60	49.93	14.50	12.89	0.00	0.00	4.29	0.00	0.00	491.84	196.35	95.05	159.21	205.44	321.41	220.01	377.83	84.31	366.65	120.66	386.73	33.07	188.13	241.63
ENSMUSG00000026255	Efhd1	213.07	269.75	0.00	55.91	23.94	104.43	77.43	103.76	0.00	55.93	338.33	749.85	435.86	187.92	841.88	401.53	774.19	426.82	243.28	706.93	111.50	214.94	444.68	208.33	265.13
ENSMUSG00000026272	Agxt	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	148.93	342.46	306.03	148.77	278.71	120.65	154.63	219.95	221.61	136.96	53.46	69.39	112.26	59.34	38.03
ENSMUSG00000026295	Spp2	127.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	134.42	236.55	183.15	15.66	47.41	186.63	141.14	144.82	124.05	53.59	71.79	57.54	53.95	32.83	83.90
ENSMUSG00000026301	Iqca	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.46	0.00	0.00	61.86	0.00	0.00	26.10	73.27	100.85	177.46	169.86	50.58	30.63	174.89	95.62	0.00	79.54	57.05
ENSMUSG00000026308	Klhl30	68.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	187.11	309.99	85.78	206.19	43.10	164.95	91.33	127.39	303.50	253.51	0.00	104.09	0.00	0.00	0.00
ENSMUSG00000026315	Serpinb8	273.81	0.00	70.80	113.21	46.65	55.17	51.15	161.71	111.88	215.20	452.13	632.35	561.06	391.51	905.09	973.66	398.51	302.70	495.00	620.16	1213.52	457.81	883.28	747.46	450.83
ENSMUSG00000026327	Serpinb11	189.70	0.00	83.47	0.69	21.48	165.51	50.44	710.54	392.75	378.26	733.18	344.00	229.52	412.39	712.58	1015.13	750.33	405.05	655.18	696.72	2378.16	2038.58	2002.38	1299.21	1332.34
ENSMUSG00000026354	Lct	93.45	133.26	55.15	69.72	30.69	28.90	132.84	56.53	139.85	0.00	82.48	103.59	266.62	41.76	0.00	159.29	71.61	59.89	0.00	48.49	86.30	27.93	93.11	93.43	32.44
ENSMUSG00000026389	Steap3	73.83	235.36	81.23	161.53	31.31	151.72	137.10	42.93	152.67	0.00	213.08	313.85	296.76	109.62	524.38	262.03	314.45	248.25	264.96	241.60	25.97	403.65	223.65	73.23	240.52
ENSMUSG00000026390	Marco	195.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	827.88	729.75	1017.78	1208.46	2064.47	1004.76	524.09	462.76	327.59	478.09	287.92	126.09	175.78	59.34	152.14
ENSMUSG00000026401	Cd55b	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	204.00	36.76	62.27	0.00	0.00	5.95	21.38	0.00	0.00	46.72	0.00
ENSMUSG00000026405	C4bp	67.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.43	331.46	213.36	155.33	253.18	366.35	252.60	276.05	264.59	227.63	205.87	267.30	682.07	241.92	258.83	345.67
ENSMUSG00000026418	Tnni1	140.17	0.00	32.05	180.86	131.97	0.00	63.93	9.30	0.00	0.00	1275.43	1030.46	621.33	662.96	3291.37	1253.60	773.16	595.59	1254.96	796.25	332.21	374.88	560.42	310.60	315.47
ENSMUSG00000026420	Il24	19.62	0.00	0.00	0.00	0.00	0.00	0.00	14.31	0.00	0.00	135.94	282.93	125.19	294.94	412.32	438.29	87.17	153.53	467.30	173.54	300.13	52.47	79.19	63.13	185.70
ENSMUSG00000026424	Gpr37l1	6.54	0.00	52.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	135.94	105.91	27.82	140.94	0.00	43.36	61.23	43.55	112.01	108.89	136.70	135.40	0.00	61.87	44.75
ENSMUSG00000026435	Slc45a3	455.10	0.00	92.41	119.42	77.34	128.08	171.20	115.92	256.40	154.53	632.37	868.90	839.26	555.94	906.53	549.51	724.38	361.49	738.28	507.02	589.58	706.61	268.03	749.98	519.07
ENSMUSG00000026443	Lrrn2	76.63	0.00	54.40	102.16	31.92	0.00	66.78	5.01	78.08	19.91	0.00	115.18	41.73	5.22	0.00	108.39	21.79	84.93	203.54	41.68	0.00	68.55	0.00	10.10	61.53
ENSMUSG00000026450	Chit1	77.56	0.00	0.00	16.57	0.00	19.05	0.00	0.00	0.00	0.00	854.61	888.22	619.02	989.21	1294.42	1029.27	412.00	372.38	843.06	669.50	569.72	779.38	390.73	344.69	372.52
ENSMUSG00000026452	Syt2	86.91	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	233.70	117.50	139.10	86.13	0.00	158.35	275.02	57.71	134.89	328.37	83.24	114.24	93.11	200.75	50.34
ENSMUSG00000026468	Lhx4	0.00	0.00	0.00	0.00	9.21	0.00	0.00	0.00	0.00	0.00	34.37	43.29	62.60	83.52	56.03	109.34	153.59	16.33	0.00	125.90	49.64	147.25	0.00	39.14	58.17
ENSMUSG00000026494	Kif26b	90.65	0.00	0.00	0.00	0.00	0.00	58.25	0.00	170.15	0.00	640.77	697.28	222.57	511.57	222.68	229.98	248.03	372.38	99.96	475.54	420.80	358.80	368.97	68.18	203.60
ENSMUSG00000026531	Mptx1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.64	0.00	139.36	39.59	44.63	30.49	143.32	70.61	44.29	0.00	0.00	0.00	8.95
ENSMUSG00000026573	Xcl1	86.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	303.96	258.97	85.78	344.53	782.98	853.01	232.47	197.08	213.17	296.89	42.77	203.94	166.21	102.27	198.01
ENSMUSG00000026579	F5	142.04	0.00	0.00	37.97	0.00	0.00	26.99	0.00	0.00	74.89	504.82	582.10	368.63	495.91	446.80	617.37	400.59	472.56	346.86	554.66	488.00	682.07	583.92	263.88	155.50
ENSMUSG00000026581	Sell	103.73	141.86	9.69	39.35	0.00	135.96	17.76	45.08	0.00	0.00	0.00	40.20	171.56	2.61	1.44	329.89	216.90	95.82	4.82	108.04	117.61	211.56	0.00	321.96	31.32
ENSMUSG00000026582	Sele	0.00	0.00	0.00	0.00	0.00	56.48	0.00	64.40	0.00	0.00	56.52	189.39	217.93	159.21	0.00	354.40	115.20	56.62	0.00	32.33	0.00	50.77	164.47	0.00	39.15
ENSMUSG00000026589	Sec16b	191.57	506.19	172.15	207.78	319.19	340.88	176.89	76.56	278.54	689.20	59.57	395.80	180.84	78.30	77.58	183.80	254.26	268.94	196.31	267.12	94.70	132.86	214.07	229.79	32.44
ENSMUSG00000026602	Nphs2	24.30	0.00	0.00	0.00	0.00	68.96	71.75	0.00	0.00	0.00	30.55	68.80	278.21	114.84	87.64	164.95	1.04	41.38	219.20	79.97	23.67	2.54	0.00	73.23	0.00
ENSMUSG00000026609	Ush2a	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.61	160.79	159.97	135.72	0.00	178.14	106.89	157.88	387.81	60.40	79.42	12.69	60.92	102.27	218.14
ENSMUSG00000026614	Slc30a10	320.53	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.00	0.00	443.73	485.47	210.98	448.93	479.84	503.32	587.39	399.60	513.06	746.06	491.06	385.88	343.74	321.96	195.77
ENSMUSG00000026637	Traf5	23.36	144.01	564.90	394.85	483.08	604.25	586.78	384.97	0.00	349.82	252.03	87.35	132.15	180.09	67.52	362.88	56.04	65.33	0.00	76.56	782.03	561.05	458.61	114.90	211.43
ENSMUSG00000026645	Olah	55.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.92	148.16	184.76	125.19	352.36	962.56	333.66	0.00	64.24	125.26	209.27	104.63	207.33	152.29	66.92	157.73
ENSMUSG00000026650	Meig1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.32	0.00	0.00	0.00	0.00	11.59	114.84	199.69	84.83	110.01	32.67	332.41	103.79	56.51	38.93	0.00	162.87	203.60
ENSMUSG00000026692	Fmo4	56.07	0.00	0.00	0.00	3.07	0.00	0.00	0.00	0.00	0.00	0.00	27.83	46.37	2.61	0.00	36.76	0.00	113.24	108.39	62.95	0.00	81.24	6.09	27.78	0.00
ENSMUSG00000026697	Myoc	424.26	141.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	292.51	935.38	906.50	529.84	586.15	1399.69	896.65	467.11	538.36	866.01	210.78	286.03	0.00	204.54	398.25
ENSMUSG00000026725	Tnn	440.15	0.00	33.54	28.30	0.00	0.00	71.75	0.00	0.00	0.00	1439.63	1440.95	1495.37	957.89	3103.17	1611.77	1030.53	684.88	543.17	1361.12	691.15	242.87	761.44	422.97	553.74
ENSMUSG00000026734	4921504E0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61	0.00	33.93	0.00	49.00	113.21	35.73	97.75	28.77	0.00	74.49	0.00
ENSMUSG00000026735	Ptf1a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.39	4.64	194.75	138.33	0.00	77.29	55.00	27.22	0.00	11.91	0.00	38.93	0.00	0.00	53.70
ENSMUSG00000026751	Nr5a1	49.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.32	323.13	234.16	195.75	122.12	34.87	145.29	130.66	150.55	203.32	0.00	0.00	62.66	71.97	0.00
ENSMUSG00000026774	4931423N1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.21	0.00	0.00	39.16	0.00	0.00
ENSMUSG00000026807	Ak8	66.35	121.44	0.00	0.00	0.00	0.00	0.00	10.73	94.40	0.00	423.87	215.68	146.06	15.66	0.00	88.60	285.39	86.02	165.00	427.05	212.31	194.63	0.00	126.26	41.39
ENSMUSG00000026818	Cel	211.20	0.00	29.81	0.00	42.97	52.54	9.95	0.00	0.00	0.00	804.21	786.18	820.72	634.25	406.57	768.18	798.06	481.27	694.93	487.45	370.39	558.52	230.61	219.69	291.97
ENSMUSG00000026825	Dnm1	350.44	64.48	0.00	105.62	34.99	42.04	17.76	39.36	0.00	0.00	365.06	271.34	319.94	203.58	181.02	510.86	359.08	161.15	639.52	393.87	259.66	458.66	49.60	203.28	163.33
ENSMUSG00000026830	Ermn	23.36	0.00	0.00	0.00	33.76	0.00	0.00	0.00	0.00	0.00	252.03	159.25	322.26	125.28	145.10	155.52	145.29	133.93	256.53	106.34	35.89	218.33	151.42	0.00	0.00
ENSMUSG00000026831	1700007K1	0.00	0.00	0.00	82.84	72.43	20.36	62.51	110.91	75.75	0.00	9.93	0.00	0.00	0.00	267.22	9.43	142.18	125.22	85.51	123.35	18.33	132.86	105.30	41.67	85.02
ENSMUSG00000026835	Fcnb	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.85	22.42	0.00	54.81	0.00	92.37	175.39	28.31	249.31	75.71	40.48	15.23	78.32	59.34	0.00
ENSMUSG00000026839	Upp2	6.54	216.02	99.12	77.31	83.48	76.19	123.61	111.63	297.19	164.01	0.00	59.52	69.55	65.25	0.00	12.25	238.69	87.11	161.39	79.97	101.57	115.09	60.92	145.20	64.88
ENSMUSG00000026841	Fibcd1	65.41	0.00	0.00	0.00	0.00	48.60	0.00	26.48	0.00	0.00	722.49	408.94	329.21	469.81	1226.90	618.31	406.82	431.18	214.38	586.98	149.69	271.64	585.66	218.43	63.76
ENSMUSG00000026882	4930568D1	0.00	105.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	146.10	37.09	107.01	0.00	39.59	11.42	50.09	57.81	41.68	24.44	40.62	60.92	0.00	0.00
ENSMUSG00000026890	Lhx6	34.58	0.00	0.00	0.00	0.00	39.41	61.09	0.00	80.42	0.00	245.92	125.23	222.57	245.35	0.00	416.61	26.98	119.77	42.15	103.79	35.89	180.25	2.61	0.00	27.97
ENSMUSG00000026894	Morn5	23.36	0.00	0.00	15.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.54	0.00	0.00	33.21	0.00	0.00	15.31	73.32	49.93	279.34	68.18	182.34
ENSMUSG00000026934	Lhx3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	271.89	105.91	523.96	300.16	393.64	290.31	345.59	218.86	309.52	224.58	138.99	0.00	457.74	98.48	33.56
ENSMUSG00000026937	Lcn5	40.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.10	2.61	0.00	145.15	22.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000026938	Fcna	92.52	218.16	0.00	0.00	0.00	0.00	0.00	49.37	0.00	0.00	226.06	375.70	118.24	227.08	0.00	509.92	374.64	224.30	249.31	444.06	131.36	357.96	138.37	272.72	35.80
ENSMUSG00000026959	Grin1	66.35	0.00	39.50	0.00	14.73	49.26	0.00	0.00	0.00	47.40	431.51	449.91	199.38	639.47	251.41	544.80	459.74	187.28	332.41	204.17	248.97	423.96	157.51	244.94	201.36
ENSMUSG00000026976	Pax8	133.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.40	284.11	261.29	108.97	138.33	609.14	322.35	154.63	43.55	346.86	193.11	56.51	0.00	37.42	77.02	0.00
ENSMUSG00000026983	Il1f5	354.17	0.00	0.00	0.00	41.13	0.00	0.00	0.00	0.00	0.00	375.75	269.02	99.69	193.14	83.33	384.56	389.17	611.93	482.96	688.22	689.62	424.81	244.53	464.63	636.53
ENSMUSG00000026984	Il1f6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.00	121.35	125.25	126.01	60.28	39.15	209.75	135.73	387.10	352.78	496.20	575.92	481.90	189.56	300.23	540.39	308.75
ENSMUSG00000026985	Il1f8	58.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.88	0.00	27.06	0.00	0.00	0.00	31.10	41.51	0.00	72.26	11.91	151.21	0.00	58.30	18.94	138.72
ENSMUSG00000027004	Frzb	62.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	125.23	32.46	83.52	0.00	147.98	78.87	131.75	220.40	205.87	0.00	99.01	116.61	35.35	0.00
ENSMUSG00000027070	Lrp2	255.12	148.31	0.00	0.00	0.00	0.00	0.00	27.19	0.00	0.00	1051.65	759.13	1022.42	1028.36	793.03	937.84	899.77	790.50	479.34	1109.31	371.92	292.80	278.47	348.48	619.75
ENSMUSG00000027186	Elf5	404.64	339.61	32.79	122.18	131.97	0.00	32.68	89.44	96.73	0.00	471.98	321.58	234.16	441.10	548.80	219.61	244.92	411.58	307.12	552.10	342.14	287.72	315.89	249.99	227.09
ENSMUSG00000027208	Fgf7	12.15	0.00	38.75	31.75	0.00	47.29	0.00	0.00	0.00	0.00	34.37	23.19	273.57	93.96	0.00	213.96	80.95	182.92	73.47	80.82	0.00	81.24	0.00	78.28	51.46
ENSMUSG00000027209	Fam227b	0.00	0.00	43.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.32	17.78	41.73	0.00	0.00	64.09	0.00	46.82	0.00	0.00	29.78	27.08	0.00	0.00	0.00
ENSMUSG00000027261	Hao1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	258.90	65.71	46.37	83.52	0.00	249.78	22.83	106.71	57.81	61.25	0.00	27.08	108.78	0.00	39.15
ENSMUSG00000027270	Lamp5	1.87	0.00	0.00	2.07	0.00	0.00	0.00	8.59	0.00	0.00	0.00	0.00	0.00	49.59	0.00	50.90	0.00	38.11	0.00	15.31	19.09	0.00	0.00	0.00	0.00
ENSMUSG00000027296	Itpka	57.00	0.00	0.00	0.00	19.64	17.73	10.66	0.00	0.00	0.00	34.37	144.56	95.05	5.22	0.00	41.47	61.23	175.30	99.96	71.46	100.04	28.77	0.00	47.98	34.68
ENSMUSG00000027301	Oxt	171.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.54	72.67	44.05	428.05	0.00	285.59	153.59	193.81	151.75	346.23	341.37	462.89	423.80	343.43	77.19
ENSMUSG00000027355	Tmco5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.96	26.10	215.50	0.00	0.00	33.75	54.20	32.33	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000027368	Dusp2	219.61	148.31	182.59	55.22	31.31	192.44	77.43	96.60	0.00	268.29	391.79	295.30	644.52	391.51	587.59	212.07	260.49	325.56	128.87	232.24	711.77	493.36	318.50	292.92	114.10
ENSMUSG00000027377	Mall	188.77	0.00	35.77	31.06	54.63	15.76	49.73	22.18	57.11	142.20	177.95	219.54	95.05	190.53	264.34	201.71	660.04	152.44	307.12	381.96	599.50	1157.65	400.30	568.17	636.53
ENSMUSG00000027380	Acoxl	24.30	97.80	0.00	29.68	20.87	0.00	0.00	0.00	0.00	0.00	464.35	333.18	563.37	832.61	978.36	508.98	406.82	519.38	664.82	364.10	162.67	364.73	254.98	138.89	310.99
ENSMUSG00000027386	Fbln7	84.10	0.00	0.00	37.97	49.72	9.20	0.00	86.58	36.13	48.35	120.67	95.08	30.14	7.83	83.33	58.44	151.52	44.64	56.61	85.92	18.33	0.00	0.00	303.02	0.00
ENSMUSG00000027398	Il1b	48.59	0.00	46.21	0.00	0.00	0.00	0.00	0.00	0.00	66.36	167.26	88.13	92.74	112.23	554.55	287.48	50.85	0.00	28.91	138.66	215.36	144.71	124.44	99.74	0.00
ENSMUSG00000027416	Otor	40.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	148.16	170.84	25.50	143.55	239.92	148.92	33.21	69.69	299.89	153.98	0.00	0.00	96.59	118.68	0.00
ENSMUSG00000027419	Pcsk2	24.30	0.00	0.00	23.47	84.09	79.47	0.00	0.00	0.00	0.00	82.48	170.84	69.55	143.55	936.70	300.67	138.03	351.69	86.72	152.28	84.77	132.01	46.99	137.62	176.75
ENSMUSG00000027420	Bfsp1	90.65	161.21	128.93	58.68	93.92	126.11	171.20	19.32	57.11	103.33	106.16	175.48	153.02	130.50	333.30	274.28	179.54	194.90	366.13	143.77	113.03	486.59	55.69	171.71	280.79
ENSMUSG00000027434	Nkx2-2	14.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.76	45.06	54.11	25.50	44.37	0.00	49.96	10.38	65.33	96.35	68.91	1.53	0.00	34.81	49.24	0.00
ENSMUSG00000027442	Cst8	188.77	0.00	0.00	0.00	0.00	0.00	0.00	13.60	0.00	0.00	297.85	153.83	248.07	287.11	324.68	215.84	123.50	155.70	63.83	188.86	74.84	121.86	183.62	61.87	147.67
ENSMUSG00000027443	Cst12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.08	30.15	18.55	0.00	0.00	118.76	0.00	0.00	0.00	64.65	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000027444	8030411F2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.62	68.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.83
ENSMUSG00000027445	Cst9	99.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	184.06	86.58	125.19	208.80	489.90	100.85	165.01	190.55	224.01	608.25	50.40	126.09	98.34	42.93	25.73
ENSMUSG00000027446	9230104L0	24.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	187.88	0.00	18.55	0.00	0.00	31.10	139.06	46.82	73.47	162.48	0.00	242.87	0.00	25.25	71.60
ENSMUSG00000027456	Sdcbp2	96.25	0.00	65.58	0.00	20.26	0.00	0.00	14.31	0.00	42.66	242.87	248.92	129.83	187.92	551.67	212.07	448.33	363.67	143.32	425.35	169.54	256.41	268.90	359.84	132.00
ENSMUSG00000027480	Sun5	18.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.04	0.00	27.82	91.35	0.00	54.67	55.00	53.35	0.00	11.91	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000027482	Bpifa3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.84	0.00	0.00	0.00	0.00	0.00	67.46	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000027483	Bpifa1	823.29	233.21	98.37	0.00	0.00	3757.54	6980.97	9755.84	2999.83	6141.20	1545.79	977.90	783.62	649.91	3111.79	1728.64	1651.13	1730.16	2302.77	4045.92	7603.40	8200.03	7478.69	6517.51	6198.58
ENSMUSG00000027484	Bpifa5	125.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	368.12	140.69	208.66	302.77	408.01	448.66	434.84	265.68	60.22	472.99	225.29	195.48	133.14	233.58	124.17
ENSMUSG00000027485	Bpifb1	130.83	120.37	0.00	0.00	0.00	206.23	59.67	77.28	0.00	86.27	445.25	820.20	477.59	422.83	209.75	448.66	433.80	494.33	849.09	478.09	1022.59	1077.26	607.41	739.88	972.13
ENSMUSG00000027488	Snta1	105.60	193.45	24.59	120.11	79.80	282.42	201.04	171.02	265.72	68.26	51.93	36.33	9.27	67.86	0.00	38.64	93.40	99.08	42.15	103.79	45.06	94.78	0.00	147.72	64.88
ENSMUSG00000027489	Necab3	27.10	0.00	40.24	49.01	68.75	0.00	38.36	36.49	61.77	118.50	117.61	64.94	57.96	54.81	0.00	98.03	340.40	107.79	43.36	0.00	72.55	55.01	32.20	102.27	0.00
ENSMUSG00000027520	Zdbf2	624.24	325.64	231.03	318.92	560.43	44.01	20.60	106.62	254.06	57.83	2019.30	2389.47	2040.20	2028.02	716.89	2609.93	1083.46	1485.17	1509.08	1260.74	491.82	631.29	432.50	434.33	193.53
ENSMUSG00000027524	Edn3	0.00	0.00	0.00	0.00	12.89	21.02	43.33	50.09	0.00	0.00	48.11	92.76	46.37	219.25	133.61	197.94	124.54	74.04	0.00	116.55	48.88	48.24	100.95	63.13	0.00
ENSMUSG00000027570	Col9a3	95.32	1.07	482.93	346.53	439.50	955.64	527.82	441.50	909.04	479.69	186.35	142.24	132.15	234.91	278.71	269.57	409.93	344.07	59.01	301.15	126.77	377.42	328.94	563.12	900.53
ENSMUSG00000027584	Oprl1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	127.54	132.96	178.52	0.00	235.61	143.27	35.29	199.26	0.00	196.51	27.49	88.85	0.00	66.92	217.02
ENSMUSG00000027606	Dnajc5b	26.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.88	69.57	129.83	10.44	0.00	0.00	50.85	0.00	0.00	37.43	0.00	0.00	0.00	0.00	40.27
ENSMUSG00000027643	Ghrh	12.15	175.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144.34	190.94	113.60	153.99	541.62	343.09	123.50	187.28	46.97	40.83	118.37	114.24	46.99	70.71	104.04
ENSMUSG00000027656	Wisp2	32.71	0.00	0.00	0.00	0.00	0.00	42.62	0.00	0.00	0.00	28.26	76.53	104.33	91.35	0.00	70.69	145.29	101.26	334.82	14.46	54.22	185.33	264.55	10.10	25.73
ENSMUSG00000027661	Slc2a10	25.23	0.00	0.00	18.64	23.33	29.56	0.00	35.78	180.64	0.00	0.00	49.47	120.56	271.45	0.00	63.15	0.00	60.97	112.01	101.23	0.00	0.00	0.00	71.97	0.00
ENSMUSG00000027702	Lrrc34	84.10	0.00	0.00	0.00	0.00	80.13	0.00	0.00	0.00	0.00	190.93	166.20	78.83	482.86	626.38	212.07	152.56	303.79	428.76	339.43	168.78	46.54	0.00	184.34	15.66
ENSMUSG00000027716	Trpc3	0.00	0.00	0.00	30.37	27.62	0.00	27.71	20.04	184.14	0.00	38.95	45.61	0.00	18.27	195.38	124.42	68.49	19.60	156.57	0.00	0.00	204.79	0.00	51.77	0.00
ENSMUSG00000027744	Stoml3	0.00	134.34	42.48	51.77	25.78	139.24	0.00	0.00	0.00	0.00	95.47	256.65	18.55	20.88	0.00	221.50	105.86	67.51	0.00	40.83	82.48	0.00	0.00	103.53	99.56
ENSMUSG00000027761	Aadac	171.01	182.70	234.01	607.46	807.19	853.84	875.20	896.59	656.14	893.97	107.69	0.00	46.37	10.44	0.00	184.74	205.48	64.24	270.98	207.57	388.72	718.45	514.30	367.41	363.57
ENSMUSG00000027765	P2ry1	186.90	0.00	207.93	8.97	234.48	208.21	214.54	148.12	75.75	158.32	164.97	157.70	39.41	229.69	0.00	23.56	10.38	154.61	184.27	53.59	69.50	320.72	211.46	108.58	178.99
ENSMUSG00000027793	Ccna1	0.00	0.00	30.56	0.00	0.00	0.00	0.00	13.60	0.00	0.00	74.08	6.18	83.46	0.00	0.00	72.58	116.23	47.91	102.37	183.75	0.00	209.87	0.00	60.60	201.36
ENSMUSG00000027801	Tm4sf4	77.56	0.00	0.00	0.00	0.00	0.00	19.18	0.00	0.00	0.00	59.57	41.74	81.14	91.35	0.00	82.94	0.00	132.84	0.00	72.31	0.00	0.00	170.56	70.71	133.12
ENSMUSG00000027832	Ptx3	11.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	165.73	223.41	55.64	75.69	0.00	52.78	47.74	293.99	7.23	159.93	137.47	0.00	17.40	21.46	0.00
ENSMUSG00000027849	Syt6	106.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	203.92	194.81	159.97	20.88	1063.12	251.66	227.28	307.05	272.19	224.58	119.14	143.86	110.52	136.36	276.31
ENSMUSG00000027855	Sycp1	32.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.74	18.55	6.96	10.44	0.00	111.22	40.47	14.15	0.00	24.67	35.13	0.00	0.00	20.20	0.00
ENSMUSG00000027857	Tshb	58.87	0.00	0.00	0.00	24.55	33.50	9.24	0.00	0.00	0.00	106.92	19.33	155.33	26.10	0.00	279.94	26.98	104.53	0.00	41.68	33.60	0.00	0.00	0.00	0.00
ENSMUSG00000027859	Ngf	23.36	0.00	80.49	35.90	0.00	10.51	42.62	46.51	94.40	0.00	79.43	107.45	23.18	0.00	308.88	111.22	21.79	109.97	145.73	54.44	42.77	0.00	105.30	82.07	99.56
ENSMUSG00000027861	Casq2	61.68	0.00	76.76	0.00	0.00	38.75	55.41	0.00	0.00	121.35	151.22	8.50	64.92	67.86	0.00	242.24	195.11	38.11	0.00	134.41	80.95	0.00	184.49	21.46	49.22
ENSMUSG00000027869	Hsd3b6	60.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.96	398.89	250.39	454.15	357.73	747.44	342.47	386.54	479.34	638.02	379.56	108.32	160.12	65.65	336.72
ENSMUSG00000027870	Hao2	16.82	0.00	0.00	49.01	0.00	0.00	0.00	0.00	0.00	0.00	200.10	13.14	18.55	167.04	0.00	84.83	36.32	43.55	244.49	30.63	33.60	0.85	0.00	102.27	43.63
ENSMUSG00000027871	Hsd3b1	14.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	216.90	112.86	229.52	180.09	416.63	192.28	45.66	290.72	389.01	352.19	68.73	0.00	235.83	99.74	0.00
ENSMUSG00000027875	Hmgcs2	317.73	0.00	0.00	46.94	0.00	13.14	40.49	60.82	0.00	129.88	242.87	512.53	577.28	1226.73	1051.63	973.66	786.65	791.58	382.99	830.28	397.89	388.42	381.16	545.44	156.61
ENSMUSG00000027876	Reg4	97.19	154.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	576.62	750.62	336.17	261.01	1241.27	735.19	453.52	164.41	599.78	438.11	131.36	71.93	253.23	222.22	378.11
ENSMUSG00000027880	Slc25a54	0.00	116.07	0.00	0.00	0.00	21.02	0.00	0.00	0.00	0.00	54.22	31.69	0.00	54.81	0.00	0.00	0.00	0.00	0.00	27.22	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000027894	Slc6a17	147.65	0.00	0.00	110.45	0.00	32.18	0.00	37.92	0.00	0.00	717.91	482.38	482.23	1083.18	124.99	614.54	489.84	597.77	328.79	578.47	290.97	187.02	221.91	178.03	89.49
ENSMUSG00000027895	Kcnc4	34.58	0.00	77.51	73.17	0.00	0.00	0.00	14.31	0.00	0.00	518.57	133.74	141.42	146.16	107.75	192.28	186.80	166.59	168.61	350.49	216.13	68.55	317.63	68.18	109.63
ENSMUSG00000027912	Lce1m	50.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.05	219.54	231.84	237.52	0.00	214.90	120.38	82.75	102.37	464.48	170.31	83.78	0.00	161.61	70.48
ENSMUSG00000027913	Crct1	173.82	37.61	87.20	0.00	0.00	0.00	0.00	22.90	0.00	0.00	534.61	137.60	76.51	114.84	701.09	552.34	447.29	500.87	658.79	615.91	620.12	1091.64	474.27	425.49	357.98
ENSMUSG00000027923	Lce1b	22.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.08	64.16	74.19	7.83	0.00	76.35	0.00	0.00	2.41	26.37	38.19	0.00	0.00	0.00	0.00
ENSMUSG00000027925	Sprr2j-ps	0.00	177.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151.22	40.20	16.23	125.28	0.00	94.26	33.21	0.00	0.00	108.04	0.00	35.54	77.45	79.54	81.66
ENSMUSG00000027966	Col11a1	129.90	0.00	55.15	66.27	46.04	7.22	0.00	0.00	0.00	0.00	462.82	96.63	535.55	148.77	198.26	162.12	336.25	178.57	92.74	204.17	78.66	62.62	59.18	77.02	54.82
ENSMUSG00000027967	Neurog2	72.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.61	85.03	53.32	86.13	231.30	87.66	50.85	136.10	49.38	138.66	103.10	115.93	94.85	75.76	92.85
ENSMUSG00000027977	Ndst3	61.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.75	20.10	4.64	39.15	0.00	86.71	149.44	120.86	0.00	35.73	29.02	0.00	0.00	36.62	0.00
ENSMUSG00000027978	Prss12	14.02	0.00	0.00	0.00	19.03	13.14	0.00	0.00	0.00	44.56	26.73	5.41	0.00	0.00	0.00	0.00	0.00	29.40	0.00	0.00	29.78	0.00	0.00	39.14	0.00
ENSMUSG00000027996	Sfrp2	151.39	0.00	0.00	0.00	0.00	159.60	0.00	0.00	0.00	99.54	82.48	85.03	81.14	65.25	0.00	0.00	67.46	291.81	42.15	52.74	75.61	38.08	93.11	18.94	30.20
ENSMUSG00000028001	Fga	184.10	0.00	71.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	431.51	530.31	384.86	187.92	844.75	1267.73	454.55	492.15	544.38	697.57	307.01	571.21	550.85	108.58	374.76
ENSMUSG00000028004	Npy2r	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.31	0.00	67.31	142.05	110.54	183.15	10.44	257.16	137.61	50.85	33.75	78.28	41.68	15.27	27.08	0.00	49.24	0.00
ENSMUSG00000028005	Gucy1b1	148.59	0.00	108.06	31.75	52.79	44.66	80.98	42.93	0.00	98.59	257.38	225.73	88.10	292.33	176.71	81.06	270.86	322.30	187.88	81.67	146.63	149.78	305.45	68.18	55.93
ENSMUSG00000028011	Tdo2	293.43	0.00	0.00	26.92	77.34	0.00	0.00	0.00	0.00	0.00	1266.26	1124.77	1604.34	981.38	1660.77	1244.17	1077.23	1047.46	1320.00	1455.55	1105.84	470.51	901.55	518.93	427.33
ENSMUSG00000028012	Rrh	12.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.66	69.57	122.88	39.15	396.52	31.10	0.00	0.00	151.75	24.67	0.00	76.16	0.00	0.00	0.00
ENSMUSG00000028017	Egf	118.68	50.51	185.57	44.18	45.42	0.66	0.00	0.00	72.26	75.84	104.63	126.78	278.21	276.67	0.00	104.62	73.68	77.31	90.33	252.66	252.02	282.64	53.95	130.05	95.09
ENSMUSG00000028031	Dkk2	179.42	0.00	63.35	0.00	0.00	52.54	63.93	17.89	0.00	0.00	720.96	642.40	461.36	532.45	283.02	823.79	709.85	887.40	862.33	809.01	459.75	330.88	480.36	402.77	550.39
ENSMUSG00000028033	Kcnq5	85.04	0.00	80.49	56.60	23.33	60.43	0.00	20.75	0.00	81.53	77.90	98.18	224.89	39.15	0.00	112.16	119.35	223.21	54.20	75.71	111.50	0.00	0.00	111.11	16.78
ENSMUSG00000028037	Ifi44	1602.66	2304.17	2764.16	2748.77	3396.93	5500.69	4068.38	4037.86	5365.67	5867.23	732.42	312.31	489.18	433.27	479.84	920.87	705.70	508.49	475.73	222.03	1990.20	1946.34	1569.01	2201.96	3132.29
ENSMUSG00000028072	Ntrk1	346.70	88.13	310.03	300.97	371.37	643.01	624.43	211.80	502.30	186.76	222.25	115.18	317.62	490.69	0.00	306.33	281.24	356.05	546.79	327.52	365.05	151.48	133.14	89.64	162.21
ENSMUSG00000028111	Ctsk	38.31	108.55	0.00	146.34	17.19	0.66	36.23	25.76	64.10	0.00	187.88	344.00	602.79	294.94	1206.79	722.94	445.21	368.03	614.23	512.97	372.69	174.32	435.11	357.31	666.73
ENSMUSG00000028139	Riiad1	22.43	279.42	34.28	83.53	39.90	0.00	21.31	22.90	0.00	0.00	76.37	81.94	32.46	13.05	109.19	247.89	126.61	235.19	143.32	257.76	145.87	122.70	234.96	229.79	191.29
ENSMUSG00000028141	Oaz3	25.23	0.00	37.26	0.00	0.00	23.64	0.00	0.00	0.00	0.00	0.00	6.18	27.82	41.76	0.00	71.63	38.40	118.68	75.88	8.51	64.15	38.08	0.00	61.87	0.00
ENSMUSG00000028148	Them5	94.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	196.28	163.11	55.64	18.27	462.60	224.33	159.82	352.78	239.67	243.30	128.30	229.33	48.73	78.28	80.54
ENSMUSG00000028167	Bdh2	19.62	0.00	0.00	0.00	0.00	0.00	0.00	5.72	0.00	0.00	0.00	107.45	32.46	169.65	79.02	148.92	91.33	27.22	74.67	59.55	0.00	154.01	36.55	93.43	83.90
ENSMUSG00000028172	Tacr3	9.34	0.00	7.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	212.32	23.96	30.14	0.00	0.00	50.90	18.68	23.95	0.00	33.18	17.57	211.56	0.00	0.00	45.87
ENSMUSG00000028174	Rpe65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.70	0.00	0.00	26.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.32
ENSMUSG00000028186	Uox	56.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.40	12.22	269.02	285.16	211.42	0.00	260.14	174.35	194.90	207.15	267.97	91.64	144.71	281.08	26.51	29.09
ENSMUSG00000028197	Col24a1	93.45	0.00	0.00	13.81	0.00	55.17	0.00	15.03	0.00	14.22	165.73	83.49	243.43	0.00	356.29	142.33	157.74	180.75	273.39	159.08	145.10	0.00	0.00	15.15	98.44
ENSMUSG00000028222	Calb1	296.24	0.00	38.01	37.28	41.74	18.39	0.00	0.00	0.00	0.00	445.25	231.91	651.47	1020.53	1012.84	541.97	910.15	762.19	1344.08	964.69	690.39	531.44	727.51	226.00	559.34
ENSMUSG00000028226	Mmp16	35.51	0.00	0.00	0.00	0.00	15.76	0.00	0.00	0.00	0.00	32.08	23.19	64.92	0.00	0.00	52.78	47.74	79.49	0.00	12.76	0.00	0.00	60.05	1.26	1.12
ENSMUSG00000028236	Sdr16c5	25.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.83	0.00	43.29	0.00	0.00	163.78	0.00	102.74	20.69	22.88	4.25	298.61	78.70	75.71	6.31	123.05
ENSMUSG00000028238	Atp6v0d2	14.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	310.07	106.68	4.64	49.59	613.45	219.61	309.26	66.42	204.74	53.59	36.66	14.39	0.00	21.46	42.51
ENSMUSG00000028255	Clca1	435.48	168.73	20.12	80.77	76.73	84.73	90.22	95.88	0.00	404.80	834.76	711.20	250.39	746.48	206.88	794.57	1531.78	1810.74	1688.54	1806.88	2554.58	1691.63	1599.47	2854.72	3596.54
ENSMUSG00000028259	Fhl5	41.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.78	0.00	29.40	0.00	0.00	0.00	0.00	0.00	42.93	0.00
ENSMUSG00000028280	Gabrr1	0.00	0.00	10.43	15.19	0.00	0.00	0.00	0.00	0.00	0.00	53.46	119.05	88.10	78.30	597.65	173.43	46.70	154.61	133.69	72.31	54.22	101.55	55.69	29.04	0.00
ENSMUSG00000028294	Cfap206	22.43	0.00	76.76	0.00	0.00	74.88	64.65	22.18	0.00	65.41	109.21	17.78	81.14	33.93	0.00	89.54	554.18	535.71	187.88	616.76	57.28	308.88	243.66	502.51	116.34
ENSMUSG00000028298	Cga	39.25	0.00	35.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.55	195.58	157.65	159.21	797.34	246.01	99.63	49.00	16.86	34.88	0.00	32.16	0.00	60.60	140.95
ENSMUSG00000028307	Aldob	553.22	165.50	0.00	0.69	0.00	0.00	0.71	0.00	0.00	215.20	1205.16	1527.53	1497.69	1393.77	902.22	2154.68	1260.92	1087.75	405.87	979.15	967.61	309.72	1025.99	588.37	375.88

ENSMUSG00000028310	Ppp3r2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.96	0.00	147.98	70.69	74.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000028314	Toporsl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.26	0.00	0.00	0.00	0.00	0.00	50.09	0.00	21.27	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000028332	Hemgn	187.83	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	333.75	136.06	357.04	206.19	370.66	331.78	122.46	128.48	179.45	272.22	42.00	93.93	105.30	215.90	165.56
ENSMUSG00000028356	Ambp	140.17	0.00	0.00	26.23	0.00	0.00	0.00	10.02	0.00	0.00	374.99	248.15	252.71	133.11	1257.07	361.00	399.55	231.92	374.56	361.55	215.36	189.56	277.60	272.72	138.72
ENSMUSG00000028357	Kif12	546.68	0.00	0.00	85.60	152.84	0.00	31.26	0.00	0.00	0.00	1300.63	855.76	755.80	673.40	2109.00	1284.70	809.48	631.53	714.20	1110.16	711.77	549.21	631.78	631.30	391.54
ENSMUSG00000028359	Orm3	52.33	0.00	0.00	0.00	0.00	0.00	80.98	0.00	0.00	0.00	15.27	0.00	2.32	0.00	140.79	0.94	47.74	32.67	161.39	85.92	91.64	90.55	0.00	0.00	31.32
ENSMUSG00000028362	Tnfsf8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	210.79	259.74	11.59	247.96	216.93	51.84	285.39	137.19	142.12	171.84	0.00	79.55	0.00	2.53	110.75
ENSMUSG00000028369	Svep1	87.84	0.00	46.95	0.00	0.00	45.32	0.00	0.00	0.00	0.00	61.10	81.94	118.24	169.65	0.00	205.48	272.94	218.86	97.55	101.23	43.53	185.33	101.82	89.64	0.00
ENSMUSG00000028415	Spink4	39.25	0.00	0.00	0.00	0.00	45.32	0.00	0.00	0.00	0.00	206.21	139.15	23.18	28.71	24.42	325.18	264.64	137.19	243.28	186.30	415.45	561.05	333.29	353.53	202.48
ENSMUSG00000028427	Aqp7	70.09	61.26	0.00	0.00	28.85	0.00	0.00	0.00	40.79	58.78	58.81	0.00	136.79	28.71	455.42	305.39	96.51	251.52	219.20	88.47	0.76	0.00	76.58	167.92	45.87
ENSMUSG00000028441	1110017D1	17.76	0.00	0.00	0.00	0.00	0.00	0.00	30.77	0.00	38.87	189.40	100.50	115.92	153.99	288.77	156.46	247.00	212.32	113.21	119.10	198.56	102.39	115.74	141.41	48.10
ENSMUSG00000028524	Sgip1	43.92	0.00	64.09	0.00	0.00	41.38	67.49	31.48	0.00	0.00	127.54	34.01	85.78	0.00	169.52	61.27	157.74	77.31	60.22	5.10	178.71	224.25	0.00	0.00	60.41
ENSMUSG00000028584	Lrrc38	0.00	0.00	62.60	0.00	0.00	0.00	0.71	0.00	0.00	0.00	6.87	22.42	4.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.18	0.00	0.00
ENSMUSG00000028589	1700012P2	20.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.28	0.00	0.00	0.00	0.00	94.26	8.30	16.33	101.17	47.64	32.84	0.00	28.72	0.00	14.54
ENSMUSG00000028600	Podn	199.98	32.24	80.49	80.77	71.82	97.21	0.00	106.62	124.70	162.11	127.54	330.86	208.66	135.72	132.17	311.99	204.45	149.17	387.81	200.76	51.93	84.62	144.46	222.22	143.19
ENSMUSG00000028610	Dmrtb1	4.67	147.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.01	107.45	197.06	133.11	0.00	41.47	234.54	59.89	105.99	45.94	117.61	73.62	26.11	65.65	0.00
ENSMUSG00000028631	Kcnq4	341.09	78.45	461.31	156.01	419.86	70.93	110.11	33.63	13.99	0.00	182.53	199.44	64.92	73.08	0.00	375.14	481.54	501.95	464.89	450.02	288.68	44.00	114.87	515.14	40.27
ENSMUSG00000028635	Edn2	52.33	0.00	42.48	0.00	0.00	77.50	67.49	30.77	4.66	0.00	220.72	275.20	78.83	268.84	466.91	260.14	241.81	129.57	358.90	103.79	51.93	0.00	51.34	88.38	98.44
ENSMUSG00000028637	Ccdc30	195.31	91.35	52.91	62.82	163.28	7.22	107.98	202.50	0.00	156.42	101.58	75.76	178.52	7.83	258.60	124.42	406.82	169.86	146.93	310.50	532.30	37.23	115.74	362.36	177.87
ENSMUSG00000028713	Cyp4b1	88.78	0.00	27.57	21.40	0.00	0.00	0.00	15.03	0.00	75.84	71.03	37.88	64.92	93.96	0.00	78.23	102.74	0.00	22.88	86.77	58.04	44.00	61.79	107.32	0.00
ENSMUSG00000028715	Cyp4a14	58.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.20	76.53	64.92	39.15	0.00	264.86	84.06	20.69	0.00	59.55	135.17	0.00	0.00	15.15	189.06
ENSMUSG00000028717	Tal1	53.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.56	204.68	275.20	113.60	164.43	669.48	311.99	31.13	133.93	75.88	110.59	135.17	43.16	277.60	47.98	55.93
ENSMUSG00000028730	Cfap57	36.45	0.00	0.00	0.00	0.00	28.90	0.00	0.00	0.00	96.70	32.84	39.43	20.87	13.05	0.00	22.62	113.12	177.48	270.98	75.71	180.23	130.32	236.70	25.25	89.49
ENSMUSG00000028736	Pax7	128.96	0.00	20.12	0.00	0.00	0.00	0.00	0.00	0.00	37.92	766.02	677.18	264.30	537.67	703.96	742.73	557.30	449.69	199.93	266.27	174.89	223.41	572.61	321.96	446.35
ENSMUSG00000028750	Pla2g2c	15.89	173.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.43	22.42	34.78	0.00	0.00	49.96	11.42	53.35	0.00	130.16	0.00	32.16	0.00	8.84	0.00
ENSMUSG00000028751	Pla2g2e	89.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.84	107.69	116.73	67.23	78.30	0.00	0.94	206.52	161.15	485.36	144.62	289.44	60.93	27.85	68.18	171.16
ENSMUSG00000028755	Cda	34.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.35	13.91	60.03	0.00	50.90	45.66	58.80	0.00	0.00	60.33	0.00	0.00	31.56	0.00
ENSMUSG00000028766	Alpl	555.09	293.39	0.00	0.00	0.00	6.57	105.14	1.43	0.00	0.00	1761.16	1680.59	1940.51	1320.69	1634.91	1872.85	1558.77	1461.22	1472.95	1885.15	736.21	1702.63	834.54	785.33	559.34
ENSMUSG00000028785	Hpca	173.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	564.40	741.35	614.38	683.84	1239.83	872.80	505.41	368.03	215.58	722.24	357.41	293.64	99.21	297.97	268.48
ENSMUSG00000028786	Tmem54	228.02	0.00	0.00	55.22	46.04	91.29	103.01	11.45	0.00	46.45	354.37	277.52	224.89	315.82	377.84	195.11	811.56	429.00	528.72	437.26	381.09	533.13	665.72	575.74	159.97
ENSMUSG00000028801	Stpg1	48.59	0.00	0.00	80.07	13.50	0.00	0.00	75.13	57.11	28.44	48.11	117.50	111.28	138.33	0.00	113.11	104.82	95.82	51.79	113.99	154.27	0.00	43.51	188.13	70.48
ENSMUSG00000028825	Rhd	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.71	56.43	71.87	60.03	0.00	38.64	1.04	52.26	191.50	96.13	60.33	0.00	0.00	12.63	0.00
ENSMUSG00000028859	Csf3r	51.40	0.00	0.00	0.00	33.15	0.00	0.00	10.73	0.00	0.00	21.38	235.00	129.83	101.79	0.00	55.61	12.45	81.66	0.00	148.02	23.67	106.63	103.56	51.77	0.00
ENSMUSG00000028862	Map3k6	185.03	0.00	37.26	37.97	125.22	164.20	242.95	233.27	185.30	166.85	659.86	262.83	324.58	485.47	682.41	266.74	825.05	449.69	629.89	689.07	736.97	376.58	383.77	409.08	360.21
ENSMUSG00000028865	Cd164l2	14.95	0.00	23.85	0.00	0.00	0.00	0.00	38.64	0.00	45.50	267.31	87.35	150.70	96.57	0.00	52.78	108.97	253.70	358.90	294.34	206.20	226.79	0.00	47.98	0.00
ENSMUSG00000028871	Rspo1	16.82	0.00	0.00	0.00	7.37	45.32	0.00	12.16	0.00	0.00	132.13	93.54	136.79	258.40	0.00	282.77	132.84	15.24	55.40	191.41	77.13	142.17	114.00	108.58	83.90
ENSMUSG00000028874	Fgr	165.41	0.00	0.00	24.16	36.83	57.14	45.46	0.00	99.06	0.00	194.75	187.85	139.10	224.47	624.94	255.43	284.36	170.95	199.93	298.60	517.79	462.04	679.64	373.73	192.41
ENSMUSG00000028876	Epha10	96.25	0.00	64.09	40.04	1.84	28.24	0.00	0.00	0.00	157.37	210.03	125.23	99.69	96.57	1.44	32.99	105.86	222.12	131.28	84.22	44.29	0.00	62.66	0.00	89.49
ENSMUSG00000028931	Kcnab2	225.21	0.00	35.03	50.39	58.31	112.97	66.07	72.99	0.00	94.80	248.98	118.28	178.52	80.91	124.99	81.06	224.16	258.05	180.66	292.64	223.00	338.49	348.09	156.56	45.87
ENSMUSG00000028938	Galntl5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.77	0.00	0.00	7.83	0.00	0.00	0.00	0.00	28.91	0.00	0.00	0.00	88.76	0.00	0.00
ENSMUSG00000028963	Uts2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.15	78.85	6.96	133.11	0.00	0.00	0.00	98.00	0.00	66.35	0.00	109.16	0.00	0.00	31.32
ENSMUSG00000028972	Car6	42.99	33.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	543.77	633.89	521.64	571.60	676.66	880.34	336.25	614.10	358.90	749.47	387.96	433.27	367.23	159.09	447.47
ENSMUSG00000028976	Slc2a5	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	111.32	41.73	33.93	0.00	98.03	190.95	47.91	0.00	31.48	125.25	0.00	93.98	0.00	0.00
ENSMUSG00000028996	Rbp7	42.05	138.64	0.00	0.00	0.00	0.00	95.19	24.33	0.00	0.00	161.15	145.33	85.78	138.33	781.54	345.92	305.11	238.46	19.27	262.02	165.72	185.33	261.07	59.34	90.61
ENSMUSG00000029019	Nppb	57.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131.36	204.86	20.87	65.25	183.89	214.90	248.03	164.41	255.33	213.53	135.17	32.16	0.00	74.49	182.34
ENSMUSG00000029095	Ablim2	229.89	0.00	72.29	44.87	55.24	0.00	0.00	0.00	0.00	0.00	407.07	253.56	162.29	435.88	145.10	513.69	739.95	363.67	924.96	763.93	543.75	414.66	272.38	342.16	40.27
ENSMUSG00000029120	Ppp2r2c	42.99	0.00	0.00	21.40	34.99	0.00	0.00	0.00	0.00	0.00	54.99	238.87	148.38	46.98	0.00	186.63	72.65	57.71	61.42	75.71	138.23	145.55	114.87	65.65	116.34
ENSMUSG00000029121	Crmp1	210.26	0.00	0.00	0.00	47.88	0.00	0.00	0.00	0.00	0.00	696.52	657.08	503.09	422.83	1228.34	742.73	580.13	458.40	380.58	496.81	291.73	401.96	243.66	243.68	204.72
ENSMUSG00000029151	Slc30a3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.33	126.78	11.59	112.23	186.76	135.73	66.42	81.66	501.02	34.88	42.00	65.16	60.05	122.47	17.90
ENSMUSG00000029155	Spata18	85.97	0.00	0.00	0.00	22.71	42.69	0.00	0.00	0.00	0.00	85.54	41.74	0.00	62.64	0.00	44.30	140.10	54.44	195.11	311.36	130.59	154.01	246.27	162.87	144.31
ENSMUSG00000029158	Yipf7	0.00	0.00	64.09	0.00	0.00	44.01	0.00	0.00	0.00	0.00	0.00	0.00	74.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.36	0.00
ENSMUSG00000029161	Cgref1	5.61	0.00	0.00	0.00	24.55	0.00	0.00	7.87	0.00	0.00	150.45	27.06	0.00	46.98	0.00	0.00	37.36	0.00	69.85	74.86	152.74	74.47	307.19	6.31	80.54
ENSMUSG00000029182	1700001C(	0.00	0.00	0.00	0.00	0.00	17.73	0.00	0.00	0.00	0.00	0.00	0.00	13.91	0.00	0.00	0.00	37.36	0.00	0.00	51.89	21.38	0.00	0.00	37.88	0.00
ENSMUSG00000029193	Cckar	44.86	121.44	0.00	0.00	0.00	9.20	0.00	0.00	0.00	0.00	149.69	159.25	155.33	161.82	0.00	214.90	133.88	67.51	112.01	176.09	136.70	214.94	189.71	71.97	0.00
ENSMUSG00000029195	Klb	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.99	0.00	0.00	239.92	66.92	25.94	65.33	0.00	54.44	80.19	0.00	0.00	31.56	0.00
ENSMUSG00000029236	Nmu	0.00	0.00	76.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.42	0.00	0.00	170.96	30.16	38.40	66.42	0.00	34.03	0.00	96.47	0.00	21.46	50.34
ENSMUSG00000029255	Gnrhr	42.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.10	0.00	23.49	0.00	0.00	0.00	0.00	0.00	22.12	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000029260	Ugt2b34	143.91	0.00	0.00	0.00	0.00	0.00	0.00	22.18	0.00	0.00	345.21	221.09	273.57	255.79	189.64	387.39	314.45	160.06	563.65	557.21	1305.16	720.99	484.71	671.70	627.58
ENSMUSG00000029269	Sult1b1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.93	0.00	0.00	0.00	0.00	28.28	0.00	0.00	0.00	27.22	0.00	66.85	0.00	236.11	0.00
ENSMUSG00000029272	Sult1e1	47.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.91	0.00	155.80	172.39	456.73	107.01	788.72	159.29	141.14	138.28	266.17	80.82	13.75	76.16	161.86	69.44	45.87
ENSMUSG00000029280	Smr3a	21.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.27	0.00	0.00	0.00	0.00	0.00	61.42	0.00	24.44	0.00	17.40	0.00	50.34
ENSMUSG00000029281	Smr2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.24	9.27	0.00	0.00	23.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000029306	Ibsp	128.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	365.83	668.68	714.07	428.05	777.23	683.35	423.42	244.99	497.41	481.50	180.23	115.93	179.27	155.30	67.12
ENSMUSG00000029307	Dmp1	9.34	0.00	29.81	46.94	0.00	2.63	0.00	0.00	0.00	0.00	0.00	40.97	9.27	26.10	0.00	66.92	51.89	0.00	66.24	56.15	31.31	59.24	0.00	0.00	0.00
ENSMUSG00000029343	Crybb1	48.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	317.71	149.97	178.52	18.27	395.08	198.88	228.31	150.26	374.56	279.03	75.61	184.48	159.25	147.72	0.00
ENSMUSG00000029361	Nos1	779.37	123.59	1167.82	1323.99	987.04	1697.82	1480.45	1354.54	3227.09	3027.94	580.43	405.85	359.35	882.20	284.46	694.66	518.90	339.72	408.28	210.12	676.64	507.74	405.52	970.93	1180.20
ENSMUSG00000029368	Alb	202.79	124.67	0.00	0.00	45.42	47.95	0.00	0.00	0.00	0.00	714.85	632.35	867.09	318.43	317.50	543.85	372.57	296.16	513.06	838.79	928.66	510.28	633.52	184.34	345.67
ENSMUSG00000029371	Cxcl5	22.43	0.00	0.00	0.00	0.00	26.93	67.49	70.84	0.00	66.36	135.94	29.38	194.75	0.00	0.00	138.56	86.14	177.48	0.00	103.79	388.72	691.37	600.45	463.37	174.51
ENSMUSG00000029372	Ppbp	25.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151.98	132.19	292.12	250.57	337.61	150.81	22.83	131.75	251.71	165.04	76.37	544.98	56.56	37.88	48.10
ENSMUSG00000029375	Cxcl15	13.08	1.07	0.00	0.00	0.00	16.42	56.12	67.26	0.00	90.06	61.86	17.01	146.06	2.61	0.00	78.23	89.25	3.27	34.93	153.98	15.27	116.78	244.53	94.69	126.41
ENSMUSG00000029377	Ereg	59.81	214.94	0.00	0.00	0.00	0.00	0.00	15.03	0.00	0.00	329.17	218.77	34.78	451.54	179.58	170.60	547.96	128.48	116.82	258.61	21.38	159.94	191.45	128.78	0.00
ENSMUSG00000029378	Mcub	171.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	249.74	203.31	440.50	247.96	218.37	340.26	155.67	261.32	321.57	153.13	264.24	253.87	191.45	98.48	221.50
ENSMUSG00000029379	Cxcl3	221.48	0.00	0.00	0.00	0.00	20.36	161.97	16.46	0.00	0.00	391.79	194.03	257.34	88.74	0.00	309.16	359.08	308.14	277.01	468.73	1004.27	1027.33	791.90	537.86	628.70
ENSMUSG00000029423	Piwil1	28.03	0.00	49.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.02	126.78	20.87	93.96	0.00	0.00	69.53	167.68	38.54	57.85	71.02	0.00	0.00	26.51	0.00
ENSMUSG00000029437	Il31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183.21	55.64	57.42	0.00	351.57	44.63	111.06	139.71	54.44	151.21	0.00	49.60	0.00	45.87
ENSMUSG00000029442	Wdr66	46.72	1.07	0.00	0.00	9.82	0.00	55.41	17.89	278.54	56.88	29.79	107.45	187.79	5.22	428.12	252.60	244.92	216.68	248.10	353.04	252.78	0.00	337.65	150.25	114.10
ENSMUSG00000029445	Hpd	8.41	0.00	0.00	17.26	0.00	0.00	0.00	0.00	0.00	0.00	109.21	103.59	333.85	187.92	1053.07	80.12	159.82	323.38	0.00	254.36	53.46	175.17	41.77	132.57	0.00
ENSMUSG00000029452	Tmem116	85.04	0.00	31.30	0.00	111.72	0.00	0.00	32.92	93.23	0.00	248.21	159.25	90.42	114.84	0.00	114.99	157.74	70.77	610.62	142.92	69.50	173.48	35.68	78.28	0.00
ENSMUSG00000029477	Morn3	48.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.03	0.00	0.00	15.66	0.00	22.62	0.00	0.00	67.45	31.48	47.35	28.77	0.00	111.11	0.00
ENSMUSG00000029491	Pde6b	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	202.39	72.67	6.96	46.98	0.00	118.76	30.10	38.11	0.00	91.88	0.00	117.63	97.46	114.90	117.46
ENSMUSG00000029503	P2rx2	96.25	95.65	0.00	0.00	77.34	21.67	31.97	28.62	48.95	237.00	151.98	389.61	166.93	451.54	129.30	537.26	460.78	283.10	286.64	259.46	465.86	437.50	343.74	374.99	523.54
ENSMUSG00000029522	Pla2g1b	370.06	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.00	0.00	488.79	635.44	558.74	302.77	383.59	832.27	600.88	905.91	285.44	866.86	341.37	246.25	243.66	84.59	232.68
ENSMUSG00000029544	Cabp1	142.98	74.15	0.00	0.00	27.01	0.00	0.00	0.00	0.00	48.35	208.50	82.72	71.87	185.31	191.07	210.19	203.41	254.79	0.00	115.69	40.48	192.10	0.00	236.11	31.32
ENSMUSG00000029546	Uncx	82.24	49.44	53.66	41.42	0.00	0.00	0.00	0.00	0.00	0.00	796.57	643.17	700.16	378.46	397.95	637.17	297.85	221.03	323.98	273.07	248.97	82.08	362.01	0.00	79.43
ENSMUSG00000029570	Lfng	284.09	0.00	23.85	150.49	47.26	123.48	31.26	55.81	0.00	162.11	476.57	412.03	424.27	258.40	0.00	223.39	473.23	341.89	708.17	314.76	290.21	242.02	361.14	579.53	387.06
ENSMUSG00000029576	Radil	67.28	0.00	41.73	0.00	29.46	11.17	35.52	19.32	0.00	83.42	177.95	299.94	306.03	148.77	583.28	294.08	233.50	138.28	140.91	290.94	116.85	221.71	265.42	142.67	115.22
ENSMUSG00000029608	Rph3a	171.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.57	0.00	696.52	736.71	925.05	722.99	1433.78	772.89	535.50	979.95	328.79	353.89	206.96	280.95	83.54	190.65	337.84
ENSMUSG00000029620	1700018F2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.40	0.00	0.00	52.20	0.00	12.25	14.53	23.95	0.00	85.92	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000029630	Cyp3a25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32	31.32	0.00	30.16	0.00	195.99	0.00	27.22	18.33	0.00	21.76	88.38	0.00
ENSMUSG00000029644	Pdx1	28.97	0.00	0.00	0.00	18.41	0.00	0.00	0.00	0.00	0.00	19.09	17.01	32.46	26.10	308.88	147.98	0.00	28.31	52.99	27.22	84.01	0.00	0.00	0.00	0.00
ENSMUSG00000029646	Cdx2	42.05	0.00	0.00	12.43	22.10	0.00	0.00	0.00	0.00	54.04	228.35	326.22	282.85	339.31	140.79	243.18	141.14	311.41	108.39	165.04	239.80	39.77	225.39	56.82	85.02
ENSMUSG00000029656	C8b	21.49	63.41	0.00	0.00	0.00	19.70	0.00	0.00	0.00	0.00	158.86	74.98	55.64	161.82	738.44	237.52	213.79	10.89	140.91	199.91	0.00	0.00	31.33	37.88	130.89
ENSMUSG00000029658	Wdr95	26.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.48	81.14	23.49	283.02	39.59	88.21	0.00	0.00	158.23	109.21	53.31	3.48	18.94	0.00
ENSMUSG00000029663	Gngt1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.14	0.00	7.83	0.00	63.15	36.32	52.26	0.00	17.01	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000029664	Tfpi2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.14	29.38	32.46	39.15	0.00	70.69	0.00	35.93	0.00	34.03	0.00	0.00	108.78	0.00	26.85
ENSMUSG00000029671	Wnt16	13.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.55	11.98	0.00	0.00	51.93	0.00	0.00	0.00	0.00
ENSMUSG00000029675	Eln	6270.48	5760.41	5433.67	6807.73	5919.16	11732.39	6718.84	6505.80	5569.62	6909.09	1829.13	939.24	1040.97	1503.40	2032.86	2697.59	3476.61	5163.27	2331.67	1947.25	4035.39	2713.88	2315.66	7730.86	3411.96
ENSMUSG00000029678	Hyal5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.87	0.00	0.00	21.68	0.00	0.00	0.00	99.53	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000029679	Hyal6	0.00	296.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.33	2.32	5.22	116.37	25.45	88.21	49.00	66.24	38.28	0.00	0.00	126.18	46.72	0.00
ENSMUSG00000029685	Asb15	0.00	9.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.09	41.76	0.00	22.62	0.00	0.00	0.00	48.49	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000029707	Fscn3	0.00	0.00	0.00	36.59	0.00	22.33	0.00	0.00	0.00	0.00	53.46	0.00	0.00	15.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.78	0.00	0.00	39.15
ENSMUSG00000029712	Actl6b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.17	34.01	134.47	0.00	0.00	77.29	14.53	103.44	38.54	57.00	0.00	0.00	0.00	0.00	86.14
ENSMUSG00000029727	Cyp3a13	241.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	302.44	334.73	340.81	208.80	639.31	438.29	625.79	620.64	462.48	521.48	564.37	291.11	462.09	368.68	687.99
ENSMUSG00000029778	Adcyap1r1	293.43	0.00	0.00	20.71	0.00	130.70	0.00	0.00	85.08	30.34	610.98	655.54	846.22	848.27	869.17	525.00	818.82	709.92	582.92	721.39	655.26	255.56	190.58	382.57	213.67
ENSMUSG00000029819	Npy	170.08	361.10	43.97	0.00	0.00	22.99	0.00	0.00	0.00	0.00	866.83	548.86	461.36	292.33	1093.29	556.11	761.74	314.67	474.52	708.63	597.98	431.58	811.92	54.29	152.14
ENSMUSG00000029829	Tmem213	6.54	0.00	0.00	0.00	0.00	40.72	0.00	20.04	0.00	0.00	0.00	10.82	4.64	143.55	0.00	35.82	2.08	0.00	132.48	51.04	0.00	0.00	174.04	0.00	0.00
ENSMUSG00000029843	Slc13a4	94.38	0.00	32.05	31.06	0.00	0.00	0.00	0.00	173.65	0.00	201.62	199.44	236.48	39.15	120.68	141.38	93.40	119.77	95.15	181.20	132.12	0.00	0.00	85.86	0.00
ENSMUSG00000029861	Fam131b	42.05	0.00	0.00	0.00	25.17	13.79	0.00	0.00	0.00	0.00	44.30	42.52	132.15	96.57	0.00	86.71	87.17	70.77	0.00	96.98	0.00	0.00	74.84	30.30	4.47
ENSMUSG00000029865	Sval1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106.16	68.80	0.00	65.25	0.00	68.81	154.63	82.75	0.00	68.91	58.80	0.00	39.16	0.00	62.65
ENSMUSG00000029866	Kel	129.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	645.35	227.27	431.22	255.79	405.14	255.43	404.74	443.16	385.40	434.71	384.14	159.09	375.94	55.55	71.60
ENSMUSG00000029868	Trpv6	74.76	368.62	185.57	0.00	55.24	155.00	0.00	4.29	113.05	0.00	56.52	90.45	106.65	70.47	439.62	172.49	159.82	221.03	96.35	117.40	61.86	132.86	220.17	280.30	64.88
ENSMUSG00000029869	Ephb6	951.32	1228.39	784.76	1160.39	1513.09	1207.20	1260.23	1659.36	1952.10	1232.41	431.51	414.35	299.07	501.13	563.17	358.17	1356.40	881.96	599.78	786.90	1031.76	856.39	565.64	1170.42	416.15
ENSMUSG00000029882	2210010C(	43.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139.00	54.89	48.69	7.83	0.00	130.07	0.00	50.09	104.78	30.63	23.67	0.00	0.00	59.34	29.09
ENSMUSG00000029909	Prss37	0.00	56.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.08	67.25	162.29	112.23	44.54	79.17	169.16	91.46	0.00	67.21	256.60	32.16	0.00	79.54	124.17
ENSMUSG00000029915	Clec5a	18.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.51	132.19	48.69	49.59	35.92	159.29	42.55	62.06	54.20	95.28	0.00	100.70	0.00	25.25	194.65
ENSMUSG00000029925	Tbxas1	0.00	0.00	39.50	81.46	6.14	0.00	0.00	0.00	0.00	0.00	139.00	24.74	92.74	109.62	436.74	146.10	34.25	44.64	269.78	108.89	57.28	0.00	0.00	34.09	101.80
ENSMUSG00000030004	Nat8	101.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.96	18.55	4.64	5.22	0.00	27.33	105.86	55.53	155.36	130.16	0.00	97.32	53.08	21.46	0.00
ENSMUSG00000030017	Reg3g	3016.56	1512.11	774.32	543.96	917.06	2114.89	1450.61	1906.23	1464.95	3625.19	6759.76	7733.49	5856.30	5473.30	14317.67	9322.79	9561.20	8227.26	10517.82	11980.39	20926.92	19007.31	18382.57	17911.16	17591.18
ENSMUSG00000030030	1700003E1	33.64	0.00	80.49	0.00	34.37	0.00	54.70	6.44	74.59	0.00	55.75	70.35	20.87	7.83	0.00	123.47	285.39	357.14	68.65	258.61	35.13	255.56	107.04	97.22	33.56
ENSMUSG00000030046	Bmp10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.05	0.00	0.00	22.15	14.69	245.75	0.00	0.00	103.68	101.70	63.15	0.00	38.28	66.44	0.00	0.00	42.93	90.61
ENSMUSG00000030048	Gkn3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.30	159.25	9.27	5.22	181.02	93.31	1.04	0.00	99.96	97.83	38.19	74.47	60.92	0.00	126.41
ENSMUSG00000030049	Gkn2	57.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	146.64	182.44	208.66	388.90	481.28	425.09	253.22	226.48	496.20	164.18	113.79	172.63	42.64	229.79	294.21
ENSMUSG00000030050	Gkn1	183.16	0.00	0.00	22.78	0.00	0.00	0.00	0.00	0.00	0.00	342.15	238.87	366.31	130.50	719.76	368.54	330.02	191.64	196.31	498.51	227.58	222.56	464.70	381.30	142.07
ENSMUSG00000030054	Gp9	147.65	0.00	0.00	0.00	27.62	0.00	0.00	0.00	0.00	0.00	118.38	171.61	229.52	182.70	225.55	173.43	151.52	120.86	8.43	113.14	84.01	44.00	122.70	54.29	89.49
ENSMUSG00000030069	Prok2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.91	88.13	11.59	65.25	0.00	35.82	76.80	104.53	145.73	143.77	0.00	63.47	0.00	23.99	0.00
ENSMUSG00000030075	Cntn3	27.10	0.00	0.00	0.00	20.87	0.00	73.88	0.00	0.00	0.00	88.59	31.69	111.28	70.47	0.00	32.99	4.15	53.35	0.00	89.32	0.00	0.00	94.85	22.73	0.00
ENSMUSG00000030092	Cntn6	0.00	87.05	0.00	0.00	0.00	0.00	0.00	0.00	92.07	0.00	158.09	44.84	0.00	23.49	0.00	0.00	0.00	34.84	0.00	65.50	0.00	43.16	0.00	34.09	98.44
ENSMUSG00000030093	Wnt7a	47.66	0.00	26.83	0.00	44.20	0.00	0.00	29.34	0.00	0.00	491.08	74.21	27.82	185.31	376.40	57.50	97.55	165.50	118.03	153.98	170.31	144.71	111.39	40.40	0.00
ENSMUSG00000030098	Grip2	180.36	0.00	0.00	0.00	17.80	84.73	0.00	2.86	0.00	0.00	766.02	402.75	224.89	229.69	188.20	289.36	352.85	250.43	296.28	376.01	471.97	441.74	295.88	145.20	15.66
ENSMUSG00000030108	Slc6a13	93.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.02	395.02	350.08	253.18	589.03	165.89	204.45	394.16	413.10	282.43	118.37	359.65	179.27	207.07	166.68
ENSMUSG00000030109	Slc6a12	50.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.17	170.07	162.29	91.35	0.00	108.39	21.79	165.50	18.07	136.96	97.75	0.00	0.00	12.63	0.00
ENSMUSG00000030117	Gdf3	152.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	724.01	1028.14	605.10	973.55	803.09	1243.23	804.29	484.53	928.57	684.81	602.56	476.43	535.19	535.34	293.09
ENSMUSG00000030125	Lrrc23	188.77	35.47	0.00	14.50	0.00	66.99	78.85	57.96	0.00	74.89	216.14	300.71	231.84	161.82	887.85	503.32	2734.59	1928.33	2154.63	2668.64	504.04	531.44	576.96	1020.18	799.85
ENSMUSG00000030131	Mug2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.81	0.00	113.60	5.22	0.00	49.01	0.00	31.58	128.87	127.60	0.00	0.00	0.00	27.78	0.00
ENSMUSG00000030149	Klrk1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.06	92.74	18.27	0.00	0.00	0.00	0.00	0.00	27.22	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000030159	Clec1b	115.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	367.35	329.32	27.82	378.46	425.25	301.62	105.86	109.97	87.92	199.06	67.21	49.93	88.76	45.45	234.92
ENSMUSG00000030160	Tmem52b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.56	48.69	15.66	0.00	109.34	47.74	0.00	32.52	74.01	0.00	0.00	0.00	0.00	49.22
ENSMUSG00000030162	Olr1	106.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.06	210.03	112.86	259.66	26.10	675.23	175.31	61.23	56.62	255.33	97.83	188.63	136.24	0.00	155.30	42.51
ENSMUSG00000030167	Klrc1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	38.64	0.00	25.04	0.00	0.00	0.00	30.46	0.00	0.00	0.00
ENSMUSG00000030170	Wnt5b	3.74	64.48	86.45	14.50	23.94	77.50	201.75	74.42	0.00	26.54	0.00	96.63	60.28	44.37	0.00	20.74	106.89	38.11	109.60	184.60	0.00	18.62	60.92	21.46	126.41
ENSMUSG00000030206	Gsg1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131.36	88.90	34.78	57.42	0.00	57.50	53.97	92.55	91.53	75.71	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000030217	Art4	391.55	977.98	699.80	985.75	675.21	1092.91	1290.06	767.79	1066.37	1549.05	168.78	75.76	48.69	112.23	0.00	216.79	142.18	70.77	0.00	104.64	342.90	140.48	0.00	309.34	771.89
ENSMUSG00000030219	Erp27	88.78	0.00	24.59	0.00	41.13	47.29	34.81	16.46	0.00	0.00	130.60	95.86	78.83	28.71	0.00	119.70	152.56	0.00	48.18	127.60	67.21	0.00	73.10	0.00	225.97
ENSMUSG00000030222	Rerg	77.56	0.00	0.00	0.00	0.00	21.02	0.00	22.90	0.00	145.05	122.20	81.17	111.28	54.81	369.22	167.77	63.31	28.31	116.82	212.67	32.08	110.01	131.40	147.72	140.95
ENSMUSG00000030223	Ptpro	36.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131.36	170.84	224.89	33.93	416.63	213.02	124.54	129.57	59.01	56.15	60.33	0.00	40.03	34.09	0.00
ENSMUSG00000030235	Slco1c1	0.00	148.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.41	225.73	120.56	36.54	0.00	131.01	44.63	0.00	79.49	108.89	9.16	28.77	95.72	60.60	0.00
ENSMUSG00000030236	Slco1b2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.60	39.41	46.98	0.00	33.93	31.13	91.46	44.56	71.46	0.00	96.47	0.00	0.00	0.00
ENSMUSG00000030237	Slco1a4	49.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.68	5.41	34.78	28.71	0.00	69.75	21.79	0.00	0.00	76.56	0.00	56.70	0.00	0.00	0.00
ENSMUSG00000030244	Gys2	171.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.19	555.04	289.80	438.49	165.21	448.66	405.78	487.80	444.42	589.53	255.08	599.14	149.68	237.37	73.83
ENSMUSG00000030292	Smco2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.05	0.00	0.00	121.43	77.30	118.24	0.00	0.00	66.92	70.57	26.13	0.00	33.18	0.00	27.08	0.00	29.04	0.00
ENSMUSG00000030307	Slc6a11	48.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	294.04	271.34	199.38	182.70	0.00	227.16	173.31	124.13	374.56	199.06	210.02	224.25	73.10	45.45	29.09
ENSMUSG00000030310	Slc6a1	104.66	0.00	0.00	0.00	0.00	0.00	31.26	0.00	0.00	0.00	463.58	290.66	294.44	428.05	0.00	356.28	186.80	307.05	326.39	218.63	84.01	0.00	59.18	35.35	109.63
ENSMUSG00000030329	Pianp	0.00	0.00	0.00	69.72	0.00	0.00	0.00	25.04	53.61	40.76	58.81	40.97	18.55	23.49	403.70	24.51	119.35	80.57	0.00	19.57	0.00	0.00	17.40	0.00	0.00
ENSMUSG00000030350	Prmt8	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	34.01	78.83	10.44	0.00	43.36	0.00	0.00	186.68	0.00	13.75	26.23	118.35	0.00	0.00
ENSMUSG00000030351	Tspan11	0.00	0.00	0.00	0.00	0.00	42.04	41.20	20.75	0.00	0.00	44.30	72.67	74.19	7.83	0.00	113.11	183.69	116.51	0.00	116.55	67.97	111.70	10.44	117.42	105.16
ENSMUSG00000030353	Tead4	56.07	0.00	0.00	137.37	67.52	24.96	0.00	0.00	149.18	0.00	0.00	39.43	69.55	127.89	0.00	65.04	110.01	64.24	0.00	127.60	13.75	0.00	40.90	36.62	71.60
ENSMUSG00000030359	Pzp	0.00	0.00	0.00	0.00	0.00	36.12	0.00	0.00	0.00	0.00	32.08	251.24	0.00	5.22	0.00	98.97	56.04	35.93	50.58	93.58	64.91	0.00	190.58	66.92	53.70
ENSMUSG00000030366	Ceacam12	18.69	123.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.24	48.69	23.49	357.73	0.00	55.00	23.95	27.70	27.22	0.76	0.00	83.54	53.03	0.00
ENSMUSG00000030368	Ceacam11	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.08	26.28	32.46	33.93	0.00	41.47	56.04	0.00	28.91	69.76	0.00	38.93	0.00	50.50	0.00
ENSMUSG00000030373	Psg28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.74	0.00	0.00	0.00	0.00	68.81	160.86	40.29	55.40	84.22	71.79	0.00	0.00	50.50	0.00
ENSMUSG00000030382	Slc27a5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.69	0.00	5.22	337.61	0.00	0.00	0.00	0.00	10.21	47.35	0.00	0.00	31.56	16.78
ENSMUSG00000030402	Ppm1n	0.00	0.00	13.41	0.00	0.00	0.00	0.00	27.19	0.00	78.68	45.82	5.41	6.96	15.66	0.00	24.51	34.25	121.95	0.00	108.89	35.89	40.62	0.00	0.00	80.54
ENSMUSG00000030413	Pglyrp1	825.16	721.13	211.65	176.72	102.51	334.97	490.17	423.61	461.51	794.43	1416.72	1328.08	1231.08	1482.52	2958.07	1632.50	1824.44	1701.85	1564.49	2155.67	4113.29	3191.16	2238.21	3897.63	3782.24

ENSMUSG00000030427	Lilra6	53.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.90	180.89	25.50	104.40	208.31	0.00	10.38	94.73	9.64	74.01	63.39	27.93	104.43	85.86	0.00
ENSMUSG00000030428	Ttyh1	100.93	105.32	20.12	0.00	0.00	66.34	14.92	31.48	0.00	0.00	158.09	204.86	700.16	331.48	159.47	382.68	210.67	125.22	220.40	194.81	151.98	489.12	166.21	265.14	129.77
ENSMUSG00000030450	Oca2	12.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	57.98	67.23	5.22	0.00	46.19	101.70	0.00	0.00	0.00	0.00	22.00	169.69	30.30	53.70
ENSMUSG00000030470	Csrp3	59.81	0.00	0.00	0.00	0.00	0.00	29.13	0.00	0.00	0.00	111.50	113.64	76.51	250.57	1012.84	202.65	83.02	100.17	303.50	262.87	112.26	104.09	0.00	0.00	57.05
ENSMUSG00000030483	Cyp2b10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.43	32.47	148.38	28.71	0.00	109.34	177.46	96.91	56.61	72.31	144.34	154.01	167.08	0.00	0.00
ENSMUSG00000030491	Tdrd12	0.00	0.00	58.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	260.43	67.25	20.87	101.79	0.00	171.54	210.67	49.00	0.00	111.44	99.28	101.55	83.54	42.93	38.03
ENSMUSG00000030492	Slc7a9	28.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.79	0.00	0.00	0.00	0.00	70.69	0.00	0.00	0.00	62.95	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000030500	Slc17a6	155.13	0.00	0.00	0.00	0.00	0.00	0.00	10.02	0.00	0.00	310.07	363.33	832.31	550.72	907.96	896.37	238.69	344.07	102.37	159.08	20.62	77.01	182.75	203.28	95.09
ENSMUSG00000030544	Mesp1	26.17	0.00	0.00	0.00	0.00	0.00	0.00	12.16	0.00	0.00	270.36	230.37	69.55	23.49	0.00	111.22	310.30	49.00	89.12	147.17	27.49	106.63	46.99	16.41	0.00
ENSMUSG00000030549	Rhcg	210.26	395.49	0.00	0.00	17.80	0.00	0.00	15.03	0.00	0.00	569.74	952.39	544.83	383.68	2241.18	990.62	827.12	700.12	578.10	975.75	681.22	327.49	282.82	252.52	449.71
ENSMUSG00000030559	Rab38	72.89	283.72	142.34	73.17	57.70	269.94	308.31	238.99	347.30	287.25	20.62	0.00	74.19	23.49	0.00	82.94	0.00	161.15	0.00	167.59	340.61	321.57	102.69	147.72	244.99
ENSMUSG00000030562	Nox4	26.17	0.00	144.58	46.94	146.09	0.00	201.04	96.60	0.00	0.00	115.32	72.67	92.74	219.25	0.00	196.99	88.21	25.04	37.34	3.40	0.00	38.08	0.00	16.41	31.32
ENSMUSG00000030577	Cd22	113.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	347.50	246.60	275.89	407.17	208.31	438.29	281.24	345.16	274.60	236.49	137.47	159.94	0.00	77.02	0.00
ENSMUSG00000030584	Dpf1	0.00	39.76	40.24	13.81	34.37	0.00	0.00	0.00	0.00	35.08	0.00	33.24	2.32	44.37	0.00	88.60	20.76	108.88	44.56	98.68	63.39	127.78	0.00	12.63	74.95
ENSMUSG00000030592	Ryr1	799.93	222.46	1644.78	1252.89	2263.19	89.98	478.80	96.60	100.23	0.00	381.10	235.00	194.75	344.53	316.06	692.78	492.95	555.31	588.94	475.54	496.41	372.34	147.94	324.49	105.16
ENSMUSG00000030607	Acan	190.64	210.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	196.24	563.63	959.34	1254.26	866.54	797.34	995.34	533.43	462.76	609.41	689.07	614.02	402.81	650.06	242.42	410.55
ENSMUSG00000030650	Tmc5	285.02	0.00	0.00	60.06	87.78	46.63	181.86	93.02	220.27	63.52	145.87	251.24	336.17	101.79	1420.85	180.03	582.20	321.21	252.92	305.40	1089.80	456.12	309.80	910.33	555.98
ENSMUSG00000030674	Qprt	202.79	0.00	0.00	0.00	0.00	0.00	0.00	28.62	0.00	0.00	159.62	159.25	157.65	341.92	564.60	249.78	202.37	295.07	80.69	339.43	223.00	85.47	214.07	103.53	0.00
ENSMUSG00000030693	Klk10	206.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138.23	401.21	166.93	143.55	527.25	285.59	302.00	164.41	462.48	450.02	398.65	161.63	247.14	297.97	300.92
ENSMUSG00000030713	Klk7	243.90	113.92	66.33	40.73	15.96	0.00	0.00	30.77	0.00	118.50	1322.01	929.19	614.38	1049.24	1772.83	1548.61	1642.83	1950.11	1170.65	2112.28	1308.22	1143.27	1884.03	1724.70	1057.15
ENSMUSG00000030731	Syt3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.74	0.00	0.00	207.73	6.96	102.01	130.50	0.00	49.96	39.44	72.95	0.00	62.10	0.00	123.55	0.00	39.14	64.88
ENSMUSG00000030732	Chrdl2	0.00	0.00	0.00	28.99	0.00	0.00	0.00	0.00	0.00	0.00	32.84	44.06	69.55	57.42	0.00	107.45	45.66	108.88	110.80	212.67	58.04	121.01	0.00	0.00	78.31
ENSMUSG00000030737	Slco2b1	1240.08	1522.86	389.02	697.89	625.49	228.57	450.39	691.94	106.05	565.96	751.51	530.31	363.99	459.37	96.26	854.90	795.99	489.98	352.88	282.43	698.79	588.13	156.64	637.61	427.33
ENSMUSG00000030762	Aqp8	80.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183.29	224.18	69.55	253.18	81.89	295.96	128.69	124.13	446.82	49.34	154.27	198.02	191.45	170.45	87.26
ENSMUSG00000030769	Slc5a11	47.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	0.00	304.73	237.32	178.52	281.89	619.20	368.54	250.11	146.99	30.11	233.94	0.00	264.87	152.29	82.07	149.90
ENSMUSG00000030775	Trat1	330.81	60.18	0.00	32.44	0.00	45.98	74.59	0.00	0.00	46.45	0.00	47.93	118.24	65.25	0.00	491.07	160.86	75.13	75.88	175.24	0.00	0.00	26.11	140.15	64.88
ENSMUSG00000030781	Slc5a2	14.95	0.00	0.00	0.00	0.00	0.00	0.00	16.46	0.00	0.00	167.26	0.00	99.69	70.47	245.67	86.71	100.67	21.78	61.42	70.61	119.14	63.47	30.46	0.00	36.92
ENSMUSG00000030786	Itgam	33.64	0.00	0.00	0.00	0.00	0.00	0.00	56.53	0.00	0.00	167.26	126.01	259.66	153.99	114.93	300.67	279.17	203.61	161.39	101.23	355.88	201.40	364.62	227.27	394.89
ENSMUSG00000030787	Lyve1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.13	78.83	18.27	27.30	84.83	126.61	142.64	231.24	39.98	122.19	100.70	0.00	10.10	0.00
ENSMUSG00000030789	Itgax	0.00	81.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	298.62	72.67	92.74	46.98	186.76	83.89	163.97	46.82	65.04	14.46	0.00	218.33	308.93	37.88	32.44
ENSMUSG00000030834	Abcc6	153.26	0.00	0.00	117.35	127.68	223.97	0.00	120.21	71.09	106.18	106.92	251.24	252.71	36.54	0.00	284.65	129.72	127.39	375.77	189.71	79.42	44.85	82.67	325.75	95.09
ENSMUSG00000030838	Ush1c	260.72	168.73	0.00	0.00	15.35	0.00	0.00	0.00	0.00	69.20	1120.39	842.61	894.91	835.22	1386.37	1027.38	715.04	693.59	905.69	701.83	430.73	402.81	848.47	441.91	483.27
ENSMUSG00000030851	Ldhc	30.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.94	210.27	159.97	33.93	0.00	311.04	138.03	131.75	301.09	109.74	175.65	123.55	0.00	64.39	0.00
ENSMUSG00000030854	Ptpn5	345.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	878.29	669.45	688.57	720.38	1170.87	1020.78	721.27	594.51	488.98	724.80	379.56	297.88	361.14	214.64	362.45
ENSMUSG00000030858	1700007K(	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32	31.32	458.29	87.66	0.00	20.69	99.96	83.37	70.26	0.00	0.00	0.00	0.00
ENSMUSG00000030865	Chp2	41.12	95.65	0.00	0.00	0.00	0.00	0.00	17.89	0.00	0.00	82.48	115.18	104.33	83.52	0.00	142.33	74.72	40.29	104.78	128.46	74.84	146.40	0.00	0.00	120.82
ENSMUSG00000030877	Mfsd13b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.73	111.28	36.54	466.91	21.68	60.19	64.24	0.00	27.22	0.00	0.00	0.00	26.51	0.00
ENSMUSG00000030895	Hpx	85.97	78.45	143.09	82.84	0.00	53.20	55.41	32.20	0.00	119.45	288.69	288.34	257.34	195.75	1372.00	651.30	489.84	69.69	804.52	522.33	581.94	704.91	307.19	325.75	460.89
ENSMUSG00000030898	Cckbr	73.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.25	111.32	27.82	73.08	409.45	103.68	61.23	255.88	134.89	153.13	57.28	243.72	15.66	29.04	42.51
ENSMUSG00000030954	Gp2	776.57	124.67	375.61	413.49	314.89	555.65	405.63	790.68	743.55	1330.06	685.83	885.90	683.93	548.11	2721.02	1168.77	1948.98	1481.91	2179.92	2263.71	6323.44	4461.36	3871.62	7177.85	5882.00
ENSMUSG00000030963	Umod	246.71	525.53	1258.74	1241.16	923.20	886.68	988.15	855.80	24.47	118.50	249.74	250.46	387.17	347.14	183.89	276.17	23.87	288.54	137.30	290.09	281.81	425.66	454.26	154.04	70.48
ENSMUSG00000030976	Tex36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.78	0.00	0.00	0.00	0.00	16.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031070	Mrgprf	119.62	130.04	91.67	80.07	120.92	65.02	71.04	64.40	106.05	233.21	0.00	0.00	0.00	0.00	156.60	33.93	0.00	0.00	0.00	53.59	0.76	0.00	0.00	29.04	40.27
ENSMUSG00000031073	Fgf15	73.83	0.00	0.00	29.68	0.00	0.00	0.00	0.00	0.00	0.00	457.47	456.87	361.67	396.73	515.76	239.41	154.63	203.61	275.80	145.47	159.61	111.70	82.67	181.81	50.34
ENSMUSG00000031098	Syt8	250.45	205.27	22.36	0.00	0.00	15.76	37.65	18.60	0.00	0.00	141.29	238.87	115.92	334.09	204.00	558.93	505.41	792.67	847.88	502.76	1152.42	935.09	989.44	626.25	525.78
ENSMUSG00000031111	Igsf1	316.79	0.00	0.00	0.00	0.00	0.00	36.94	0.00	0.00	0.00	497.19	524.12	405.72	433.27	367.78	717.28	168.12	298.34	705.76	280.73	164.20	16.92	134.88	156.56	191.29
ENSMUSG00000031118	1700080O'	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	88.10	0.00	0.00	0.00	142.18	53.35	0.00	71.46	0.00	0.00	74.84	23.99	29.09
ENSMUSG00000031138	F9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32	20.88	0.00	0.00	51.89	29.40	0.00	23.82	0.00	148.94	0.00	0.00	0.00
ENSMUSG00000031139	Mcf2	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.97	0.00	0.00	0.00	0.00	40.53	0.00	0.00	0.00	8.51	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031163	Glod5	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.41	70.35	20.87	44.37	0.00	71.63	0.00	120.86	187.88	11.06	0.00	67.70	64.40	11.36	46.98
ENSMUSG00000031170	Slc38a5	0.00	0.00	0.75	0.00	0.61	49.92	0.00	0.00	0.00	0.00	135.94	107.45	0.00	114.84	0.00	62.21	124.54	55.53	0.00	52.74	49.64	48.24	60.05	80.81	0.00
ENSMUSG00000031173	Otc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.40	0.00	0.00	130.53	0.00	0.00
ENSMUSG00000031179	3830417A1	42.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	166.98	32.46	23.49	0.00	91.43	80.95	25.04	186.68	150.57	120.66	102.39	0.00	23.99	120.82
ENSMUSG00000031241	Tbx22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.39	9.27	0.00	0.00	0.00	25.94	28.31	48.18	11.06	59.57	0.00	0.00	0.00	0.00
ENSMUSG00000031255	Sytl4	124.29	0.00	0.00	46.94	51.56	0.00	124.32	0.00	17.48	0.00	522.39	288.34	354.72	313.21	870.61	681.47	282.28	268.94	187.88	164.18	369.63	133.71	0.00	87.12	222.62
ENSMUSG00000031273	Col4a6	0.00	0.00	0.00	81.46	0.00	17.08	36.23	70.84	0.00	99.54	89.36	104.36	261.98	203.58	0.00	60.32	5.19	0.00	0.00	0.00	45.82	237.79	91.37	15.15	96.21
ENSMUSG00000031323	Dmrtc1a	0.00	0.00	0.00	34.51	59.54	51.23	0.00	23.61	0.00	156.42	0.00	0.00	55.64	36.54	0.00	128.19	0.00	42.46	38.54	0.00	29.02	0.00	0.00	8.84	0.00
ENSMUSG00000031325	4930519F1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.37	0.00	0.00	0.00	27.22	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031329	Tsx	28.03	52.66	0.00	0.00	0.00	71.59	0.00	39.36	0.00	0.00	193.22	47.16	41.73	36.54	0.00	2.83	53.97	51.18	30.11	108.04	54.99	152.32	88.76	39.14	33.56
ENSMUSG00000031343	Gabra3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32	28.71	0.00	4.71	38.40	18.51	1.20	88.47	0.00	97.32	0.00	25.25	0.00
ENSMUSG00000031351	Zfp185	204.65	139.71	0.00	126.32	57.70	189.81	0.00	167.44	244.74	183.91	181.77	219.54	176.20	70.47	178.14	159.29	177.46	433.36	256.53	285.83	121.43	198.87	582.18	292.92	95.09
ENSMUSG00000031383	Dusp9	0.00	22.57	44.72	17.95	29.46	82.76	117.92	35.78	0.00	48.35	251.27	86.58	97.37	73.08	188.20	142.33	55.00	44.64	255.33	201.62	137.47	264.87	152.29	136.36	142.07
ENSMUSG00000031384	Asb9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	152.75	60.30	0.00	39.15	0.00	0.00	0.00	0.00	0.00	19.57	0.00	33.85	201.02	0.00	0.00
ENSMUSG00000031385	Plxnb3	114.01	0.00	0.00	0.00	0.00	0.00	127.87	28.62	0.00	0.00	212.32	108.23	113.60	15.66	0.00	32.05	269.83	275.48	0.00	97.83	219.18	74.47	137.50	265.14	48.10
ENSMUSG00000031394	Opn1mw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106.92	0.00	6.96	5.22	0.00	13.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031397	Tktl1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.75	0.00	0.00	93.94	0.00	115.92	26.10	0.00	28.28	0.00	17.42	0.00	24.67	47.35	0.00	0.00	37.88	0.00
ENSMUSG00000031425	Plp1	364.45	192.37	151.29	89.74	266.40	187.19	399.24	166.72	170.15	618.10	629.31	506.34	326.90	365.41	1725.42	451.48	364.27	419.20	305.91	621.01	235.22	242.02	501.25	463.37	223.74
ENSMUSG00000031448	Adprhl1	37.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	225.30	302.26	118.24	67.86	349.11	217.73	51.89	151.35	0.00	106.34	28.26	0.00	0.00	63.13	0.00
ENSMUSG00000031471	Defb8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.01	0.00	0.00	0.00	56.55	0.00	0.00	158.98	0.00	38.95	0.00	0.00	17.68	0.00
ENSMUSG00000031486	Adgra2	296.24	48.36	0.00	12.43	33.76	47.29	268.53	96.60	360.12	79.63	589.60	431.36	426.59	354.97	76.14	450.54	524.09	118.68	651.57	271.37	166.49	368.11	194.93	289.13	102.92
ENSMUSG00000031489	Adrb3	20.56	0.00	0.00	0.00	11.05	0.00	0.00	0.00	0.00	0.00	97.76	0.00	30.14	112.23	0.00	29.22	80.95	0.00	34.93	89.32	0.00	69.39	0.00	0.00	0.00
ENSMUSG00000031491	Chrna6	16.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155.04	49.47	51.01	31.32	0.00	33.93	53.97	0.00	0.00	58.70	16.04	0.00	0.00	0.00	33.56
ENSMUSG00000031492	Chrnb3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.29	0.00	39.41	96.57	0.00	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	16.41	0.00
ENSMUSG00000031494	Cd209a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.18	0.00	55.66	6.96	46.98	158.03	42.41	72.65	0.00	115.62	89.32	80.95	22.00	0.00	0.00	0.00
ENSMUSG00000031495	Cd209d	50.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.74	0.77	0.00	49.59	0.00	30.16	34.25	0.00	16.86	23.82	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031512	Tex29	0.00	105.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.96	0.00	0.00	38.64	0.00	0.00	0.00	21.27	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031519	Asb5	25.23	68.78	0.00	20.71	8.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.22	0.00	66.92	112.08	0.00	0.00	0.00	54.99	0.00	0.00	5.05	36.92
ENSMUSG00000031551	Ido1	165.41	179.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	192.46	621.52	612.06	258.40	653.68	756.87	646.55	470.38	437.19	389.62	126.01	262.33	187.10	305.55	540.32
ENSMUSG00000031552	Adam18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.47	44.05	7.83	0.00	0.00	68.49	25.04	0.00	0.00	0.00	0.00	16.53	0.00	0.00
ENSMUSG00000031553	Adam3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	27.33	16.60	0.00	48.18	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031574	Star	305.58	193.45	90.92	75.24	50.33	34.81	0.00	95.88	329.82	0.00	787.40	532.62	435.86	516.79	205.44	724.82	805.33	621.73	632.30	1181.62	360.47	507.74	117.48	224.74	278.55
ENSMUSG00000031594	Fgl1	46.72	242.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.47	55.64	5.22	0.00	5.66	71.61	22.87	0.00	72.31	33.60	0.00	0.00	37.88	0.00
ENSMUSG00000031595	Pdgfrl	51.40	0.00	0.00	0.00	0.00	0.66	0.00	66.55	92.07	0.00	119.14	105.13	113.60	31.32	0.00	88.60	74.72	31.58	0.00	51.89	143.58	0.00	0.00	15.15	0.00
ENSMUSG00000031610	Scrg1	4.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	37.09	0.00	0.00	0.00	0.00	0.00	0.00	52.74	94.70	0.00	0.00	7.58	0.00
ENSMUSG00000031621	Isx	19.62	0.00	0.00	0.00	0.00	51.23	0.00	0.00	0.00	0.00	6.87	18.55	55.64	0.00	56.03	73.52	98.59	84.93	0.00	124.20	0.00	0.00	0.00	106.06	50.34
ENSMUSG00000031645	F11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.24	18.55	0.00	0.00	11.31	40.47	0.00	0.00	0.00	47.35	63.47	74.84	29.04	0.00
ENSMUSG00000031654	Cbln1	167.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.13	253.56	159.97	336.70	181.02	590.98	292.66	123.04	172.23	366.65	154.27	311.41	259.33	121.21	233.80
ENSMUSG00000031688	Pou4f2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	119.91	80.40	55.64	7.83	0.00	0.00	0.00	26.13	0.00	66.35	0.00	0.00	0.00	47.98	44.75
ENSMUSG00000031710	Ucp1	99.99	0.00	0.00	0.00	18.41	44.01	0.00	12.16	0.00	0.00	111.50	88.90	115.92	18.27	393.64	249.78	8.30	117.59	175.84	76.56	77.90	0.00	32.20	77.02	193.53
ENSMUSG00000031727	Pmfbp1	0.00	0.00	0.00	20.71	0.00	0.00	0.00	0.00	0.00	0.00	71.03	52.57	51.01	73.08	0.00	26.39	101.70	0.00	120.44	102.93	20.62	0.00	0.00	0.00	39.15
ENSMUSG00000031736	Crnde	0.00	0.00	0.00	0.00	0.00	35.47	0.00	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	0.00	80.95	28.31	15.66	36.58	0.00	0.00	0.00	0.00	62.65
ENSMUSG00000031750	Il34	90.65	126.82	133.40	0.00	31.92	243.02	12.79	27.19	266.88	91.96	86.30	116.73	171.56	13.05	0.00	147.04	59.15	236.28	165.00	74.01	228.35	216.64	141.85	277.77	0.00
ENSMUSG00000031757	Mt4	167.28	0.00	0.00	0.00	0.00	0.00	43.33	0.00	0.00	38.87	391.79	369.51	366.31	378.46	1054.50	618.31	536.54	226.48	421.53	421.10	317.70	418.89	731.86	223.48	411.67
ENSMUSG00000031760	Mt3	156.06	0.00	0.00	0.00	0.00	0.00	36.94	0.00	0.00	2.84	599.53	560.45	287.48	441.10	958.25	418.49	267.75	475.82	752.74	348.79	173.36	358.80	318.50	172.98	173.39
ENSMUSG00000031766	Slc12a3	727.04	207.42	0.00	28.99	0.00	0.00	0.00	31.48	0.00	0.00	773.66	994.90	642.20	522.01	645.06	1354.45	1654.24	1120.41	1244.12	1032.75	460.51	342.73	563.03	724.73	363.57
ENSMUSG00000031772	Cntnap4	0.00	211.72	126.69	24.85	14.12	175.37	80.27	51.52	117.71	197.19	0.00	8.50	0.00	0.00	0.00	100.85	173.31	54.44	202.34	0.00	126.77	25.39	0.00	56.82	6.71
ENSMUSG00000031779	Ccl22	1263.44	655.57	121.48	47.63	15.35	47.95	68.91	44.36	153.84	0.00	4139.41	4792.85	3523.98	3975.12	5788.27	4797.59	2376.55	3874.08	3514.37	4187.99	4842.62	3434.03	6438.77	2854.72	2999.17
ENSMUSG00000031780	Ccl17	102.79	0.00	0.00	0.00	0.00	28.90	0.00	0.00	0.00	0.00	335.28	320.81	442.82	302.77	508.57	410.01	194.07	184.01	190.29	75.71	411.63	192.10	179.27	116.16	44.75
ENSMUSG00000031837	Necab2	0.00	0.00	0.00	0.00	25.78	0.00	0.00	0.00	0.00	0.00	151.22	156.15	57.96	219.25	47.41	262.03	143.22	79.49	49.38	211.82	58.04	38.93	0.00	0.00	0.00
ENSMUSG00000031845	Bco1	0.00	0.00	0.00	0.00	0.00	24.96	0.00	0.00	0.00	0.00	154.27	98.18	220.25	80.91	476.97	129.13	292.66	86.02	134.89	280.73	101.57	284.34	169.69	138.89	297.57
ENSMUSG00000031849	Comp	278.48	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	50.24	1000.48	732.84	591.19	777.80	633.56	626.80	492.95	567.28	581.71	1033.60	995.87	473.05	603.93	551.75	349.03
ENSMUSG00000031853	Map3k21	28.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.76	134.47	133.11	0.00	86.71	0.00	228.66	0.00	40.83	18.33	0.00	90.50	0.00	0.00
ENSMUSG00000031871	Cdh5	278.48	570.67	0.00	0.00	36.22	462.39	556.23	168.87	609.52	579.23	142.82	191.71	153.02	253.18	0.00	451.48	159.82	140.46	372.15	297.74	290.21	302.11	473.40	388.88	383.71
ENSMUSG00000031872	Bean1	0.00	0.00	0.00	0.00	0.00	33.50	0.00	11.45	0.00	0.00	38.95	125.23	0.00	10.44	0.00	201.71	0.00	11.98	0.00	0.00	19.86	0.00	84.41	21.46	0.00
ENSMUSG00000031881	Cdh16	49.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.08	141.47	296.76	203.58	535.87	372.31	261.52	216.68	152.96	308.80	151.21	46.54	202.76	234.84	58.17
ENSMUSG00000031891	Hsd11b2	216.80	134.34	59.62	97.33	82.25	0.00	120.77	12.88	0.00	0.00	213.84	509.43	363.99	347.14	0.00	410.95	375.68	373.47	413.10	347.08	135.17	302.95	451.65	125.00	0.00
ENSMUSG00000031893	Tsnaxip1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.07	0.00	4.64	0.00	130.74	10.37	196.14	47.91	87.92	145.47	122.96	149.78	69.62	29.04	0.00
ENSMUSG00000031927	1700012B(	85.97	0.00	0.00	21.40	0.00	0.00	0.00	9.30	0.00	0.00	140.53	59.52	83.46	15.66	176.71	141.38	140.10	29.40	52.99	108.89	0.00	86.32	129.66	66.92	0.00
ENSMUSG00000031932	Gpr83	216.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	521.63	722.79	503.09	480.25	642.18	705.03	272.94	272.21	136.09	171.84	20.62	143.86	73.10	44.19	163.33
ENSMUSG00000031933	Izumo1r	49.53	0.00	0.00	24.85	0.00	0.00	0.00	15.03	0.00	0.00	269.60	64.16	27.82	78.30	304.57	228.10	98.59	262.41	38.54	85.92	18.33	106.63	0.00	46.72	0.00
ENSMUSG00000031936	Hephl1	8.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.14	181.66	248.07	143.55	402.26	147.04	217.94	96.91	48.18	317.31	67.97	32.16	54.82	125.00	38.03
ENSMUSG00000031937	Vstm5	148.59	139.71	30.56	79.38	63.22	36.12	149.89	37.92	138.69	91.01	54.22	40.97	32.46	0.00	79.02	211.13	162.93	28.31	52.99	79.97	107.68	72.78	46.99	87.12	46.98
ENSMUSG00000031952	Chst5	88.78	0.00	17.89	24.85	0.00	109.69	236.56	155.27	40.79	42.66	107.69	63.39	0.00	13.05	0.00	38.64	16.60	41.38	0.00	39.13	22.15	0.00	12.18	117.42	22.37
ENSMUSG00000031957	Ctrb1	442.95	64.48	0.00	0.00	0.00	0.00	33.39	0.00	0.00	0.00	1434.28	1045.92	510.05	874.37	1831.73	1504.31	882.13	1093.19	1911.35	1473.41	748.43	533.13	982.48	825.74	507.88
ENSMUSG00000031962	Cdh15	29.90	0.00	77.51	125.63	127.68	21.67	39.07	25.76	173.65	0.00	329.17	90.45	60.28	200.97	1.44	151.75	68.49	119.77	148.14	160.78	33.60	62.62	235.83	35.35	0.00
ENSMUSG00000031966	Glb1l3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.50	47.16	2.32	93.96	206.88	114.99	91.33	18.51	14.45	28.07	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031981	Capn9	50.46	0.00	0.00	16.57	49.11	0.00	0.00	0.00	74.59	0.00	108.45	85.81	48.69	44.37	117.81	194.17	106.89	163.33	266.17	188.86	13.75	178.56	94.85	16.41	284.14
ENSMUSG00000031991	Spata19	26.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102.34	208.72	197.06	200.97	147.98	165.89	45.66	88.20	0.00	124.20	37.42	163.32	30.46	66.92	0.00
ENSMUSG00000031997	Trpc6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.31	0.00	98.52	44.84	44.05	39.15	0.00	111.22	10.38	127.39	36.13	83.37	64.15	0.00	0.00	60.60	39.15
ENSMUSG00000032038	St3gal4	113.07	154.76	131.17	162.91	100.05	337.59	251.48	180.32	271.55	319.48	250.50	84.26	53.32	206.19	0.00	233.75	221.05	288.54	118.03	221.18	730.10	256.41	100.95	790.38	627.58
ENSMUSG00000032056	Btg4	28.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.46	16.23	20.88	0.00	95.20	104.82	39.20	166.20	117.40	51.17	63.47	0.00	0.00	0.00
ENSMUSG00000032066	Bco2	24.30	0.00	58.88	0.00	0.00	0.00	35.52	17.17	0.00	0.00	29.02	27.83	9.27	86.13	0.00	0.00	0.00	116.51	52.99	13.61	23.67	0.00	127.05	0.00	19.02
ENSMUSG00000032079	Apoa5	35.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	186.35	194.03	11.59	20.88	0.00	109.34	104.82	88.20	179.45	49.34	123.72	0.00	32.20	82.07	98.44
ENSMUSG00000032080	Apoa4	957.86	183.77	0.00	10.35	0.00	14.45	19.18	0.00	50.11	0.00	1934.53	1427.03	964.46	1218.90	2426.50	2447.81	1316.96	1610.39	1963.13	1568.69	785.08	1202.50	905.03	965.88	1107.49
ENSMUSG00000032083	Apoa1	1001.78	595.39	33.54	0.00	0.00	0.00	13.50	12.88	0.00	13.27	1852.04	1765.62	1745.76	1182.36	4426.32	3188.66	1575.37	1861.91	2359.37	2226.28	1001.98	1096.72	1784.83	921.69	903.89
ENSMUSG00000032098	Treh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.61	77.30	2.32	41.76	0.00	33.93	48.78	29.40	146.93	51.04	111.50	42.31	0.00	94.69	0.00
ENSMUSG00000032099	Pate4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.06	78.08	30.14	7.83	0.00	136.67	0.00	0.00	189.09	61.25	19.86	0.00	0.00	17.68	0.00
ENSMUSG00000032105	Pdzd3	59.81	0.00	27.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.81	43.29	55.64	93.96	0.00	0.00	53.97	26.13	102.37	0.00	0.00	81.24	0.00	61.87	34.68
ENSMUSG00000032108	D730048I0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.04	28.60	0.00	15.66	0.00	51.84	59.15	0.00	0.00	57.00	31.31	0.00	0.00	0.00	64.88
ENSMUSG00000032110	Acrv1	48.59	0.00	54.40	0.00	0.00	0.00	0.00	0.00	37.29	0.00	187.11	92.76	118.24	73.08	0.00	20.74	73.68	80.57	119.23	22.12	0.00	97.32	0.00	0.00	0.00
ENSMUSG00000032125	Robo4	391.55	0.00	0.00	0.00	0.61	159.60	50.44	57.24	0.00	0.00	421.58	238.87	227.20	516.79	238.48	207.36	159.82	237.37	217.99	279.03	341.37	112.55	105.30	199.49	120.82
ENSMUSG00000032172	Olfm2	102.79	1.07	0.00	0.00	0.00	0.00	66.78	13.60	0.00	91.96	198.57	425.17	136.79	532.45	262.91	227.16	69.53	22.87	211.97	316.46	15.27	0.00	0.00	58.08	0.00
ENSMUSG00000032181	Scg3	24.30	0.00	0.00	55.91	0.00	0.00	0.00	17.17	251.73	0.00	0.00	80.40	0.00	33.93	81.89	64.09	84.06	45.73	216.79	109.74	59.57	78.70	0.00	133.83	0.00
ENSMUSG00000032226	Gcnt3	54.20	0.00	0.00	0.00	0.00	0.00	0.00	12.88	0.00	54.98	116.09	123.69	169.24	211.42	0.00	158.35	183.69	143.73	197.52	202.47	40.48	39.77	0.00	0.00	146.55
ENSMUSG00000032259	Drd2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.49	0.00	0.00	0.00	9.27	0.00	0.00	150.81	0.00	0.00	0.00	68.91	0.00	0.00	47.86	0.00	110.75
ENSMUSG00000032268	Tmprss5	73.83	0.00	0.00	0.00	18.41	0.00	0.00	2.15	0.00	0.00	88.59	62.62	16.23	70.47	364.91	62.21	50.85	69.69	54.20	48.49	33.60	78.70	18.27	68.18	0.00
ENSMUSG00000032269	Htr3a	13.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.57	0.00	200.10	126.78	227.20	70.47	68.96	425.09	42.55	93.64	407.08	168.44	83.24	142.17	415.97	152.77	10.07
ENSMUSG00000032274	Cyp19a1	53.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.06	47.16	178.52	2.61	214.06	39.59	41.51	52.26	273.39	51.04	56.51	0.00	117.48	26.51	38.03
ENSMUSG00000032291	Crabp1	369.13	223.54	0.00	0.69	0.61	22.33	0.00	0.00	0.00	0.00	2487.46	1832.88	1840.82	1845.31	4071.47	2158.45	1399.98	1357.78	1760.80	2062.94	940.12	1400.52	1381.04	624.98	617.51
ENSMUSG00000032292	Nr2e3	27.10	0.00	55.15	0.00	0.00	0.00	22.02	0.00	0.00	0.00	0.00	27.06	0.00	203.58	0.00	103.68	0.00	41.38	0.00	54.44	25.20	0.00	120.96	64.39	0.00
ENSMUSG00000032297	Celf6	0.00	226.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160.38	94.31	97.37	46.98	0.00	149.87	65.38	27.22	130.07	214.38	230.64	71.93	54.82	94.69	128.65
ENSMUSG00000032310	Cyp1a2	292.50	184.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1048.60	1332.72	1544.06	1425.09	1045.88	1044.35	435.87	399.60	578.10	604.85	256.60	513.67	634.39	638.87	196.89
ENSMUSG00000032315	Cyp1a1	59.81	0.00	0.00	0.00	0.00	0.00	0.00	28.62	0.00	0.00	58.04	255.10	69.55	26.10	0.00	123.47	15.57	131.75	183.07	112.29	84.01	33.85	83.54	126.26	26.85
ENSMUSG00000032323	Cyp11a1	210.26	30.09	79.74	17.95	0.00	19.05	61.09	0.00	0.00	0.00	1299.87	942.34	2079.61	950.06	1111.97	967.06	650.70	1117.15	1062.26	1006.38	500.22	408.73	455.13	747.46	256.18
ENSMUSG00000032355	Mlip	33.64	114.99	0.00	52.46	0.00	0.00	0.00	5.72	0.00	0.00	0.00	77.30	39.41	127.89	0.00	0.00	0.00	74.04	72.26	2.55	0.00	0.00	19.14	0.00	0.00
ENSMUSG00000032372	Plscr2	581.26	913.50	516.46	621.27	676.44	801.95	937.00	1069.75	1347.24	1461.83	0.00	3.09	20.87	99.18	0.00	114.05	96.51	271.12	0.00	84.22	22.15	261.49	0.00	398.98	385.94
ENSMUSG00000032454	Rbp2	0.00	0.00	0.00	41.42	0.00	21.67	0.00	0.00	0.00	0.00	0.00	0.00	4.64	7.83	0.00	16.97	0.00	120.86	0.00	0.00	70.26	0.00	26.11	59.34	0.00
ENSMUSG00000032473	Cldn18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	292.51	102.04	231.84	13.05	323.25	92.37	0.00	54.44	81.90	120.80	0.00	0.00	0.00	0.00	10.07
ENSMUSG00000032484	Ngp	310.25	0.00	0.00	0.00	0.00	0.00	0.00	22.18	0.00	126.09	1008.12	720.47	528.60	516.79	874.92	727.65	534.46	642.41	573.28	797.96	474.26	599.98	479.49	363.63	267.36
ENSMUSG00000032493	Prss44	49.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.60	0.00	23.49	0.00	19.79	0.00	19.60	0.00	22.97	38.19	0.00	0.00	0.00	0.00
ENSMUSG00000032496	Ltf	467.25	1.07	0.00	40.73	39.29	914.26	674.16	343.46	505.80	831.40	901.20	1088.44	867.09	835.22	897.91	2042.51	2015.40	1199.90	1760.80	1843.46	2301.79	2700.34	1817.02	1963.33	2806.76
ENSMUSG00000032500	Dclk3	70.09	0.00	0.00	36.59	0.00	0.00	0.00	0.00	0.00	0.00	342.91	235.00	308.35	242.74	251.41	793.63	63.31	377.83	281.82	257.76	302.43	291.11	193.19	107.32	210.31
ENSMUSG00000032514	Ttc21a	289.69	0.00	0.00	0.00	0.00	26.93	0.71	91.59	0.00	45.50	226.83	255.10	375.58	169.65	507.14	163.06	347.66	254.79	181.86	410.89	155.79	473.05	373.33	241.16	252.82
ENSMUSG00000032517	Mobp	0.00	0.00	0.00	0.00	0.00	22.99	0.00	0.00	0.00	0.00	159.62	20.87	113.60	46.98	238.48	98.97	95.48	26.13	0.00	76.56	19.86	68.55	49.60	47.98	0.00
ENSMUSG00000032528	Vipr1	187.83	1.07	0.00	234.01	40.51	93.27	53.99	62.97	0.00	364.04	508.64	310.76	310.67	96.57	886.41	376.08	481.54	216.68	197.52	389.62	642.27	651.60	291.52	688.11	588.42
ENSMUSG00000032532	Cck	135.50	184.85	356.23	409.35	111.72	60.43	380.06	415.02	192.30	227.52	724.78	442.18	194.75	73.08	1147.88	533.48	505.41	317.94	1056.24	467.88	243.62	283.49	715.32	243.68	251.70
ENSMUSG00000032537	Ephb1	40.18	376.15	318.22	258.86	498.43	285.71	453.94	320.57	451.02	311.90	52.70	144.56	132.15	271.45	172.40	78.23	244.92	52.26	0.00	79.11	102.34	0.00	79.19	29.04	0.00
ENSMUSG00000032556	Bfsp2	7.48	0.00	0.00	0.00	0.00	0.00	0.00	30.05	0.00	60.67	0.00	17.01	0.00	26.10	0.00	33.93	97.55	64.24	0.00	0.00	25.20	0.00	32.20	2.53	40.27
ENSMUSG00000032595	Cdhr4	117.75	0.00	0.00	42.80	31.92	25.62	78.85	27.91	0.00	0.95	169.55	83.49	252.71	328.87	165.21	80.12	118.31	116.51	342.04	400.68	354.36	192.10	173.17	102.27	182.34
ENSMUSG00000032623	Oas1d	394.36	0.00	54.40	0.00	0.00	45.98	0.00	0.00	0.00	107.13	706.45	761.44	874.04	866.54	1772.83	1098.07	483.61	466.02	784.05	1000.42	420.80	305.49	390.73	542.92	676.80
ENSMUSG00000032648	Pygm	22.43	88.13	81.23	249.89	145.48	66.99	0.00	12.16	0.00	0.00	391.79	440.63	498.46	683.84	647.93	180.03	260.49	163.33	0.00	193.96	423.09	231.87	247.14	75.76	34.68
ENSMUSG00000032649	Colgalt2	110.27	0.00	81.23	13.12	69.98	93.27	0.00	38.64	0.00	0.00	39.71	0.00	76.51	83.52	0.00	160.23	31.13	19.60	14.45	96.98	134.41	81.24	0.00	51.77	38.03
ENSMUSG00000032680	6820408C1	75.69	0.00	0.00	0.00	36.22	9.85	0.00	0.00	0.00	0.00	35.13	71.89	44.05	57.42	0.00	214.90	334.17	282.01	355.29	273.92	212.31	26.23	0.00	347.21	404.96

ENSMUSG00000032725	Folr2	0.00	0.00	26.08	24.16	41.74	28.90	0.00	0.00	0.00	0.00	164.20	85.03	4.64	0.00	0.00	0.00	0.00	0.00	49.38	90.17	106.92	148.94	0.00	0.00	71.60
ENSMUSG00000032726	Bmp8a	56.07	0.00	0.00	30.37	0.00	0.00	0.00	0.00	0.00	0.00	306.26	31.69	64.92	107.01	301.70	80.12	103.78	31.58	0.00	58.70	161.90	21.16	0.00	36.62	34.68
ENSMUSG00000032735	Ablim3	332.68	0.00	42.48	103.54	162.66	76.85	83.12	126.65	45.45	244.59	230.65	160.79	391.81	219.25	655.11	525.00	367.38	324.47	127.66	296.04	424.62	203.94	292.39	284.08	30.20
ENSMUSG00000032758	Kap	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.61	106.68	69.55	31.32	122.12	102.74	11.42	0.00	101.17	160.78	106.92	75.32	46.99	0.00	0.00
ENSMUSG00000032769	Trpa1	153.26	135.41	28.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	321.53	303.03	132.15	302.77	341.92	344.97	148.40	251.52	539.56	208.42	197.03	253.02	89.63	47.98	30.20
ENSMUSG00000032807	Alox12b	216.80	0.00	23.10	46.94	0.00	72.25	0.00	36.49	0.00	0.00	1175.38	794.69	1768.95	845.66	1817.36	1630.62	814.67	549.86	1205.58	1267.54	598.74	870.78	537.80	493.67	598.49
ENSMUSG00000032808	Cyp2c38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32	0.00	0.00	0.00	0.00	5.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000032841	Prr5l	661.62	1092.97	902.51	1320.54	1427.77	859.09	1014.43	1192.11	720.24	1186.91	175.66	381.88	359.35	232.30	222.68	397.76	338.32	391.98	627.48	359.85	469.68	581.36	771.89	472.21	516.83
ENSMUSG00000032854	Ugt8a	18.69	0.00	70.05	51.77	39.90	0.00	53.28	0.00	0.00	0.00	466.64	286.02	774.35	300.16	202.57	217.73	20.76	265.68	37.34	136.96	77.13	88.01	148.81	133.83	0.00
ENSMUSG00000032878	Ccdc85a	299.97	304.14	636.45	456.29	295.87	49.92	109.40	224.68	0.00	99.54	70.26	473.10	424.27	208.80	0.00	148.92	313.41	267.85	322.77	281.58	189.40	337.65	277.60	184.34	308.75
ENSMUSG00000032899	Styk1	119.62	0.00	0.00	33.13	83.48	133.33	95.19	14.31	0.00	0.00	203.15	192.49	176.20	52.20	0.00	167.77	213.79	87.11	378.17	61.25	252.02	396.04	415.97	224.74	175.63
ENSMUSG00000032915	Adgre4	0.00	1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.02	100.50	20.87	107.01	0.00	0.00	23.87	31.58	55.40	33.18	0.00	0.00	0.00	41.67	45.87
ENSMUSG00000032942	Ucp3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.41	6.18	20.87	23.49	0.00	63.15	23.87	0.00	0.00	8.51	0.00	0.00	0.00	0.00	53.70
ENSMUSG00000032946	Rasgrp2	42.99	0.00	24.59	25.54	10.44	118.88	155.57	94.45	0.00	0.00	239.81	202.54	136.79	135.72	0.00	50.90	77.83	13.07	180.66	38.28	188.63	230.18	125.31	21.46	66.00
ENSMUSG00000032948	Lipi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.15	123.69	62.60	0.00	0.00	25.45	0.00	0.00	0.00	27.22	0.00	0.00	50.47	0.00	0.00
ENSMUSG00000033044	Dhrs7c	88.78	0.00	17.14	43.49	39.90	0.00	0.00	0.00	0.00	0.00	33.60	0.00	2.32	7.83	0.00	41.47	0.00	0.00	0.00	5.10	28.26	0.00	0.00	27.78	0.00
ENSMUSG00000033053	1700028P1	36.45	0.00	0.00	0.00	0.00	0.00	0.00	14.31	0.00	0.00	182.53	69.57	16.23	54.81	0.00	24.51	0.00	51.18	0.00	13.61	68.73	0.00	0.00	8.84	0.00
ENSMUSG00000033082	Clec1a	108.40	0.00	0.00	37.28	0.00	0.00	44.75	5.72	0.00	0.00	30.55	34.01	25.50	2.61	402.26	65.04	0.00	118.68	32.52	34.88	85.53	0.00	71.36	73.23	0.00
ENSMUSG00000033122	Hsd17b3	65.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	281.82	194.81	139.10	365.41	997.04	328.95	87.17	217.77	148.14	232.24	218.42	43.16	320.24	85.86	36.92
ENSMUSG00000033152	Podxl2	129.90	62.33	219.11	115.97	21.48	24.96	29.84	84.44	152.67	12.32	27.49	27.83	34.78	83.52	124.99	217.73	187.84	128.48	10.84	109.74	24.44	41.47	170.56	123.73	16.78
ENSMUSG00000033156	Cst10	91.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	213.08	425.17	347.76	279.28	718.33	357.23	240.77	201.43	148.14	108.04	425.38	274.18	246.27	205.80	138.72
ENSMUSG00000033191	Tie1	51.40	97.80	19.38	8.97	0.00	68.31	377.22	85.15	0.00	0.00	154.27	155.38	129.83	67.86	0.00	303.50	126.61	166.59	95.15	137.81	229.87	35.54	127.92	285.35	132.00
ENSMUSG00000033196	Myh2	116.81	0.00	0.00	0.00	0.00	0.00	32.68	0.00	0.00	0.00	96.23	61.84	18.55	33.93	0.00	86.71	29.06	157.88	204.74	253.51	0.00	35.54	160.12	0.00	17.90
ENSMUSG00000033200	Tpsg1	11.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	326.11	112.09	241.11	75.69	244.23	251.66	248.03	277.65	104.78	308.80	148.92	14.39	216.69	127.52	83.90
ENSMUSG00000033207	Mamdc2	27.10	0.00	5.96	0.00	0.00	0.00	0.00	31.48	179.48	0.00	60.33	81.17	53.32	44.37	152.29	166.83	0.00	29.40	49.38	139.51	0.00	0.00	203.63	20.20	121.94
ENSMUSG00000033208	S100b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.14	131.42	34.78	36.54	193.95	246.01	127.65	195.99	151.75	8.51	123.72	160.78	59.18	36.62	42.51
ENSMUSG00000033214	Slitrk5	0.00	0.00	0.00	8.97	0.00	16.42	0.00	0.00	0.00	0.00	139.00	22.42	280.53	5.22	0.00	46.19	22.83	0.00	102.37	69.76	48.11	0.00	66.14	0.00	0.00
ENSMUSG00000033219	Gm9758	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.02	0.00	34.78	0.00	0.00	32.05	0.00	0.00	130.07	46.79	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000033453	Adamts15	431.74	219.24	79.74	61.44	8.59	426.26	178.31	211.80	273.88	361.19	632.37	298.39	129.83	86.13	320.37	276.17	129.72	272.21	138.50	221.18	288.68	187.86	166.21	36.62	204.72
ENSMUSG00000033501	Crygs	31.77	177.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	346.73	0.00	34.78	62.64	17.24	37.70	74.72	109.97	257.74	29.77	72.55	0.00	60.92	16.41	0.00
ENSMUSG00000033510	Otud7a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.50	45.61	39.41	33.93	0.00	103.68	0.00	6.53	90.33	39.13	0.00	0.00	38.29	0.00	25.73
ENSMUSG00000033533	Acsm1	0.00	0.00	36.52	38.66	0.00	0.00	58.25	86.58	38.46	39.82	70.26	0.00	0.00	0.00	445.36	23.56	0.00	62.06	0.00	0.00	3.82	15.23	131.40	42.93	228.21
ENSMUSG00000033544	Angptl1	48.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.34	35.13	44.84	9.27	7.83	0.00	0.00	0.00	39.20	0.00	94.43	0.00	34.70	0.00	64.39	49.22
ENSMUSG00000033576	Apol6	0.00	301.99	20.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.01	20.87	118.24	33.93	0.00	47.13	52.93	0.00	22.88	106.34	6.87	110.86	0.00	5.05	15.66
ENSMUSG00000033578	Tmem35a	62.61	0.00	57.38	36.59	62.00	0.00	0.00	42.22	0.00	0.00	303.20	297.62	401.08	344.53	402.26	524.06	342.47	168.77	315.55	200.76	84.77	88.01	41.77	0.00	74.95
ENSMUSG00000033579	Fa2h	122.42	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	62.57	342.15	313.08	148.38	96.57	64.65	283.71	225.20	254.79	165.00	358.99	312.35	132.86	51.34	101.01	451.95
ENSMUSG00000033590	Myo5c	535.47	558.85	365.92	288.55	115.40	205.58	422.68	524.50	192.30	464.52	294.80	238.10	354.72	263.62	0.00	674.87	854.10	348.43	303.50	276.48	863.75	906.32	448.16	1123.71	918.43
ENSMUSG00000033595	Lgi3	70.09	0.00	39.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	254.32	183.98	183.15	130.50	272.96	98.97	154.63	178.57	231.24	228.84	31.31	107.47	46.99	61.87	182.34
ENSMUSG00000033597	Caskin1	162.60	0.00	0.00	205.02	157.14	70.28	0.00	66.55	0.00	0.00	258.14	224.95	9.27	219.25	0.00	114.05	55.00	77.31	225.22	230.54	139.76	116.78	0.00	74.49	102.92
ENSMUSG00000033615	Cplx1	153.26	0.00	26.08	105.62	0.00	0.00	0.00	0.00	0.00	0.00	218.43	448.36	278.21	441.10	1323.16	357.23	365.30	259.14	103.58	287.54	242.86	165.02	79.19	117.42	306.52
ENSMUSG00000033634	Nat8f2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	307.02	61.84	44.05	127.89	258.60	182.86	155.67	94.73	199.93	118.25	63.39	0.00	98.34	75.76	0.00
ENSMUSG00000033644	Piwil2	220.54	0.00	0.00	0.00	0.00	0.00	0.00	16.46	0.00	0.00	248.98	408.17	424.27	467.20	287.33	311.99	203.41	332.10	250.51	288.39	94.70	71.08	100.95	116.16	16.78
ENSMUSG00000033676	Gabrb3	201.85	87.05	19.38	106.31	167.58	121.51	179.73	58.68	251.73	194.34	502.53	423.63	278.21	305.38	245.67	375.14	157.74	229.74	444.42	311.36	106.92	86.32	491.68	85.86	158.85
ENSMUSG00000033737	Fndc3c1	28.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.43	70.35	67.23	229.69	295.95	289.36	24.91	142.64	134.89	103.79	28.26	44.00	50.47	54.29	0.00
ENSMUSG00000033768	Nrxn2	31.77	0.00	0.00	24.85	0.00	0.00	115.79	4.29	0.00	0.00	274.18	147.65	419.63	321.04	0.00	36.76	0.00	21.78	0.00	54.44	169.54	0.00	65.27	10.10	0.00
ENSMUSG00000033770	Clcnka	153.26	0.00	0.00	0.00	0.00	54.51	0.00	2.86	0.00	0.00	313.89	303.03	301.39	216.64	0.00	425.09	121.42	312.50	350.47	136.11	99.28	0.00	53.95	208.33	106.27
ENSMUSG00000033825	Tpsb2	41.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	458.24	375.70	317.62	428.05	747.06	376.08	254.26	296.16	428.76	499.36	320.75	133.71	241.92	170.45	168.92
ENSMUSG00000033831	Fgb	109.34	0.00	52.17	51.77	0.00	0.00	0.00	0.00	0.00	0.00	786.64	1130.18	503.09	477.64	112.06	1078.28	711.93	822.07	307.12	1051.46	465.09	186.17	395.08	631.30	354.62
ENSMUSG00000033860	Fgg	299.04	221.39	18.63	0.00	0.00	0.00	0.00	175.31	0.00	40.76	938.62	1032.78	1034.01	913.52	2575.92	1886.99	1222.52	807.92	1507.88	1487.02	653.73	355.42	1032.95	444.43	538.08
ENSMUSG00000033882	Rbm46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.47	9.27	10.44	0.00	17.91	35.29	114.33	0.00	30.63	0.00	0.00	41.77	21.46	0.00
ENSMUSG00000033966	Cdkl4	57.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	189.97	0.00	112.27	96.63	69.55	208.80	140.79	77.29	49.81	262.41	0.00	86.77	61.10	0.00	0.00	140.15	0.00
ENSMUSG00000033981	Gria2	328.01	77.38	83.47	0.00	20.87	0.00	0.00	0.00	0.00	0.00	169.55	38.65	60.28	57.42	47.41	223.39	15.57	115.42	0.00	111.44	0.00	286.87	0.00	73.23	0.00
ENSMUSG00000034023	Fancd2	901.79	209.57	270.53	321.68	545.08	456.47	412.02	533.09	68.76	481.59	1545.79	1794.23	1560.29	1813.99	209.75	1559.93	604.00	1108.44	1062.26	880.47	617.83	814.08	536.06	621.20	493.34
ENSMUSG00000034031	Ccdc182	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.47	0.00	0.00	0.00
ENSMUSG00000034057	Myrfl	87.84	233.21	0.00	31.06	8.59	0.00	0.00	0.00	0.00	0.00	0.00	137.60	23.18	83.52	474.10	203.59	258.41	240.63	278.21	427.05	356.65	88.85	221.91	233.58	80.54
ENSMUSG00000034112	Atp2c2	91.58	0.00	0.00	94.57	40.51	22.33	25.57	35.78	0.00	0.00	235.99	208.72	248.07	177.48	998.47	569.30	641.36	397.43	433.58	200.76	151.21	261.49	230.61	165.40	142.07
ENSMUSG00000034115	Scn11a	102.79	160.13	145.33	121.49	185.38	80.13	222.35	30.05	0.00	29.39	64.15	116.73	53.32	28.71	209.75	25.45	61.23	142.64	97.55	72.31	80.95	143.86	114.87	54.29	21.25
ENSMUSG00000034151	Zbbx	30.84	0.00	0.00	0.00	0.00	39.41	0.00	0.72	0.00	0.00	0.00	146.10	41.73	20.88	0.00	56.55	74.72	72.95	26.50	56.15	25.20	0.00	0.00	26.51	0.00
ENSMUSG00000034159	2310007B0	12.15	26.87	26.08	0.00	0.00	57.80	26.28	43.65	0.00	0.00	422.34	331.63	287.48	221.86	461.17	487.30	352.85	263.50	391.42	337.73	449.06	575.44	167.08	253.78	365.81
ENSMUSG00000034239	Gm884	0.00	0.00	0.00	0.00	30.69	0.00	0.00	0.00	0.00	0.00	37.42	30.92	0.00	203.58	0.00	0.00	0.00	52.26	0.00	0.00	0.00	0.00	19.14	26.51	0.00
ENSMUSG00000034295	Fhod3	222.41	322.41	239.23	147.03	19.64	244.33	24.86	113.06	519.78	352.66	690.41	688.01	512.37	555.94	680.97	657.90	520.97	570.55	794.89	917.90	391.01	386.73	259.33	347.21	448.59
ENSMUSG00000034324	Tmem132c	22.43	94.57	222.83	142.20	125.84	229.88	77.43	78.00	104.89	54.98	71.03	99.72	185.47	13.05	48.85	180.03	112.08	88.20	163.80	247.55	110.74	48.24	163.60	49.24	64.88
ENSMUSG00000034336	Ina	136.44	0.00	73.78	0.00	23.94	0.00	0.00	10.02	0.00	0.95	459.76	80.40	102.01	208.80	0.00	183.80	85.10	63.15	354.09	126.75	100.04	88.01	236.70	106.06	39.15
ENSMUSG00000034391	Fbxo15	0.00	5.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	204.68	183.21	90.42	117.45	578.97	350.63	0.00	13.07	358.90	143.77	90.88	73.62	22.63	69.44	40.27
ENSMUSG00000034402	Kcnh5	81.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.71	0.00	42.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000034450	Gulo	106.53	0.00	0.00	14.50	64.45	60.43	0.00	25.04	0.00	0.00	158.09	168.52	231.84	70.47	204.00	152.69	102.74	204.70	108.39	390.47	65.68	201.40	0.00	165.40	23.49
ENSMUSG00000034452	Slc24a1	285.02	0.00	30.56	0.00	66.29	0.00	0.00	39.36	0.00	0.00	669.03	638.53	746.53	892.64	1172.31	1503.37	757.59	202.52	572.08	826.88	190.16	517.05	322.85	318.17	153.26
ENSMUSG00000034456	Uroc1	85.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172.60	163.88	125.19	70.47	0.00	187.57	345.59	133.93	45.77	245.85	196.27	39.77	0.00	16.41	0.00
ENSMUSG00000034467	Dynlrb2	65.41	90.28	0.00	0.00	0.00	0.00	0.00	8.59	0.00	0.00	89.36	16.23	74.19	31.32	25.86	30.16	581.16	353.87	342.04	473.84	64.15	99.01	85.28	243.68	60.41
ENSMUSG00000034528	Hsd17b13	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	180.89	55.64	78.30	0.00	274.28	78.87	76.22	0.00	214.38	140.52	69.39	96.59	5.05	157.73
ENSMUSG00000034641	Cd300ld	50.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.15	92.76	39.41	7.83	0.00	122.53	41.51	169.86	85.51	0.00	0.00	83.78	91.37	74.49	26.85
ENSMUSG00000034652	Cd300a	135.50	139.71	0.00	65.58	0.00	22.33	46.89	0.00	0.00	0.00	378.05	139.92	255.03	112.23	0.00	146.10	206.52	240.63	172.23	296.89	108.45	290.26	142.72	213.38	107.39
ENSMUSG00000034664	Itga2b	206.52	103.17	0.00	0.00	16.57	25.62	187.54	47.23	0.00	81.53	221.48	144.56	20.87	65.25	76.14	115.93	295.77	301.61	169.82	299.45	177.94	119.32	55.69	188.13	105.16
ENSMUSG00000034683	Ppp1r1c	58.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.51	74.21	67.23	211.42	0.00	196.05	60.19	0.00	0.00	27.22	29.02	0.00	99.21	0.00	0.00
ENSMUSG00000034685	Fam171a2	206.52	368.62	228.79	579.85	284.82	477.49	333.88	510.90	254.06	508.13	96.23	147.65	11.59	140.94	0.00	93.31	83.02	46.82	80.69	138.66	76.37	203.10	247.14	111.11	42.51
ENSMUSG00000034701	Neurod1	0.00	0.00	61.11	0.00	37.44	0.00	38.36	22.18	0.00	0.00	49.64	30.15	57.96	208.80	0.00	153.64	40.47	56.62	180.66	116.55	76.37	0.00	0.00	35.35	0.00
ENSMUSG00000034730	Adgrb1	599.95	132.19	224.32	282.33	412.49	166.17	249.35	280.50	109.55	0.00	2322.50	1436.31	1650.71	1714.81	2695.16	1839.86	1703.02	1111.70	1483.79	1419.82	934.01	841.16	1047.75	845.94	926.26
ENSMUSG00000034739	Mfrp	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	29.22	166.05	0.00	0.00	0.00	17.57	0.00	0.00	49.24	0.00
ENSMUSG00000034755	Pcdh11x	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.89	2.32	0.00	0.00	136.67	87.17	0.00	0.00	0.00	51.17	0.00	0.00	17.68	0.00
ENSMUSG00000034783	Cd207	108.40	0.00	0.00	0.00	0.00	0.00	22.73	0.00	0.00	0.00	761.44	650.90	521.64	323.65	984.11	639.99	40.47	357.14	647.95	468.73	143.58	170.94	326.33	118.68	168.92
ENSMUSG00000034796	Cpne7	204.65	0.00	80.49	69.03	56.47	221.34	278.47	299.82	341.47	201.93	779.77	310.76	683.93	341.92	1.44	337.43	316.53	515.02	933.39	705.23	332.97	480.66	139.24	489.89	147.67
ENSMUSG00000034818	Celf5	0.00	0.00	43.22	0.00	53.40	0.00	17.05	0.00	0.00	0.00	41.24	132.19	23.18	13.05	0.00	79.17	134.91	82.75	69.85	44.24	197.80	128.63	0.00	95.96	27.97
ENSMUSG00000034833	Tespa1	294.37	259.00	0.00	0.00	0.00	84.73	56.83	26.48	0.00	0.00	203.92	10.05	95.05	78.30	449.67	166.83	107.93	179.66	101.17	123.35	189.40	0.00	0.00	166.66	58.17
ENSMUSG00000034837	Gnat1	78.50	137.56	66.33	36.59	24.55	0.00	0.00	13.60	0.00	0.00	236.76	153.83	238.80	182.70	199.69	275.23	73.68	156.79	102.37	92.73	249.73	82.08	0.00	94.69	128.65
ENSMUSG00000034912	Mdga2	155.13	0.00	101.35	133.92	205.63	363.21	273.50	235.42	543.09	405.75	0.00	85.81	164.61	146.16	0.00	213.02	358.04	170.95	466.09	137.81	30.55	112.55	93.98	191.91	323.30
ENSMUSG00000034918	Cdhr2	377.54	0.00	49.19	8.28	67.52	0.00	83.83	17.89	0.00	0.00	563.63	517.16	714.07	253.18	466.91	822.85	1257.81	967.98	892.44	1481.07	741.55	422.27	688.35	744.93	920.67
ENSMUSG00000034990	Otoa	272.87	0.00	0.00	28.30	7.37	24.30	0.00	0.00	0.00	0.00	459.76	330.86	521.64	148.77	145.10	410.01	685.98	167.68	84.31	551.25	250.49	190.40	135.75	335.85	0.00
ENSMUSG00000035004	Igsf6	26.17	0.00	0.00	0.00	27.62	22.99	38.36	43.65	0.00	0.00	54.99	82.72	23.18	33.93	0.00	0.00	103.78	45.73	0.00	74.01	57.28	265.72	0.00	68.18	0.00
ENSMUSG00000035020	Epgn	136.44	132.19	41.73	35.21	106.81	0.00	14.21	22.90	69.93	0.00	200.86	275.98	206.34	221.86	1.44	375.14	324.83	348.43	481.75	739.26	313.88	506.05	178.40	277.77	586.19
ENSMUSG00000035031	C8a	107.47	0.00	0.00	20.71	0.00	0.00	6.39	0.00	0.00	0.00	12.22	84.26	90.42	5.22	212.62	128.19	125.57	228.66	139.71	99.53	145.10	55.85	0.00	0.00	0.00
ENSMUSG00000035033	Tbr1	24.30	0.00	0.00	37.97	69.36	0.00	0.00	0.00	0.00	0.00	35.90	29.38	44.05	0.00	145.10	0.00	112.08	28.31	24.09	38.28	0.00	11.00	107.91	0.00	0.00
ENSMUSG00000035042	Ccl5	1000.85	204.19	178.12	115.97	74.89	122.16	418.42	170.30	108.39	303.36	1188.36	1234.54	1414.23	991.82	3442.22	1625.90	2241.64	2423.75	2379.85	3457.24	3122.01	2359.31	2613.28	2587.05	2494.65
ENSMUSG00000035179	Ppp1r32	155.13	187.00	0.00	31.06	21.48	28.90	0.00	44.36	0.00	0.00	0.00	136.83	132.15	294.94	867.74	164.95	364.27	331.01	207.15	256.91	180.23	196.33	139.24	125.00	151.02
ENSMUSG00000035226	Rims4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.93	60.30	255.03	39.15	242.79	158.35	0.00	0.00	98.76	114.84	0.00	49.08	0.00	23.99	0.00
ENSMUSG00000035352	Ccl12	0.00	0.00	0.00	0.00	0.00	42.69	39.07	16.46	0.00	0.00	0.00	91.99	78.83	0.00	99.13	83.89	77.83	99.08	0.00	99.53	0.00	88.85	64.40	0.00	0.00
ENSMUSG00000035407	Kank4	146.72	0.00	0.00	8.28	69.98	132.02	65.36	72.99	13.99	341.28	47.35	134.51	166.93	174.87	0.00	206.42	337.28	188.37	183.07	115.69	174.12	144.71	107.04	59.34	43.63
ENSMUSG00000035448	Ccr3	0.00	0.00	0.00	0.00	0.00	40.06	0.00	12.16	0.00	83.42	48.11	0.00	0.00	20.88	0.00	126.30	59.15	67.51	96.35	78.26	48.11	0.00	0.00	141.41	118.58
ENSMUSG00000035459	Stab2	13.08	0.00	0.00	8.28	0.00	0.00	0.00	0.00	0.00	0.00	300.15	105.13	44.05	104.40	564.60	178.14	221.05	275.48	0.00	106.34	136.70	283.49	137.50	126.26	36.92
ENSMUSG00000035486	Plk5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	274.18	275.20	229.52	294.94	247.10	166.83	254.26	301.61	172.23	148.02	127.54	0.00	37.42	42.93	0.00
ENSMUSG00000035539	Ccdc180	51.40	51.59	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	79.43	23.96	25.50	190.53	176.71	374.19	548.99	175.30	168.61	147.17	119.14	0.00	216.69	291.66	316.59
ENSMUSG00000035615	Frmpd1	367.26	87.05	413.62	555.69	344.36	443.34	468.14	578.17	609.52	373.52	498.71	286.02	340.81	140.94	337.61	682.41	313.41	433.36	140.91	231.39	198.56	209.87	307.19	220.95	426.22
ENSMUSG00000035653	Lrfn5	5.61	0.00	0.00	0.00	9.82	20.36	0.00	0.00	0.00	0.00	0.00	6.18	11.59	0.00	0.00	0.00	0.00	27.22	52.99	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000035681	Kcnc2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.82	113.60	18.27	0.00	32.99	37.36	0.00	110.80	11.91	0.00	18.62	0.00	0.00	0.00
ENSMUSG00000035699	Slc51a	171.01	54.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1238.00	539.58	890.27	762.14	1126.33	720.11	379.83	289.63	652.77	856.65	200.85	108.32	407.26	135.10	244.99
ENSMUSG00000035780	Ugt2a3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.15	2.32	5.22	0.00	32.99	0.00	64.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000035804	Ins1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.44	0.00	26.98	49.24	0.00
ENSMUSG00000035805	Mlc1	50.46	0.00	0.00	21.40	0.00	0.00	0.00	0.00	0.00	0.00	56.52	100.50	37.09	80.91	172.40	97.08	0.00	55.53	122.85	0.00	0.00	90.55	0.00	32.83	0.00
ENSMUSG00000035811	Ugt2b35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.69	0.00	2.61	376.40	63.15	99.63	10.89	110.80	76.56	113.79	0.00	0.00	58.08	35.80
ENSMUSG00000035836	Ugt2b1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.61	0.00	54.22	16.23	9.27	7.83	0.00	19.79	48.78	87.11	0.00	82.52	81.72	0.00	0.00	18.94	0.00
ENSMUSG00000035860	Cdhr3	19.62	15.05	44.72	133.23	44.20	41.38	0.00	17.17	0.00	0.00	217.66	0.00	81.14	31.32	178.14	87.66	565.60	749.12	404.67	515.52	551.39	274.18	194.93	535.34	486.62
ENSMUSG00000035896	Rnase1	223.34	0.00	35.03	35.90	0.00	0.00	0.00	20.04	53.61	44.56	200.10	401.21	111.28	200.97	132.17	355.34	810.52	591.24	435.98	898.34	1211.23	1274.43	1160.88	1265.12	1213.76
ENSMUSG00000035910	Dcdc2a	77.56	167.65	0.00	55.22	77.34	18.39	184.70	78.71	0.00	302.41	244.39	40.97	222.57	83.52	35.92	243.18	410.97	173.13	246.90	328.37	128.30	317.34	384.64	332.06	295.33
ENSMUSG00000035930	Chst4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.11	13.91	18.27	0.00	49.01	0.00	32.67	0.00	11.91	51.17	0.00	46.12	0.00	0.00
ENSMUSG00000035951	Ascl3	0.00	0.00	0.00	13.12	32.53	40.06	0.00	3.58	0.00	0.00	0.00	33.24	0.00	0.00	0.00	42.41	46.70	0.00	0.00	0.00	126.77	0.00	114.87	30.30	109.63
ENSMUSG00000036083	Slc17a3	56.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	163.44	307.67	285.16	177.48	438.18	472.22	86.14	259.14	87.92	42.53	29.02	0.00	80.93	0.00	77.19
ENSMUSG00000036095	Dgkb	0.00	0.00	74.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	109.00	16.23	99.18	0.00	90.49	122.46	181.84	77.08	69.76	47.35	0.00	0.00	58.08	11.19
ENSMUSG00000036106	Prr5	183.16	0.00	36.52	12.43	76.11	146.47	111.53	118.07	86.24	230.37	102.34	24.74	69.55	5.22	747.06	0.00	79.91	62.06	0.00	95.28	67.97	169.25	93.98	31.56	0.00
ENSMUSG00000036110	Slc17a2	57.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.56	136.06	78.83	148.77	545.93	191.34	176.43	199.26	101.17	256.91	77.13	0.00	0.00	123.73	0.00
ENSMUSG00000036111	Lmo1	152.32	0.00	38.75	10.35	31.92	53.20	28.42	19.32	0.00	0.00	0.00	50.25	25.50	62.64	0.00	0.00	11.42	0.00	133.69	55.30	26.73	0.00	83.54	0.00	107.39
ENSMUSG00000036139	Hoxc9	45.79	165.50	12.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.07	68.03	127.51	33.93	96.26	73.52	269.83	217.77	136.09	126.75	216.13	86.32	74.84	84.59	100.68
ENSMUSG00000036144	Meox2	21.49	0.00	0.00	0.00	0.00	0.00	179.73	23.61	0.00	111.87	0.00	0.00	78.83	0.00	0.00	31.10	42.55	72.95	63.83	0.00	100.04	0.00	0.00	70.71	0.00
ENSMUSG00000036185	Sapcd1	171.95	1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.19	452.13	151.52	159.97	206.19	476.97	95.20	254.26	146.99	177.04	365.80	96.23	53.31	79.19	140.15	1.12
ENSMUSG00000036192	Rorb	22.43	0.00	21.61	52.46	0.00	0.66	12.79	0.00	0.00	0.00	110.74	0.00	39.41	0.00	0.00	235.64	38.40	144.82	44.56	29.77	24.44	93.09	194.93	97.22	0.00
ENSMUSG00000036198	Arhgap36	83.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.80	0.00	96.23	293.76	76.51	274.06	0.00	163.06	65.38	129.57	89.12	205.02	164.96	199.71	41.77	42.93	132.00
ENSMUSG00000036244	Tbc1d21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124.49	71.89	153.02	2.61	0.00	91.43	0.00	0.00	0.00	12.76	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000036295	Lrrn3	28.03	0.00	10.43	0.00	27.62	0.00	132.84	0.00	36.13	0.00	115.32	313.08	16.23	221.86	193.95	556.11	173.31	268.94	319.16	128.46	135.17	84.62	97.46	420.44	116.34
ENSMUSG00000036357	Gpr101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	157.33	175.48	32.46	107.01	0.00	95.20	0.00	29.40	0.00	42.53	68.73	33.85	0.00	88.38	0.00
ENSMUSG00000036401	Glt6d1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.01	17.86	0.00	0.00	0.00	50.50	0.00
ENSMUSG00000036412	Arsi	876.56	512.63	1082.86	958.83	1193.90	1337.90	1485.42	832.90	804.15	1172.69	400.19	241.19	352.40	430.66	942.44	252.60	822.97	403.96	896.06	535.94	539.94	557.67	711.84	406.56	279.67
ENSMUSG00000036437	Npy1r	140.17	0.00	56.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.30	301.49	268.94	229.69	0.00	112.16	203.41	71.86	145.73	145.47	79.42	47.39	0.00	15.15	58.17
ENSMUSG00000036449	Lcn8	177.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1035.62	529.53	510.05	467.20	1185.24	582.50	185.77	162.24	190.29	533.39	168.01	272.49	35.68	85.86	203.60
ENSMUSG00000036469	Mar-01	12.15	0.00	0.00	0.00	0.00	22.33	0.00	0.00	0.00	0.00	132.89	73.44	201.70	146.16	0.00	82.94	0.00	41.38	79.49	146.32	3.05	107.47	0.00	51.77	0.00
ENSMUSG00000036500	Akp3	194.38	0.00	0.75	20.71	25.78	11.82	0.00	3.58	82.75	0.00	1413.66	932.29	864.77	824.78	1406.48	1144.26	744.10	591.24	547.99	1379.83	678.17	599.14	265.42	367.41	1120.91
ENSMUSG00000036523	Greb1	84.10	0.00	23.10	0.00	16.57	0.00	0.00	42.93	0.00	7.58	359.72	298.39	236.48	109.62	123.55	230.93	248.03	233.01	317.96	144.62	147.39	0.00	139.24	184.34	0.00
ENSMUSG00000036526	Card11	167.28	0.00	0.00	0.00	0.00	132.67	43.33	35.06	69.93	66.36	139.00	57.20	104.33	78.30	0.00	246.95	127.65	56.62	233.65	160.78	197.03	340.19	232.35	191.91	194.65
ENSMUSG00000036553	Sh3tc1	98.12	0.00	38.75	0.00	7.37	111.00	73.88	45.80	103.72	98.59	373.46	193.26	245.75	161.82	337.61	482.59	324.83	315.76	208.36	491.70	482.66	220.87	95.72	367.41	460.89
ENSMUSG00000036560	Lgi4	54.20	0.00	76.76	0.00	23.94	0.00	0.00	0.00	0.00	0.00	70.26	0.00	0.00	13.05	0.00	24.51	93.40	11.98	0.00	28.07	100.04	0.00	23.50	88.38	0.00
ENSMUSG00000036578	Fxyd7	0.00	0.00	0.00	13.12	0.00	0.00	0.00	0.00	0.00	96.70	55.75	61.07	76.51	13.05	351.98	90.49	24.91	67.51	91.53	23.82	0.00	64.31	38.29	0.00	0.00
ENSMUSG00000036586	Grifin	55.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	213.84	176.25	264.30	117.45	0.00	51.84	171.24	71.86	81.90	142.92	3.82	139.63	40.03	68.18	125.29
ENSMUSG00000036596	Cpz	109.34	0.00	0.00	0.69	0.00	0.00	103.01	0.00	212.11	0.00	413.94	325.45	248.07	190.53	530.12	627.74	128.69	173.13	362.52	226.29	362.76	156.55	259.33	207.07	24.61
ENSMUSG00000036602	Alx1	0.00	0.00	0.00	0.00	0.00	17.08	0.00	0.00	0.00	0.00	71.03	25.51	120.56	109.62	0.00	37.70	60.19	9.80	54.20	137.81	0.00	0.85	79.19	0.00	0.00
ENSMUSG00000036655	Colec11	0.00	0.00	37.26	0.00	27.62	42.69	0.00	0.00	0.00	18.96	84.01	91.22	46.37	177.48	206.88	159.29	11.42	119.77	3.61	64.65	0.00	0.00	31.33	51.77	16.78
ENSMUSG00000036699	Zcchc12	208.39	0.00	214.63	180.17	168.19	52.54	0.00	62.25	0.00	0.00	172.60	465.37	222.57	339.31	226.99	460.91	259.45	158.97	45.77	187.15	42.00	231.87	66.14	69.44	185.70
ENSMUSG00000036745	Ttll7	0.00	131.11	134.89	118.73	200.72	191.13	66.78	91.59	0.00	61.62	63.39	39.43	4.64	31.32	0.00	52.78	83.02	90.37	304.71	38.28	0.00	57.54	29.59	50.50	0.00
ENSMUSG00000036790	Slitrk2	18.69	0.00	18.63	0.00	0.00	26.93	0.00	9.30	0.00	0.00	145.87	81.17	48.69	2.61	0.00	157.41	56.04	111.06	0.00	58.70	119.90	220.87	0.00	0.00	0.00
ENSMUSG00000036800	Fam135b	75.69	0.00	0.00	0.00	65.07	0.00	0.00	0.00	47.78	0.00	0.00	104.36	23.18	26.10	0.00	215.84	21.79	35.93	373.36	115.69	0.00	0.00	0.00	46.72	0.00
ENSMUSG00000036813	Entpd8	239.23	102.10	0.00	0.00	29.46	0.00	67.49	0.00	0.00	0.00	145.87	99.72	53.32	125.28	0.00	229.04	342.47	235.19	130.07	257.76	0.00	16.08	171.43	335.85	225.97
ENSMUSG00000036816	Atoh7	45.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.26	82.72	192.43	28.71	432.43	161.18	99.63	167.68	0.00	52.74	0.00	0.00	0.00	0.00	6.71
ENSMUSG00000036832	Lpar3	223.34	144.01	160.23	133.23	46.65	105.09	257.16	249.73	0.00	124.19	74.08	228.05	83.46	39.15	219.81	469.39	228.31	42.46	0.00	24.67	196.27	175.17	335.91	169.19	36.92
ENSMUSG00000036896	C1qc	125.22	0.00	0.00	73.17	13.50	82.10	0.00	82.29	0.00	24.65	410.89	303.80	329.21	148.77	642.18	511.81	165.01	474.73	245.69	428.75	143.58	871.62	0.00	289.13	255.06
ENSMUSG00000036907	C1ql2	50.46	0.00	119.99	104.24	4.30	151.72	82.40	26.48	80.42	321.38	0.00	115.96	120.56	394.12	202.57	239.41	26.98	79.49	0.00	104.64	0.00	92.24	57.43	87.12	93.97
ENSMUSG00000036924	Cst13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.27	15.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000036938	Try5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158.86	117.50	0.00	120.06	0.00	67.86	0.00	33.75	49.38	74.01	16.04	46.54	0.00	40.40	110.75
ENSMUSG00000036951	C130079G	36.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	174.13	0.00	153.02	20.88	0.00	0.00	58.12	19.60	144.53	51.04	185.58	0.00	0.00	7.58	0.00
ENSMUSG00000036958	Cst11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.41	33.93	0.00	124.42	0.00	0.00	0.00	112.29	0.00	0.00	0.00	49.24	51.46
ENSMUSG00000036962	Cfap221	30.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.46	28.71	373.53	0.00	6.23	27.22	112.01	0.00	48.88	47.39	0.00	26.51	0.00
ENSMUSG00000037025	Foxa2	0.00	0.00	0.00	29.68	17.19	0.00	0.00	27.91	0.00	0.00	22.91	54.89	27.82	20.88	127.86	68.81	209.63	178.57	387.81	206.72	150.45	21.16	55.69	89.64	266.24
ENSMUSG00000037053	Azgp1	0.00	0.00	0.00	0.00	37.44	0.00	0.00	0.00	0.00	0.00	0.00	61.07	213.29	88.74	0.00	174.37	176.43	31.58	470.91	126.75	60.33	154.86	60.05	53.03	153.26
ENSMUSG00000037101	Ttc29	60.74	78.45	0.00	0.00	0.00	0.00	0.00	17.89	0.00	0.00	4.58	20.87	0.00	0.00	0.00	41.47	58.12	81.66	0.00	114.84	48.11	35.54	0.00	117.42	228.21
ENSMUSG00000037106	Fer1l6	484.07	0.00	46.21	60.75	0.00	15.76	0.00	12.88	202.79	0.00	531.56	895.18	517.01	921.35	784.41	851.13	451.44	678.35	915.33	749.47	189.40	512.82	520.39	248.73	132.00
ENSMUSG00000037161	Mgarp	66.35	180.55	112.53	0.00	25.17	141.87	186.12	102.32	157.33	0.00	84.01	81.17	108.97	125.28	142.23	31.10	112.08	89.28	43.36	107.19	54.22	115.93	0.00	108.58	128.65
ENSMUSG00000037169	Mycn	53.27	0.00	0.00	97.33	9.82	12.48	93.77	95.88	0.00	42.66	142.05	166.98	115.92	135.72	0.00	97.08	231.43	180.75	283.03	142.07	109.97	294.49	110.52	193.18	58.17
ENSMUSG00000037185	Krt80	182.23	288.02	0.00	91.81	5.52	66.34	73.17	31.48	192.30	45.50	607.16	398.12	273.57	300.16	228.43	892.60	1123.93	1376.29	840.66	1851.97	1316.62	1211.81	931.14	1474.71	1463.23

ENSMUSG00000037202	Prf1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.05	67.25	99.69	62.64	0.00	27.33	33.21	94.73	0.00	73.16	9.93	62.62	0.00	34.09	0.00
ENSMUSG00000037247	Pldi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.97	50.25	0.00	0.00	0.00	0.00	29.06	0.00	0.00	0.00	0.00	0.00	0.00	42.93	0.00
ENSMUSG00000037335	Hand1	47.66	104.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	835.52	965.53	653.79	785.63	1011.40	1082.99	573.90	368.03	604.60	403.23	265.00	236.10	224.52	142.67	127.53
ENSMUSG00000037346	Hrh4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.21	0.00	0.00	0.00	0.00	32.99	49.81	46.82	0.00	45.09	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000037362	Nov	198.11	102.10	108.81	160.15	71.20	91.29	146.34	22.18	0.00	67.31	573.56	664.04	540.19	621.19	435.31	623.97	1275.45	828.61	532.33	1319.43	503.28	534.82	644.83	383.83	481.03
ENSMUSG00000037379	Spon2	467.25	1833.45	455.35	677.87	412.49	1083.06	542.02	656.16	640.99	570.70	88.59	34.79	129.83	65.25	385.02	564.59	248.03	146.99	232.44	125.90	427.67	264.87	132.27	305.55	203.60
ENSMUSG00000037390	Muc3	228.02	342.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	243.63	326.22	280.53	229.69	311.75	1076.40	518.90	170.95	423.94	635.47	749.95	480.66	517.78	489.89	340.08
ENSMUSG00000037418	Best1	0.00	0.00	49.93	0.00	3.07	0.00	81.69	21.47	48.95	95.75	188.64	126.78	67.23	185.31	188.20	172.49	26.98	91.46	190.29	91.02	98.52	0.00	0.00	0.00	146.55
ENSMUSG00000037428	Vgf	767.22	187.00	148.31	0.00	64.45	0.00	71.75	12.88	40.79	0.00	2167.46	1909.41	2733.40	2033.24	1567.39	1876.62	1817.18	1758.47	2008.90	1905.56	1266.22	1388.67	1362.77	1075.73	808.80
ENSMUSG00000037529	Prss40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.36	0.00
ENSMUSG00000037583	Nr0b2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.53	34.79	9.27	93.96	0.00	72.58	0.00	21.78	0.00	0.00	0.00	0.00	23.50	0.00	0.00
ENSMUSG00000037610	Kcnmb2	30.84	85.98	0.00	57.29	34.99	0.00	0.00	23.61	0.00	0.00	98.52	185.53	234.16	101.79	74.71	283.71	73.68	303.79	55.40	205.02	291.73	212.41	145.33	31.56	115.22
ENSMUSG00000037625	Cldn11	0.00	0.00	0.00	0.00	0.00	0.00	40.49	0.00	0.00	0.00	92.41	42.52	197.06	122.67	1.44	108.39	58.12	92.55	45.77	19.57	0.00	0.00	0.00	58.08	0.00
ENSMUSG00000037653	Kctd8	0.00	0.00	42.48	12.43	0.00	54.51	0.00	12.88	9.32	0.00	18.33	0.00	76.51	0.00	0.00	36.76	0.00	35.93	0.00	0.00	29.78	44.85	0.00	39.14	0.00
ENSMUSG00000037683	Armc3	14.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.11	0.00	9.27	0.00	0.00	16.02	148.40	0.00	0.00	182.05	58.80	0.00	33.07	36.62	52.58
ENSMUSG00000037689	Tmem247	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.68	0.00	0.00	0.00	0.00	0.00	0.00	59.89	27.70	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000037708	Spag6	0.00	0.00	0.00	35.21	41.74	0.00	0.00	0.00	0.00	0.00	0.00	64.16	81.14	0.00	152.29	58.44	0.00	0.00	0.00	40.83	28.26	0.00	0.00	26.51	24.61
ENSMUSG00000037727	Avp	66.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	462.82	226.50	287.48	135.72	251.41	334.61	167.08	511.75	172.23	290.94	344.43	225.10	395.95	383.83	67.12
ENSMUSG00000037731	Themis2	65.41	126.82	0.00	21.40	0.00	0.00	0.00	45.08	0.00	42.66	252.03	136.83	187.79	80.91	495.64	114.99	157.74	108.88	244.49	262.02	139.76	162.48	211.46	101.01	246.11
ENSMUSG00000037771	Slc32a1	57.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.61	69.57	81.14	177.48	428.12	124.42	13.49	52.26	46.97	85.92	48.88	31.31	0.00	5.05	0.00
ENSMUSG00000037780	Mbl1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.81	61.84	62.60	31.32	38.79	0.00	89.25	35.93	0.00	0.00	0.00	0.00	70.49	0.00	0.00
ENSMUSG00000037797	Adh4	93.45	119.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.57	51.79	83.46	23.49	242.79	144.21	23.87	0.00	0.00	230.54	29.78	38.08	0.00	51.77	49.22
ENSMUSG00000037798	Mat1a	143.91	37.61	0.00	43.49	17.80	290.96	88.09	0.00	110.72	76.79	288.69	732.84	482.23	368.02	922.33	841.70	918.45	377.83	863.54	794.55	376.50	638.06	368.97	311.86	185.70
ENSMUSG00000037922	Bank1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.46	0.00	0.00	0.00	82.72	53.32	0.00	215.50	46.19	124.54	44.64	0.00	24.67	25.20	0.00	0.00	40.40	0.00
ENSMUSG00000037974	Muc5ac	1275.59	206.34	134.89	51.08	33.76	200.32	204.59	109.48	335.65	0.00	4153.16	4162.82	3646.86	4405.78	3195.11	4484.67	3759.93	2848.40	4552.54	4311.34	5634.58	4138.09	2564.54	4054.19	2757.54
ENSMUSG00000037984	Neurod6	81.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000037994	Slc9b2	96.25	0.00	0.00	0.00	0.00	0.00	71.04	0.00	0.00	0.00	0.00	39.43	16.23	15.66	1.44	139.50	29.06	81.66	51.79	59.55	0.00	13.54	0.00	0.00	55.93
ENSMUSG00000037996	Slc24a2	14.02	0.00	0.00	0.00	35.60	0.00	0.00	34.35	0.00	0.00	0.00	8.50	0.00	73.08	158.03	115.93	92.36	17.42	37.34	43.39	0.00	0.00	0.00	8.84	90.61
ENSMUSG00000038007	Acer2	275.68	53.74	81.23	259.55	158.98	317.23	264.26	360.64	317.00	255.01	261.96	413.58	517.01	415.00	1272.87	389.27	250.11	398.51	298.69	635.47	607.14	388.42	375.94	170.45	302.04
ENSMUSG00000038026	Kcnj9	44.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.92	0.00	198.57	129.10	136.79	31.32	0.00	281.82	136.99	137.19	221.61	172.69	110.74	147.25	26.98	51.77	168.92
ENSMUSG00000038071	Npy6r	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	0.00	39.41	0.00	0.00	40.53	40.47	0.00	0.00	11.06	0.00	0.00	0.00	60.60	0.00
ENSMUSG00000038135	Crygn	0.00	183.77	0.00	0.00	33.15	0.00	0.00	28.62	80.42	0.00	55.75	37.11	23.18	5.22	367.78	129.13	60.19	90.37	246.90	39.98	34.37	136.24	270.64	23.99	128.65
ENSMUSG00000038148	Cldn16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.47	0.00	22.62	8.30	0.00	0.00	44.24	0.00	84.62	0.00	0.00	0.00
ENSMUSG00000038193	Hand2	18.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	2.32	0.00	0.00	17.91	23.87	53.35	0.00	34.03	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000038210	Hoxa11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.19	13.14	16.23	0.00	0.00	0.94	35.29	0.00	99.96	0.00	27.49	0.00	0.00	0.00	0.00
ENSMUSG00000038216	Pnmt	6.54	0.00	0.00	22.78	0.00	0.00	0.00	15.03	0.00	0.00	119.91	493.97	164.61	294.94	846.19	254.49	225.20	228.66	476.93	395.57	266.53	136.24	399.43	142.67	46.98
ENSMUSG00000038242	Aox4	741.06	3.22	272.02	429.37	271.31	109.69	83.83	132.38	150.34	206.67	634.66	850.34	294.44	835.22	663.73	1273.39	1109.40	1060.53	1352.52	1736.28	1082.16	859.78	658.76	835.84	1050.44
ENSMUSG00000038255	Neurod2	4.67	124.67	35.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	405.54	386.52	208.66	336.70	748.50	235.64	453.52	199.26	326.39	127.60	132.88	36.39	177.53	35.35	95.09
ENSMUSG00000038259	Gdf5	2.80	0.00	0.00	2.07	82.25	77.50	17.05	62.97	0.00	78.68	60.33	17.78	127.51	0.00	0.00	77.29	66.42	40.29	203.54	57.00	16.80	1.69	0.00	35.35	0.00
ENSMUSG00000038298	Pdzk1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.78	34.79	92.74	49.59	0.00	45.24	0.00	40.29	0.00	41.68	68.73	148.09	0.00	85.86	155.50
ENSMUSG00000038300	Pth2	0.00	0.00	14.16	0.00	33.76	0.00	0.00	0.00	0.00	0.00	9.93	19.33	102.01	0.00	0.00	20.74	28.02	33.75	0.00	30.63	77.90	0.00	33.94	0.00	30.20
ENSMUSG00000038357	Camp	161.67	0.00	0.00	0.00	0.00	9.85	0.00	15.03	0.00	60.67	467.40	213.36	115.92	318.43	495.64	424.15	191.99	284.19	392.63	381.11	358.94	239.48	548.24	232.32	196.89
ENSMUSG00000038403	Hfe2	38.31	0.00	286.92	331.34	253.51	0.00	0.00	18.60	88.57	0.00	77.90	73.44	69.55	36.54	185.33	95.20	53.97	0.00	144.53	91.02	0.00	126.94	67.01	54.29	20.14
ENSMUSG00000038453	Srcin1	444.82	34.39	131.91	0.00	50.95	7.22	58.96	27.91	0.00	0.00	930.99	521.80	653.79	467.20	665.17	503.32	510.59	513.93	423.94	427.05	263.48	104.09	391.60	333.32	213.67
ENSMUSG00000038463	Olfml2b	60.74	59.11	215.38	390.02	108.03	157.63	58.25	15.74	0.00	109.97	0.00	0.00	81.14	57.42	0.00	81.06	87.17	162.24	0.00	227.99	62.62	333.42	153.16	93.43	0.00
ENSMUSG00000038496	Slc19a3	71.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.59	184.76	57.96	347.14	0.00	249.78	30.10	82.75	74.67	168.44	0.00	57.54	0.00	87.12	0.00
ENSMUSG00000038541	Srd5a2	0.00	0.00	0.00	22.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.38	9.27	18.27	469.79	188.51	0.00	0.00	85.51	11.06	0.00	0.00	51.34	18.94	0.00
ENSMUSG00000038555	Reep2	128.96	0.00	0.00	133.92	33.76	44.01	25.57	40.79	0.00	0.95	134.42	57.20	136.79	5.22	149.41	110.28	33.21	91.46	0.00	64.65	113.79	130.32	171.43	95.96	64.88
ENSMUSG00000038560	Sp6	29.90	0.00	0.00	37.97	0.00	0.00	0.00	20.75	5.83	0.00	68.74	50.25	132.15	10.44	0.00	63.15	106.89	44.64	113.21	124.20	76.37	0.00	64.40	46.72	0.00
ENSMUSG00000038567	Cyp24a1	85.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	182.53	153.83	169.24	208.80	0.00	175.31	197.18	207.97	251.71	115.69	106.92	239.48	181.01	275.25	167.80
ENSMUSG00000038578	Susd1	39.25	228.91	0.00	144.27	73.66	65.68	65.36	105.19	124.70	113.76	167.26	85.03	208.66	161.82	0.00	238.47	133.88	129.57	0.00	16.16	126.01	160.78	97.46	92.17	363.57
ENSMUSG00000038591	Colec10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.41	172.39	287.48	36.54	179.58	323.30	186.80	58.80	39.74	165.89	42.00	71.93	46.99	45.45	0.00
ENSMUSG00000038624	Nepn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.23	65.71	4.64	86.13	0.00	104.62	0.00	67.51	49.38	28.07	0.00	0.00	33.94	0.00	0.00
ENSMUSG00000038700	Hoxb5	62.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.02	19.33	76.51	7.83	93.38	0.00	107.93	38.11	48.18	119.10	28.26	5.08	23.50	0.00	0.00
ENSMUSG00000038704	Aspdh	57.00	0.00	0.00	0.00	0.00	34.15	0.00	0.00	0.00	0.00	334.51	279.84	197.06	86.13	0.00	123.47	111.04	358.23	216.79	223.73	88.59	52.47	93.11	42.93	29.09
ENSMUSG00000038721	Hoxb7	11.21	77.38	43.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.95	62.62	11.59	0.00	215.50	0.00	84.06	38.11	51.79	55.30	56.51	103.24	0.00	37.88	6.71
ENSMUSG00000038745	Nlrp6	216.80	0.00	0.00	13.81	0.00	0.00	0.00	0.00	0.00	0.00	430.74	439.86	322.26	18.27	1675.14	518.40	429.65	239.54	326.39	674.60	572.78	154.01	362.01	172.98	159.97
ENSMUSG00000038750	Omt2b	0.00	0.00	0.00	0.00	0.00	44.66	0.00	0.00	0.00	0.00	32.84	18.55	41.73	26.10	303.13	78.23	99.63	98.00	122.85	68.91	58.04	57.54	163.60	0.00	0.00
ENSMUSG00000038756	Ttll6	258.86	0.00	0.00	0.00	0.00	17.73	0.00	0.00	0.00	328.01	539.19	470.78	540.19	769.97	340.49	740.85	1064.78	946.20	390.22	797.96	543.75	270.80	517.78	228.53	269.60
ENSMUSG00000038760	Trhr	26.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139.00	137.60	139.10	33.93	0.00	139.50	130.76	53.35	0.00	129.31	77.13	0.00	52.21	90.91	115.22
ENSMUSG00000038775	Vill	148.59	140.79	65.58	105.62	48.49	127.42	78.85	215.38	55.94	47.40	103.10	58.75	176.20	177.48	202.57	117.82	88.21	115.42	478.14	198.21	295.55	279.26	127.92	507.56	202.48
ENSMUSG00000038782	1700028J1	27.10	0.00	0.00	24.85	0.00	33.50	28.42	17.89	0.00	0.00	150.45	170.84	146.06	219.25	68.96	87.66	153.59	160.06	0.00	70.61	94.70	0.00	0.00	98.48	60.41
ENSMUSG00000038791	Scgb3a2	22.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.20	0.00	0.00	0.00	13.05	0.00	0.00	149.44	0.00	0.00	52.74	210.02	136.24	231.48	220.95	46.98
ENSMUSG00000038793	Lefty1	82.24	95.65	0.00	0.00	30.08	14.45	0.00	0.00	0.00	0.00	245.16	350.96	132.15	182.70	449.67	292.19	337.28	240.63	432.37	249.25	126.77	113.40	0.00	63.13	2.24
ENSMUSG00000038840	Birc7	61.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	298.62	342.46	426.59	0.00	267.22	469.39	277.09	167.68	397.44	245.85	277.22	135.40	172.30	90.91	0.00
ENSMUSG00000038860	Garnl3	230.82	361.10	100.61	60.75	117.86	36.12	68.91	40.07	46.62	0.00	749.22	596.79	959.82	336.70	1073.18	870.92	642.39	798.12	401.06	805.61	284.86	340.19	345.48	318.17	397.13
ENSMUSG00000038891	Prl3b1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.13	18.55	7.83	235.61	85.77	71.61	32.67	0.00	0.00	31.31	0.00	51.34	44.19	0.00
ENSMUSG00000038925	E330034G	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.90	80.40	6.96	7.83	601.96	162.12	0.00	72.95	185.47	41.68	0.00	55.01	53.95	16.41	57.05
ENSMUSG00000038932	Tcfl5	66.35	0.00	0.00	0.00	0.00	12.48	0.00	0.00	0.00	0.00	119.14	151.52	37.09	190.53	226.99	293.13	0.00	63.15	7.23	122.50	25.20	0.00	0.00	30.30	50.34
ENSMUSG00000038968	Klk1b16	223.34	0.00	0.00	0.00	0.00	0.00	27.71	7.16	0.00	0.00	179.48	61.07	90.42	62.64	120.68	267.69	567.67	756.74	231.24	934.92	899.64	718.45	1040.79	1169.16	1016.88
ENSMUSG00000039013	Siglec5	62.61	0.00	0.00	0.00	85.94	0.00	0.00	0.00	61.77	122.29	78.66	69.57	217.93	60.03	0.00	79.17	244.92	19.60	30.11	115.69	327.63	374.88	234.96	222.22	82.78
ENSMUSG00000039057	Myo16	345.76	369.70	263.08	261.62	279.91	171.42	106.56	108.05	0.00	18.01	351.32	402.75	194.75	297.55	555.98	274.28	874.86	393.07	145.73	450.02	157.32	378.27	314.15	621.20	59.29
ENSMUSG00000039059	Hrh3	62.61	0.00	46.21	85.60	41.13	0.00	55.41	0.00	0.00	0.00	208.50	255.88	190.11	78.30	107.75	108.39	185.77	44.64	113.21	7.66	49.64	44.00	0.00	20.20	54.82
ENSMUSG00000039084	Chad	0.00	0.00	0.00	0.00	65.68	7.88	5.68	72.99	37.29	78.68	0.00	80.40	25.50	33.93	317.50	154.58	100.67	100.17	157.77	114.84	26.73	128.63	0.00	190.65	114.10
ENSMUSG00000039095	En2	57.94	0.00	0.00	52.46	12.89	0.00	0.00	0.00	0.00	0.00	40.48	98.18	20.87	70.47	155.16	58.44	96.51	96.91	101.17	93.58	0.00	0.00	203.63	61.87	0.00
ENSMUSG00000039179	Tekt5	288.76	505.11	740.79	532.91	648.20	562.88	490.17	978.16	395.08	605.78	48.11	98.18	113.60	54.81	0.00	173.43	378.79	253.70	352.88	421.95	549.86	533.98	603.93	694.43	866.97
ENSMUSG00000039194	Rlbp1	102.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	273.41	224.95	310.67	135.72	110.62	264.86	266.71	165.50	528.72	280.73	98.52	86.32	169.69	167.92	29.09
ENSMUSG00000039198	Ptchd3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.88	43.29	67.23	0.00	0.00	40.53	85.10	125.22	0.00	156.53	22.15	0.00	97.46	27.78	0.00
ENSMUSG00000039200	Atf7ip2	47.66	106.40	38.75	82.84	13.50	32.18	68.20	32.20	0.00	0.00	62.63	0.00	238.80	0.00	389.33	36.76	64.34	26.13	0.00	32.33	0.00	50.77	0.00	34.09	58.17
ENSMUSG00000039257	Vstm2b	0.00	238.58	98.37	89.05	247.99	402.62	171.20	155.99	53.61	215.20	489.55	221.09	197.06	247.96	89.07	372.31	218.97	193.81	464.89	302.85	138.23	233.56	100.08	222.22	123.05
ENSMUSG00000039278	Pcsk1n	48.59	0.00	0.00	0.00	0.00	25.62	0.00	0.00	0.00	0.00	0.00	85.03	11.59	15.66	0.00	85.77	36.32	60.97	71.06	9.36	102.34	99.86	77.45	30.30	0.00
ENSMUSG00000039296	Spdye4a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.43	34.78	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.00	95.72	0.00	0.00
ENSMUSG00000039315	Clnk	28.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.55	12.37	0.00	0.00	0.00	52.78	10.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000039329	Tex19.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.18	0.00	0.00	0.00	19.33	2.32	5.22	0.00	54.67	0.00	58.80	79.49	0.00	42.77	0.00	37.42	0.00	0.00
ENSMUSG00000039337	Tex19.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.48	14.69	9.27	26.10	0.00	100.85	46.70	23.95	0.00	43.39	0.00	98.16	70.49	0.00	104.04
ENSMUSG00000039376	Synpo2l	80.37	0.00	286.92	452.15	143.02	85.38	0.00	20.75	93.23	0.00	84.77	112.86	231.84	130.50	304.57	94.26	238.69	107.79	219.20	194.81	113.03	0.00	65.27	47.98	0.00
ENSMUSG00000039385	Cdh6	95.32	1.07	0.00	0.00	0.00	9.85	56.12	0.00	0.00	40.76	36.66	71.89	11.59	104.40	201.13	237.52	150.48	121.95	112.01	84.22	38.95	1.69	163.60	93.43	92.85
ENSMUSG00000039391	Ccdc81	119.62	0.00	0.00	0.00	0.00	0.00	0.00	21.47	85.08	102.39	109.98	64.94	46.37	214.03	127.86	114.99	0.00	100.17	114.42	311.36	229.11	352.88	147.07	174.24	209.19
ENSMUSG00000039410	Prdm16	157.00	0.00	142.34	69.03	92.69	135.96	108.69	159.57	0.00	38.87	346.73	532.62	190.11	242.74	71.83	467.51	461.82	437.71	202.34	347.94	258.13	258.10	13.92	90.91	218.14
ENSMUSG00000039438	Ttc36	88.78	119.29	14.16	56.60	74.89	94.58	0.00	0.00	0.00	24.65	200.10	183.98	210.98	133.11	0.00	149.87	347.66	250.43	277.01	153.98	656.02	563.59	575.22	287.87	0.00
ENSMUSG00000039462	Col10a1	355.11	0.00	0.00	0.00	0.00	38.09	0.00	0.00	0.00	22.75	1317.43	957.02	419.63	882.20	1261.38	1450.59	885.24	738.23	916.53	1480.22	617.83	765.00	765.80	446.96	544.80
ENSMUSG00000039476	Prrx2	14.02	0.00	0.00	0.00	0.00	0.00	31.97	62.97	89.74	0.00	0.00	16.23	39.41	52.20	0.00	88.60	4.15	29.40	0.00	119.10	14.51	32.16	0.00	11.36	13.42
ENSMUSG00000039518	Cdsn	142.04	0.00	60.37	11.04	44.20	0.00	0.00	0.00	0.00	72.05	729.36	555.04	352.40	310.60	137.92	728.59	870.71	422.47	299.89	787.75	736.21	257.26	281.08	462.11	313.23
ENSMUSG00000039540	4921524L2	25.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.05	0.00	66.92	48.78	0.00	0.00	0.00	0.00	80.39	0.00	47.98	0.00
ENSMUSG00000039543	Cfap70	40.18	0.00	0.00	0.00	0.00	38.75	0.00	34.35	0.00	0.00	94.70	94.31	336.17	159.21	192.51	21.68	284.36	206.88	43.36	328.37	200.09	120.17	73.10	300.50	144.31
ENSMUSG00000039577	Nphp4	136.44	200.97	0.00	41.42	0.00	86.04	26.28	132.38	37.29	147.89	74.85	159.25	187.79	99.18	0.00	229.98	217.94	95.82	157.77	180.35	86.30	115.93	139.24	53.03	0.00
ENSMUSG00000039579	Grin3a	112.14	0.00	0.00	0.00	15.35	0.00	48.31	5.01	0.00	0.00	212.32	226.50	208.66	49.59	613.45	120.65	116.23	50.09	59.01	97.83	81.72	128.63	14.79	49.24	43.63
ENSMUSG00000039628	Hs3st6	0.00	173.03	61.86	34.51	8.59	71.59	220.93	10.02	26.81	44.56	181.00	119.05	9.27	109.62	247.10	75.40	60.19	29.40	30.11	109.74	0.00	185.33	7.83	0.00	69.36
ENSMUSG00000039639	Kcne1	42.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.72	54.11	201.70	91.35	229.86	0.00	15.57	47.91	37.34	79.11	0.00	27.93	0.00	114.90	0.00
ENSMUSG00000039672	Kcne2	60.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.36	119.14	155.38	310.67	347.14	132.17	416.61	250.11	284.19	356.50	291.79	103.86	0.00	164.47	102.27	22.37
ENSMUSG00000039699	Batf2	46.72	106.40	0.00	26.23	40.51	21.67	30.55	47.94	0.00	55.93	286.40	117.50	41.73	13.05	416.63	198.88	144.25	63.15	161.39	79.11	0.00	9.31	0.00	40.40	23.49
ENSMUSG00000039714	Cplx3	49.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	193.99	49.47	222.57	172.26	0.00	127.24	79.91	31.58	30.11	145.47	91.64	8.46	66.14	13.89	88.38
ENSMUSG00000039716	Dock3	94.38	368.62	0.00	0.00	77.96	86.04	0.00	0.00	16.32	0.00	449.07	340.14	361.67	386.29	699.65	489.18	391.25	431.18	217.99	410.04	142.05	51.62	1.74	135.10	39.15
ENSMUSG00000039717	Ralyl	0.00	0.00	0.00	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	177.48	0.00	0.00	0.00	0.00	101.17	35.73	0.00	0.00	27.85	21.46	0.00
ENSMUSG00000039720	Got1l1	34.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.57	27.83	0.00	88.74	0.00	65.04	0.00	16.33	55.40	37.43	11.46	92.24	0.00	0.00	55.93
ENSMUSG00000039728	Slc6a5	99.06	110.69	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	801.92	850.34	941.27	649.91	145.10	550.45	620.60	594.51	599.78	1031.05	446.00	351.19	168.82	180.55	191.29
ENSMUSG00000039742	Fam71f1	49.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.88	31.69	27.82	0.00	0.00	7.54	59.15	26.13	149.34	29.77	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000039760	Il22ra2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205.44	71.89	4.64	120.06	360.60	0.00	83.02	18.51	4.82	113.14	0.00	90.55	0.00	15.15	0.00
ENSMUSG00000039860	Srrm3	205.59	0.00	0.00	0.00	0.00	0.00	3.55	0.00	0.00	0.00	100.05	187.85	326.90	381.07	218.37	472.22	159.82	206.88	185.47	245.00	45.82	95.62	35.68	137.62	1.12
ENSMUSG00000039904	Gpr37	74.76	92.42	0.00	0.00	0.00	0.00	0.00	15.74	0.00	0.00	73.32	13.14	127.51	174.87	0.00	318.58	58.12	33.75	80.69	193.96	66.44	111.70	155.77	55.55	30.20
ENSMUSG00000039913	Pak7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.63	0.00	0.00	21.65	46.37	15.66	0.00	43.36	24.91	55.53	315.55	0.00	0.00	69.39	0.00	0.00	0.00
ENSMUSG00000039954	Stk32a	34.58	0.00	0.00	26.92	0.00	0.00	48.31	50.80	34.96	0.00	100.81	190.17	252.71	109.62	0.00	209.25	96.51	107.79	81.90	282.43	164.20	99.86	0.00	49.24	88.38
ENSMUSG00000039977	Deup1	149.52	87.05	0.00	44.18	31.92	0.00	29.84	19.32	0.00	111.87	167.26	214.91	146.06	99.18	1232.65	541.97	1055.44	819.89	560.04	820.92	345.96	467.12	181.88	412.87	225.97
ENSMUSG00000039982	Dtx4	1027.95	548.10	955.42	1102.41	1128.83	1029.20	1195.58	1520.55	1513.90	1330.06	222.25	214.13	90.42	289.72	221.24	650.36	526.16	435.53	315.55	345.38	758.35	859.78	616.12	1332.04	935.21
ENSMUSG00000040013	Fkbp6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.21	0.00	0.00	0.00	0.00	75.40	0.00	102.35	0.00	0.00	0.00	0.00	0.00	32.83	0.00
ENSMUSG00000040017	Saa4	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	377.28	246.60	266.62	310.60	591.90	475.99	231.43	244.99	411.90	198.21	233.69	418.04	109.65	170.45	41.39
ENSMUSG00000040026	Saa3	1695.18	257.93	0.00	46.94	40.51	51.23	83.12	13.60	82.75	581.13	3022.07	2077.16	1138.34	1490.35	6091.40	4159.49	5390.30	3408.06	3716.71	5431.71	7401.79	8224.57	6698.10	7200.57	8444.88
ENSMUSG00000040037	Negr1	130.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.79	318.47	29.38	37.09	18.27	83.33	190.40	134.91	108.88	22.88	183.75	0.00	6.77	0.00	39.14	0.00
ENSMUSG00000040086	Tnni3k	73.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.95	42.52	11.59	15.66	0.00	0.00	0.00	0.00	15.66	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040121	Rep15	47.66	0.00	0.00	40.04	0.00	0.00	0.00	0.00	0.00	0.00	96.99	62.62	18.55	0.00	0.00	0.00	29.06	0.00	0.00	29.77	47.35	16.92	57.43	78.28	0.00
ENSMUSG00000040132	Svs2	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.79	137.47	78.85	266.62	135.72	357.73	324.24	135.95	57.71	0.00	210.97	119.90	0.00	110.52	77.02	174.51
ENSMUSG00000040134	Rdh7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.21	47.93	4.64	28.71	0.00	0.00	0.00	0.00	0.00	84.22	99.28	41.47	0.00	49.24	0.00
ENSMUSG00000040154	Wfdc5	45.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.97	0.00	0.00	0.00	0.00	20.74	64.34	0.00	0.00	0.00	0.00	55.85	0.00	36.62	0.00
ENSMUSG00000040170	Fmo2	475.66	89.20	61.86	107.00	163.89	97.86	53.99	94.45	0.00	31.28	1172.32	1204.40	1400.32	1109.28	933.82	2191.44	1081.38	1092.10	1621.09	1829.85	1195.19	1062.87	1017.29	1252.49	1726.12
ENSMUSG00000040205	Cuzd1	0.00	203.12	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	155.04	358.69	442.82	368.02	795.91	371.37	193.03	136.10	255.33	172.69	142.05	158.25	122.70	83.33	91.73
ENSMUSG00000040254	Sema3d	252.31	264.38	671.48	740.69	845.24	738.90	791.37	635.41	1016.26	1062.72	450.60	453.00	558.74	519.40	0.00	329.89	921.56	210.15	181.86	608.25	1023.36	824.23	238.44	556.80	1133.22
ENSMUSG00000040260	Daam2	656.02	739.40	338.35	185.69	218.52	139.90	297.65	138.82	0.00	132.72	1947.51	1009.59	1200.94	1297.20	699.65	1696.60	1541.12	1116.06	1197.15	1138.23	573.54	666.83	929.40	636.35	525.78
ENSMUSG00000040284	Gzmg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.15	0.00	32.05	59.15	5.44	40.95	57.85	38.95	107.47	34.81	54.29	48.10
ENSMUSG00000040314	Ctsg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	193.22	8.50	25.50	164.43	0.00	114.05	39.44	0.00	36.13	40.83	45.06	0.00	134.01	5.05	0.00
ENSMUSG00000040373	Cacng5	37.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176.42	187.08	129.83	86.13	758.55	274.28	230.39	202.52	109.60	208.42	68.73	39.77	187.97	51.77	0.00
ENSMUSG00000040473	Cfap69	236.43	126.82	108.06	38.66	42.97	45.32	118.63	72.99	0.00	38.87	452.89	44.84	115.92	297.55	0.00	186.63	276.05	302.70	134.89	241.60	158.09	124.40	110.52	89.64	0.00
ENSMUSG00000040485	Lrrc52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040498	Igsf23	7.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	240.57	249.69	259.66	107.01	267.22	374.19	0.00	251.52	258.94	185.45	128.30	78.70	271.51	214.64	82.78
ENSMUSG00000040522	Tlr8	43.92	0.00	0.00	0.00	11.66	0.00	0.00	0.00	0.00	0.00	24.44	91.99	95.05	70.47	0.00	0.00	0.00	0.00	81.90	57.85	0.00	0.00	0.00	65.65	46.98
ENSMUSG00000040536	Necab1	44.86	0.00	0.00	26.23	36.22	347.45	104.43	70.84	592.04	255.01	151.98	126.01	71.87	143.55	0.00	400.58	217.94	140.46	0.00	304.55	77.90	269.10	154.90	122.47	0.00
ENSMUSG00000040543	Pitpnm3	133.63	0.00	0.00	0.00	39.90	23.64	0.00	10.73	83.91	0.00	229.12	214.13	34.78	208.80	637.87	168.72	22.83	278.74	99.96	185.45	64.91	110.01	123.57	64.39	280.79
ENSMUSG00000040554	Aipl1	209.33	171.95	0.00	0.00	35.60	0.00	0.00	0.00	0.00	0.00	659.10	548.09	549.46	738.65	1022.90	835.10	723.34	680.52	775.62	956.19	523.13	346.11	497.77	630.03	39.15
ENSMUSG00000040569	Slc26a7	42.05	41.91	49.93	15.19	0.00	73.56	0.00	0.00	0.00	0.00	89.36	313.08	159.97	182.70	0.00	217.73	7.26	136.10	190.29	83.37	151.98	132.01	92.24	113.63	0.00
ENSMUSG00000040600	Eps8l3	19.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	186.30	53.32	99.18	0.00	269.57	215.86	139.37	215.58	53.59	54.99	91.39	0.00	140.15	54.82
ENSMUSG00000040610	Tlx3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.39	9.28	18.55	0.00	0.00	14.14	51.89	1.09	37.34	12.76	0.00	0.00	0.00	30.30	0.00
ENSMUSG00000040612	Ildr2	0.00	0.00	0.00	6.21	26.39	0.00	67.49	0.00	0.00	141.25	119.91	6.96	48.69	5.22	0.00	85.77	247.00	76.22	145.73	223.73	42.77	0.00	14.79	63.13	38.03
ENSMUSG00000040632	Nrl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	351.32	119.05	90.42	360.19	284.46	147.98	239.73	499.78	281.82	418.54	116.85	131.17	160.12	180.55	331.13
ENSMUSG00000040649	Rimklb	567.24	381.52	348.78	354.81	379.96	233.82	303.34	296.95	228.43	389.63	898.91	539.58	491.50	477.64	1175.18	774.78	727.49	469.29	499.82	458.53	454.40	721.84	445.55	467.16	220.38
ENSMUSG00000040663	Clcf1	0.00	0.00	222.83	363.79	408.20	471.58	425.52	407.15	0.00	0.00	358.19	126.01	245.75	323.65	0.00	0.00	0.00	0.00	0.00	0.00	335.26	388.42	396.82	0.00	0.00
ENSMUSG00000040666	Sh3bgr	0.00	0.00	30.56	3.45	0.00	0.00	0.00	5.72	0.00	0.00	64.92	64.94	102.01	122.67	0.00	186.63	26.98	83.84	98.76	93.58	51.17	20.31	104.43	54.29	148.78
ENSMUSG00000040694	Apobec2	0.00	0.00	0.00	0.00	17.80	0.00	0.00	0.00	0.00	114.71	211.55	57.98	190.11	140.94	0.00	68.81	131.80	31.58	0.00	0.00	100.04	104.93	68.75	0.00	54.82
ENSMUSG00000040706	Agmat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.69	18.27	0.00	30.16	0.00	14.15	0.00	148.02	0.00	0.00	23.50	10.10	0.00
ENSMUSG00000040751	Lat2	0.00	0.00	0.00	0.00	15.96	0.00	0.00	57.24	0.00	0.00	53.46	23.19	108.97	36.54	0.00	89.54	191.99	52.26	0.00	45.09	33.60	72.78	49.60	11.36	0.00
ENSMUSG00000040797	Iqsec3	0.00	0.00	0.00	6.21	0.00	0.00	0.00	0.00	0.00	0.00	335.28	275.20	108.97	167.04	170.96	390.22	327.94	464.93	126.46	319.86	271.11	165.02	116.61	141.41	0.00
ENSMUSG00000040856	Dlk1	150.45	159.06	3168.09	2672.15	2197.51	84.07	311.86	188.91	0.00	0.00	1806.98	3078.25	2459.83	2651.82	336.18	546.68	294.73	375.65	382.99	407.48	669.77	1271.05	1237.46	156.56	206.96
ENSMUSG00000040907	Atp1a3	34.58	23.64	0.00	0.00	0.00	16.42	0.00	15.74	0.00	0.00	529.26	1102.36	737.25	469.81	850.50	927.47	225.20	385.45	629.89	490.00	378.80	183.63	429.89	195.70	2.24
ENSMUSG00000040935	Padi6	127.09	0.00	0.75	49.70	0.00	17.73	71.75	15.03	0.00	14.22	627.79	219.54	111.28	180.09	245.67	544.80	190.95	311.41	238.47	352.19	54.99	33.00	76.58	136.36	182.34
ENSMUSG00000040963	Asgr2	29.90	0.00	0.00	27.61	0.00	0.00	0.00	0.00	0.00	0.00	177.95	0.00	92.74	65.25	459.73	95.20	36.32	138.28	0.00	108.04	0.00	27.93	76.58	142.67	23.49
ENSMUSG00000040966	Slc22a2	0.00	0.00	0.00	44.87	0.00	39.41	0.00	60.82	0.00	115.66	113.03	23.96	64.92	127.89	668.04	105.57	0.00	26.13	32.52	87.62	32.84	0.00	0.00	0.00	0.00
ENSMUSG00000040978	Gm11992	57.00	0.00	0.00	0.00	55.24	38.75	0.00	27.19	0.00	0.00	103.10	34.79	173.88	62.64	0.00	155.52	530.31	173.13	216.79	290.94	96.23	339.34	326.33	339.64	101.80
ENSMUSG00000040985	Sun3	50.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.31	0.00	25.50	2.61	0.00	101.80	2.08	118.68	0.00	5.10	0.00	0.00	0.00	30.30	63.76
ENSMUSG00000041014	Nrg3	8.41	0.00	0.00	33.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.90	0.00	0.00	0.00	65.04	24.91	67.51	40.95	10.21	0.00	0.00	0.00	3.79	0.00
ENSMUSG00000041020	Map7d2	105.60	0.00	0.00	0.00	15.96	0.00	0.00	0.00	0.00	0.00	265.78	231.91	229.52	172.26	251.41	167.77	163.97	91.46	83.10	157.38	145.10	72.78	164.47	93.43	26.85
ENSMUSG00000041052	Slc7a13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	239.92	0.00	0.00	0.00	90.33	39.13	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000041073	Nacad	101.86	0.00	102.10	0.00	11.05	0.00	0.00	0.00	0.00	0.00	129.83	246.60	243.43	156.60	675.23	246.95	98.59	188.37	73.47	128.46	61.10	132.01	78.32	160.35	101.80
ENSMUSG00000041138	Nme8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.59	0.00	0.00	46.19	0.00	0.00	0.00	0.00	0.00	0.00	36.55	0.00	61.53
ENSMUSG00000041144	Dnah7b	27.10	162.28	148.31	0.00	62.00	61.08	64.65	0.00	0.00	218.99	337.57	238.10	303.71	313.21	1.44	540.08	268.79	324.47	187.88	477.24	385.67	71.08	61.79	55.55	136.48
ENSMUSG00000041193	Pla2g5	88.78	0.00	29.81	247.82	36.22	265.35	0.00	65.12	0.00	0.00	271.12	61.07	129.83	276.67	488.46	219.61	232.47	165.50	255.33	196.51	101.57	121.86	78.32	147.72	50.34

ENSMUSG00000041205	Map6d1	65.41	0.00	0.00	0.00	0.00	0.00	36.94	0.72	0.00	0.00	116.09	54.89	20.87	10.44	268.65	69.75	0.00	9.80	0.00	125.05	57.28	0.00	0.00	27.78	0.00
ENSMUSG00000041248	Kcnj1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.88	0.00	0.00	46.59	34.01	0.00	52.20	0.00	0.00	0.00	47.91	0.00	79.11	45.82	0.00	0.00	17.68	15.66
ENSMUSG00000041255	Tmco5b	37.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.08	14.69	34.78	2.61	0.00	71.63	0.00	90.37	0.00	66.35	57.28	0.00	0.00	0.00	0.00
ENSMUSG00000041261	Car8	271.00	112.84	164.70	292.00	284.20	81.44	176.89	72.99	121.21	88.16	30.55	74.21	132.15	2.61	61.78	167.77	414.08	751.30	906.90	994.47	966.84	787.85	395.95	861.09	1023.59
ENSMUSG00000041293	Adgrf1	15.89	0.00	0.00	0.00	0.00	0.00	0.00	24.33	0.00	136.51	76.37	25.51	53.32	7.83	0.00	234.70	213.79	116.51	0.00	119.95	80.19	167.55	176.66	93.43	45.87
ENSMUSG00000041323	Ak7	116.81	16.12	29.81	24.85	0.61	19.05	45.46	9.30	12.82	0.00	178.71	54.89	46.37	258.40	260.03	127.24	282.28	128.48	370.95	296.89	364.29	229.33	207.11	412.87	112.99
ENSMUSG00000041324	Inhba	139.24	121.44	0.00	0.00	0.00	61.08	0.00	0.00	0.00	0.00	41.24	62.62	9.27	93.96	395.08	105.57	92.36	22.87	168.61	275.63	16.04	133.71	155.77	137.62	123.05
ENSMUSG00000041333	Mup4	13.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	135.18	139.92	155.33	164.43	0.00	281.82	160.86	142.64	310.73	118.25	93.94	99.01	101.82	46.72	0.00
ENSMUSG00000041358	Nutm1	46.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102.34	27.06	25.50	153.99	0.00	28.28	2.08	1.09	0.00	26.37	46.59	0.00	0.00	0.00	117.46
ENSMUSG00000041378	Cldn5	128.96	176.25	70.80	0.00	0.00	114.28	82.40	0.00	0.00	95.75	262.72	94.31	13.91	109.62	274.40	148.92	39.44	0.00	0.00	136.11	74.84	39.77	240.18	55.55	172.28
ENSMUSG00000041460	Cacna2d4	20.56	0.00	0.00	0.00	0.00	63.05	0.00	0.00	0.00	0.00	387.21	225.73	275.89	101.79	0.00	191.34	255.30	95.82	258.94	147.17	78.66	102.39	63.53	69.44	0.00
ENSMUSG00000041468	Gpr12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.04	0.00	0.00	0.00	31.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000041476	Smpx	31.77	0.00	112.53	107.69	0.00	0.00	0.00	36.49	0.00	0.00	40.48	38.65	18.55	2.61	182.45	76.35	23.87	67.51	21.68	48.49	0.00	26.23	0.00	77.02	0.00
ENSMUSG00000041482	Piezo2	220.54	0.00	0.00	14.50	0.00	296.22	31.26	23.61	13.99	0.00	536.14	652.45	493.82	561.16	623.51	1045.29	229.35	406.14	505.84	540.19	297.08	313.11	182.75	246.21	381.47
ENSMUSG00000041523	Upk2	26.17	0.00	56.64	0.00	0.00	0.00	0.00	18.60	0.00	0.00	194.75	204.08	113.60	328.87	363.47	89.54	271.90	68.60	0.00	267.12	203.91	0.00	293.26	380.04	317.70
ENSMUSG00000041534	Rbp3	98.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.44	51.02	55.64	2.61	0.00	0.00	20.76	114.33	0.00	0.00	0.00	12.69	0.00	0.00	55.93
ENSMUSG00000041536	Serpina3a	60.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.01	75.76	99.69	91.35	0.00	10.37	96.51	56.62	0.00	0.00	100.04	0.00	0.87	26.51	101.80
ENSMUSG00000041544	Disp3	66.35	66.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.86	218.00	78.83	101.79	0.00	24.51	7.26	27.22	96.35	54.44	35.13	0.00	0.00	6.31	111.87
ENSMUSG00000041550	Serpina5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.82	73.08	255.72	102.74	84.06	42.46	0.00	21.27	0.00	0.00	0.00	26.51	45.87
ENSMUSG00000041616	Nppa	30.84	0.00	0.00	0.00	0.00	0.00	0.00	15.74	0.00	0.00	0.00	67.25	6.96	15.66	169.52	68.81	55.00	47.91	24.09	96.98	0.00	0.00	181.01	0.00	0.00
ENSMUSG00000041617	Ccdc74a	10.28	0.00	0.00	19.33	0.00	0.00	0.00	32.20	0.00	99.54	42.77	102.04	92.74	0.00	0.00	28.28	68.49	23.95	165.00	170.99	45.06	159.94	43.51	15.15	171.16
ENSMUSG00000041644	Slc5a12	47.66	183.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	177.03	34.78	75.69	202.57	287.48	72.65	23.95	50.58	16.16	0.00	163.32	0.00	0.00	31.32
ENSMUSG00000041670	Rims1	0.00	0.00	0.00	23.47	18.41	7.88	0.00	26.48	0.00	0.00	366.59	231.14	164.61	23.49	0.00	0.00	26.98	28.31	72.26	0.00	32.08	105.78	98.34	0.00	0.00
ENSMUSG00000041681	Iapp	294.37	194.52	76.02	57.99	0.00	36.78	104.43	43.65	202.79	57.83	765.26	953.93	867.09	1025.75	833.26	1718.27	1686.42	1007.17	2043.83	1789.87	2365.18	2186.67	1613.39	1981.01	2060.60
ENSMUSG00000041708	Mpped1	292.50	72.01	157.99	218.13	233.26	425.61	430.49	161.71	206.28	594.40	212.32	190.94	250.39	488.08	175.27	139.50	129.72	166.59	319.16	257.76	136.70	234.41	249.75	172.98	145.43
ENSMUSG00000041730	Prrxl1	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.14	130.64	44.05	67.86	472.66	239.41	91.33	120.86	46.97	183.75	53.46	46.54	0.00	11.36	167.80
ENSMUSG00000041754	Trem3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000041794	Myrip	68.22	84.90	121.48	51.77	43.58	80.13	55.41	47.23	279.70	88.16	363.53	156.15	62.60	146.16	176.71	237.52	202.37	188.37	93.94	168.44	178.71	0.00	131.40	29.04	44.75
ENSMUSG00000041817	Fam169a	147.65	0.00	14.91	76.62	47.88	64.37	0.00	47.23	0.00	65.41	151.22	189.39	275.89	41.76	248.54	218.67	185.77	185.10	57.81	258.61	215.36	56.70	0.00	66.92	0.00
ENSMUSG00000041857	Oosp1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.15	78.85	104.33	13.05	0.00	180.97	309.26	0.00	69.85	125.90	0.00	78.70	42.64	27.78	0.00
ENSMUSG00000041911	Dlx1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.37	25.51	67.23	46.98	0.00	9.43	62.27	40.29	0.00	51.04	0.00	0.00	0.00	39.14	0.00
ENSMUSG00000041986	Elmod1	31.77	111.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	242.10	116.73	74.19	417.61	0.00	173.43	239.73	74.04	178.25	247.55	110.74	120.17	167.95	98.48	69.36
ENSMUSG00000042031	Lce3b	62.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	412.41	150.74	20.87	198.36	494.21	95.20	49.81	230.83	83.10	365.80	135.94	53.31	113.13	164.14	0.00
ENSMUSG00000042045	Sln	59.81	0.00	408.40	284.40	314.28	48.60	0.00	12.16	0.00	0.00	0.00	20.87	99.69	39.15	0.00	87.66	236.62	107.79	175.84	139.51	0.00	167.55	0.00	0.00	76.07
ENSMUSG00000042078	Svop	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	173.37	166.20	4.64	104.40	0.00	108.39	52.93	83.84	128.87	115.69	123.72	0.00	0.00	15.15	0.00
ENSMUSG00000042092	Lce1c	57.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	214.61	16.23	62.60	211.42	137.92	114.99	0.00	52.26	127.66	11.06	22.15	13.54	0.00	3.79	43.63
ENSMUSG00000042096	Dao	78.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94.40	0.00	293.27	286.02	282.85	193.14	1020.02	187.57	278.13	198.17	209.56	349.64	196.27	75.32	110.52	203.28	409.44
ENSMUSG00000042097	Zfp239	77.56	0.00	0.00	44.87	11.05	44.66	30.55	51.52	0.00	0.00	55.75	125.23	102.01	15.66	0.00	85.77	119.35	230.83	42.15	149.72	144.34	126.94	114.87	66.92	67.12
ENSMUSG00000042109	Csdc2	20.56	0.00	0.00	57.99	66.29	39.41	136.39	100.89	0.00	0.00	208.50	126.01	210.98	417.61	465.48	226.21	428.61	272.21	184.27	376.86	322.28	146.40	42.64	398.98	69.36
ENSMUSG00000042124	Lce1f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.16	164.66	23.18	18.27	0.00	62.21	0.00	76.22	0.00	0.00	63.39	0.00	0.00	73.23	133.12
ENSMUSG00000042157	Sprr2i	62.61	0.00	0.00	0.00	0.00	49.92	0.00	0.00	0.00	0.00	233.70	189.39	255.03	258.40	44.54	414.72	286.43	95.82	171.02	264.57	134.41	234.41	278.47	123.73	343.43
ENSMUSG00000042179	Pnliprp1	237.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	229.88	134.51	71.87	112.23	274.40	436.40	89.25	59.89	199.93	350.49	86.30	218.33	187.97	154.04	258.41
ENSMUSG00000042189	Tekt3	14.02	17.20	0.00	0.00	0.00	44.66	0.00	0.00	0.00	0.00	0.00	14.69	30.14	0.00	0.00	16.97	0.00	38.11	0.00	0.00	0.00	19.46	96.59	0.00	0.00
ENSMUSG00000042190	Cmklr1	0.00	0.00	0.00	78.69	0.61	11.17	85.25	0.00	0.00	0.00	63.39	149.20	53.32	107.01	0.00	98.97	248.03	41.38	8.43	77.41	0.00	106.63	0.87	11.36	0.00
ENSMUSG00000042195	Slc35f2	90.65	470.72	89.43	60.75	155.30	40.72	39.78	35.06	0.00	0.00	215.37	398.12	306.03	268.84	48.85	253.55	386.06	288.54	758.76	580.18	445.24	328.34	264.55	309.34	246.11
ENSMUSG00000042212	Sprr2d	73.83	59.11	0.00	24.16	0.00	46.63	0.00	12.88	0.00	0.00	29.79	75.76	85.78	5.22	216.93	52.78	34.25	31.58	0.00	144.62	198.56	357.96	140.98	172.98	111.87
ENSMUSG00000042240	Crybb2	49.53	141.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	329.17	131.42	139.10	127.89	462.60	124.42	150.48	160.06	138.50	155.68	148.16	228.48	332.42	113.63	17.90
ENSMUSG00000042248	Cyp2c37	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.46	0.00	0.00	308.88	0.00	0.00	63.15	0.00	0.00	0.00	0.00	58.30	59.34	0.00
ENSMUSG00000042265	Trem1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.23	2.32	10.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000042357	Gjb5	0.00	0.00	0.00	0.00	0.00	12.48	0.00	0.00	0.00	0.00	0.00	30.15	136.79	26.10	0.00	24.51	73.68	132.84	217.99	62.95	0.00	0.00	192.32	12.63	194.65
ENSMUSG00000042379	Esm1	0.00	0.00	111.04	0.00	15.96	26.93	110.82	18.60	0.00	0.00	41.24	34.79	0.00	0.00	462.60	45.24	0.00	28.31	38.54	5.95	93.17	42.31	33.94	0.00	68.24
ENSMUSG00000042417	Ccno	70.09	467.50	74.53	84.91	75.50	79.47	166.23	347.76	0.00	50.24	410.89	715.84	746.53	477.64	895.03	674.87	1251.58	1288.09	1121.27	1110.16	203.91	506.90	626.56	558.07	270.72
ENSMUSG00000042436	Mfap4	395.29	504.04	202.71	291.31	150.39	209.52	224.48	170.30	589.71	534.68	496.42	277.52	261.98	109.62	821.76	103.68	66.42	173.13	275.80	273.07	245.91	237.79	201.89	358.58	229.33
ENSMUSG00000042448	Hoxd1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.93	143.58	55.66	104.33	0.00	0.00	23.56	40.47	54.44	0.00	17.86	89.35	41.47	127.05	7.58	39.15
ENSMUSG00000042459	Bpifa2	0.00	0.00	0.00	0.00	0.00	0.00	73.17	0.00	0.00	0.00	187.11	44.84	27.82	0.00	0.00	168.72	115.20	59.89	1.20	222.88	318.46	60.08	219.30	41.67	88.38
ENSMUSG00000042474	Fcmr	40.18	0.00	0.00	0.00	0.00	0.00	76.01	0.00	0.00	0.00	0.00	87.35	67.23	120.06	68.96	71.63	0.00	64.24	33.72	32.33	100.81	33.85	133.14	2.53	0.00
ENSMUSG00000042477	Tfap2e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	489.55	204.86	157.65	169.65	204.00	469.39	173.31	109.97	201.13	301.15	44.29	40.62	91.37	123.73	147.67
ENSMUSG00000042485	Mustn1	82.24	0.00	66.33	44.18	19.03	0.00	73.17	0.00	0.00	28.44	0.00	109.77	41.73	130.50	0.00	62.21	174.35	66.42	42.15	34.03	63.39	100.70	72.23	11.36	33.56
ENSMUSG00000042514	Klhl14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	166.66	0.00	0.00	0.00	95.05	2.61	0.00	130.07	100.67	152.44	60.22	135.26	0.00	104.93	75.71	37.88	12.31
ENSMUSG00000042554	Zp3r	22.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.46	0.00	27.82	62.64	0.00	0.00	6.23	5.44	198.72	53.59	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000042589	Cux2	160.73	0.00	81.23	61.44	58.31	0.00	146.34	122.36	0.00	59.72	422.34	256.65	197.06	297.55	0.00	439.23	374.64	255.88	474.52	383.66	204.67	43.16	533.45	88.38	201.36
ENSMUSG00000042607	Asb4	44.86	0.00	0.00	0.00	42.97	52.54	0.00	0.00	0.00	54.98	654.52	1027.37	579.60	386.29	725.51	392.10	438.99	211.23	381.79	239.90	332.21	147.25	35.68	90.91	41.39
ENSMUSG00000042671	Rgs8	74.76	120.37	56.64	129.78	116.63	0.00	205.30	35.06	0.00	0.00	96.99	228.82	199.38	268.84	257.16	300.67	321.72	255.88	203.54	287.54	228.35	162.48	309.80	246.21	97.32
ENSMUSG00000042672	Dcst1	60.74	0.00	79.00	0.00	0.00	49.26	21.31	0.00	0.00	0.00	56.52	28.60	55.64	73.08	0.00	91.43	151.52	241.72	0.00	0.00	0.00	24.54	0.00	13.89	0.00
ENSMUSG00000042678	Myo15	128.03	36.54	0.00	20.71	0.00	0.00	122.19	17.17	0.00	0.00	463.58	589.83	224.89	266.23	451.11	337.43	579.09	249.34	56.61	287.54	146.63	132.01	257.59	136.36	79.43
ENSMUSG00000042708	Shcbp1l	10.28	50.51	0.00	0.00	24.55	0.00	0.00	15.74	0.00	24.65	86.30	14.69	257.34	5.22	60.34	196.99	52.93	63.15	146.93	71.46	64.15	61.78	44.38	0.00	0.00
ENSMUSG00000042734	Ttc9	65.41	0.00	0.00	17.26	6.75	0.00	0.00	36.49	0.00	0.00	76.37	30.15	32.46	5.22	0.00	111.22	87.17	153.53	150.55	292.64	168.78	85.47	16.53	319.44	225.97
ENSMUSG00000042759	Apobr	224.28	0.00	0.00	0.00	0.00	0.00	14.92	9.30	0.00	0.00	481.15	262.83	598.15	321.04	267.22	777.61	970.34	827.52	569.67	1125.47	1148.61	1033.25	903.29	1516.38	1037.01
ENSMUSG00000042804	Gpr153	122.42	0.00	37.26	42.80	0.00	93.92	22.73	37.21	0.00	58.78	189.40	88.13	92.74	5.22	961.12	183.80	58.12	55.53	463.69	51.89	61.86	61.78	225.39	31.56	0.00
ENSMUSG00000042807	Hecw2	164.47	0.00	45.46	46.94	7.37	59.77	51.86	25.76	0.00	104.28	183.29	233.46	248.07	125.28	0.00	261.09	204.45	125.22	284.23	213.53	210.02	143.86	5.22	188.13	66.00
ENSMUSG00000042808	Gpx2	72.89	120.37	39.50	79.38	61.38	84.73	199.62	95.17	8.16	97.64	153.51	196.35	132.15	261.01	0.00	171.54	250.11	261.32	256.53	276.48	506.33	594.90	677.03	371.20	567.17
ENSMUSG00000042812	Foxf1	59.81	0.00	0.00	0.00	15.35	73.56	96.61	30.77	0.00	0.00	355.90	677.18	445.13	438.49	222.68	401.53	174.35	303.79	108.39	388.77	106.92	178.56	60.92	92.17	40.27
ENSMUSG00000042845	Wfdc12	0.00	0.00	0.00	0.00	0.00	2.63	111.53	0.00	0.00	34.13	0.00	20.10	9.27	10.44	0.00	49.96	73.68	21.78	71.06	66.35	113.79	131.17	0.00	27.78	63.76
ENSMUSG00000042873	Lhfpl4	0.00	87.05	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.28	32.46	169.65	0.00	38.64	42.55	82.75	54.20	135.26	0.00	38.93	0.00	108.58	0.00
ENSMUSG00000042985	Upk3b	175.69	0.00	0.00	0.00	0.00	0.00	107.98	57.24	0.00	0.00	250.50	154.61	370.95	349.75	0.00	273.34	71.61	202.52	303.50	200.76	84.01	352.03	140.98	87.12	294.21
ENSMUSG00000042988	Notum	22.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	109.98	147.65	282.85	208.80	476.97	118.76	39.44	62.06	81.90	72.31	0.00	123.55	158.38	73.23	0.00
ENSMUSG00000043036	Ccdc63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.01	25.50	0.00	0.00	91.43	89.25	0.00	26.50	53.59	0.76	77.01	0.00	21.46	0.00
ENSMUSG00000043110	Lrrn4	252.31	0.00	0.00	0.00	0.00	21.67	0.00	0.00	0.00	0.00	511.70	650.90	523.96	876.98	350.54	1116.93	203.41	500.87	463.69	655.04	132.88	229.33	245.40	210.85	418.38
ENSMUSG00000043122	A530016L2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.19	0.00	0.00	69.50	16.23	55.64	65.25	0.00	32.99	115.20	59.89	43.36	25.52	115.32	99.86	43.51	0.00	42.51
ENSMUSG00000043144	Aqp6	0.00	0.00	38.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128.31	428.26	104.33	208.80	0.00	151.75	156.71	46.82	260.15	214.38	0.00	179.40	204.50	0.00	159.97
ENSMUSG00000043155	Hpdl	12.15	0.00	0.00	0.00	0.00	7.22	21.31	13.60	0.00	0.00	53.46	18.55	0.00	0.00	0.00	0.94	39.44	0.00	115.62	8.51	46.59	139.63	0.00	0.00	0.00
ENSMUSG00000043164	Tmem212	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.49	0.00	0.00	0.00	0.00	0.00	0.00	17.64	0.00	0.00	113.14	216.89	82.08	189.71	285.35	0.00
ENSMUSG00000043165	Lor	95.32	189.15	45.46	81.46	55.24	0.00	0.00	57.24	258.73	137.46	1190.65	734.39	1020.10	600.31	877.79	810.60	652.77	621.73	537.15	1451.29	899.64	886.01	1565.53	944.42	553.74
ENSMUSG00000043263	Ifi209	28.97	0.00	0.00	0.00	0.00	0.00	0.00	38.64	0.00	0.00	0.00	130.64	62.60	28.71	0.00	196.05	121.42	60.97	115.62	61.25	170.31	289.41	0.00	166.66	249.46
ENSMUSG00000043298	Smco3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.62	0.00	18.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000043366	Olfr78	82.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	603.35	204.08	197.06	180.09	0.00	268.63	63.31	60.97	326.39	51.89	44.29	0.00	348.09	35.35	0.00
ENSMUSG00000043448	Gjc2	213.07	416.99	0.00	0.00	0.00	0.00	0.00	30.05	33.80	0.00	117.61	345.55	292.12	381.07	181.02	121.59	52.93	199.26	1.20	102.08	148.16	175.17	0.00	106.06	57.05
ENSMUSG00000043460	Elfn2	307.45	87.05	0.00	0.00	46.04	0.00	0.00	7.16	0.00	0.00	1229.60	894.41	535.55	887.42	754.24	889.77	676.64	1186.83	510.66	1032.75	138.99	373.19	306.32	390.14	411.67
ENSMUSG00000043461	Sptssb	77.56	0.00	58.13	63.51	39.29	0.00	107.98	67.26	0.00	0.00	184.82	40.20	55.64	10.44	0.00	57.50	158.78	112.15	178.25	120.80	209.25	610.98	197.54	377.52	195.77
ENSMUSG00000043472	Lce3d	27.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172.60	36.33	18.55	7.83	0.00	90.49	57.08	25.04	65.04	40.83	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000043496	Tril	67.28	27.94	122.22	272.67	170.64	557.62	334.59	205.36	461.51	823.82	0.00	43.29	99.69	88.74	0.00	64.09	34.25	103.44	26.50	82.52	221.47	311.41	187.97	122.47	164.45
ENSMUSG00000043501	Lgals2	231.76	0.00	0.00	51.08	50.33	0.00	0.00	0.00	0.00	0.00	263.49	303.03	468.32	446.32	665.17	1465.67	394.36	488.89	924.96	639.73	593.40	789.54	174.04	236.11	564.93
ENSMUSG00000043518	Rai2	27.10	67.71	0.00	0.00	6.75	0.00	0.00	15.03	0.00	0.00	77.14	24.74	4.64	0.00	0.00	28.28	75.76	20.69	0.00	49.34	0.00	0.00	0.00	8.84	23.49
ENSMUSG00000043592	Unc5cl	0.00	0.00	0.00	0.00	0.00	56.48	23.44	26.48	0.00	0.00	40.48	87.35	51.01	135.72	0.00	0.00	24.91	66.42	0.00	20.42	62.62	209.87	0.00	44.19	0.00
ENSMUSG00000043613	Mmp3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.71	163.88	57.96	5.22	1.44	149.87	299.92	81.66	0.00	140.37	0.00	61.78	242.79	0.00	0.00
ENSMUSG00000043621	Ubxn10	42.05	0.00	115.51	15.19	20.26	0.00	72.46	0.00	0.00	115.66	67.21	35.56	27.82	23.49	0.00	150.81	256.34	300.52	350.47	233.94	448.29	237.79	37.42	324.49	186.82
ENSMUSG00000043631	Ecm2	155.13	90.28	0.00	0.00	142.41	49.92	0.00	10.02	0.00	129.88	356.66	114.41	113.60	5.22	418.07	229.04	95.48	54.44	199.93	240.75	51.93	59.24	0.00	114.90	0.00
ENSMUSG00000043635	Adamts3	520.51	41.91	644.65	804.89	611.99	731.02	988.86	737.02	818.14	1078.83	161.91	244.28	268.94	180.09	61.78	148.92	302.00	133.93	125.26	177.80	223.76	146.40	349.83	268.93	387.06
ENSMUSG00000043670	Diras1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.76	137.60	57.96	297.55	609.14	232.81	193.03	45.73	128.87	56.15	93.94	54.16	102.69	0.00	0.00
ENSMUSG00000043705	Capn13	158.86	0.00	0.00	9.66	0.00	36.78	0.00	0.00	0.00	157.37	374.23	272.88	382.54	255.79	119.24	412.84	236.62	262.41	256.53	450.02	237.51	171.79	265.42	112.37	81.66
ENSMUSG00000043740	B430306N	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.33	159.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.99	0.00	0.00
ENSMUSG00000043753	Dmrta1	135.50	0.00	133.40	46.25	166.35	66.99	66.78	129.51	223.76	111.87	42.77	90.45	18.55	46.98	205.44	299.73	144.25	75.13	354.09	79.97	79.42	142.17	36.55	275.25	302.04
ENSMUSG00000043760	Pkhd1	121.48	136.49	155.01	77.31	77.96	0.00	0.00	27.91	0.00	0.00	540.72	466.14	266.62	237.52	435.31	491.07	209.63	264.59	267.37	330.07	387.20	142.17	163.60	176.76	133.12
ENSMUSG00000043924	Ncmap	0.00	0.00	106.57	54.53	0.00	59.77	0.00	17.17	0.00	0.00	0.00	12.37	115.92	46.98	0.00	41.47	0.00	100.17	54.20	39.98	0.00	0.00	0.00	93.43	0.00
ENSMUSG00000043943	Naalad2	52.33	185.92	28.32	41.42	41.13	77.50	90.22	0.00	31.47	0.00	84.01	75.76	178.52	5.22	324.68	75.40	39.44	59.89	0.00	45.09	55.75	88.01	0.00	31.56	58.17
ENSMUSG00000043969	Emx2	78.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	118.38	0.00	25.50	31.32	281.58	206.42	129.72	6.53	69.85	170.99	75.61	15.23	0.00	18.94	64.88
ENSMUSG00000043986	Spata31d1	0.00	0.00	0.00	33.82	0.00	0.00	0.00	0.00	0.00	0.00	4.58	39.43	0.00	0.00	0.00	50.90	1.04	37.02	108.39	15.31	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044014	Npy5r	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.62	55.64	5.22	0.00	0.00	0.00	22.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044041	Krt13	413.98	177.33	0.00	0.00	0.00	0.00	0.00	17.89	0.00	0.00	977.57	1005.73	433.54	738.65	1803.00	1263.96	1653.21	1265.23	2284.70	2052.74	778.97	796.31	746.65	849.73	595.14
ENSMUSG00000044067	Gpr22	19.62	0.00	0.00	0.00	0.00	0.00	46.89	0.00	0.00	0.00	0.00	16.23	74.19	375.85	0.00	11.31	0.00	34.84	0.00	26.37	0.00	59.24	0.00	0.00	0.00
ENSMUSG00000044086	Lmod3	23.36	108.55	132.66	94.57	30.69	0.00	0.00	12.88	0.00	0.00	70.26	82.72	48.69	114.84	100.57	258.26	76.80	32.67	150.55	112.29	26.73	137.94	43.51	15.15	146.55
ENSMUSG00000044122	Proca1	28.97	0.00	0.00	48.32	0.00	39.41	36.94	0.00	0.00	0.95	154.27	0.00	2.32	20.88	0.00	17.91	153.59	13.07	104.78	68.06	9.16	0.00	0.00	0.00	182.34
ENSMUSG00000044156	Hepacam2	615.83	325.64	637.19	717.22	839.10	55.17	468.86	115.92	291.36	29.39	210.79	321.58	382.54	169.65	725.51	382.68	1373.00	978.86	956.28	1172.26	883.60	1286.28	670.07	1152.75	1040.37
ENSMUSG00000044164	Rnf182	67.28	0.00	63.35	46.94	0.00	0.00	63.22	7.87	0.00	0.00	127.54	96.63	95.05	153.99	0.00	176.26	28.02	0.00	103.58	137.81	0.00	0.00	0.00	22.73	0.00
ENSMUSG00000044165	Bcl2l15	98.12	269.75	90.18	218.13	264.56	159.60	226.61	231.12	369.44	65.41	266.54	461.50	623.65	634.25	126.43	316.70	469.08	471.47	485.36	482.35	420.04	650.76	382.03	554.28	564.93
ENSMUSG00000044176	Spink10	52.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	163.88	64.92	107.01	1054.50	332.72	155.67	164.41	286.64	207.57	0.00	0.00	22.63	22.73	59.29
ENSMUSG00000044217	Aqp5	82.24	126.82	134.89	240.91	96.37	462.39	419.84	353.48	946.33	649.39	148.93	117.50	74.19	271.45	492.77	211.13	86.14	115.42	314.34	424.50	662.89	787.85	889.37	558.07	559.34
ENSMUSG00000044249	Defb29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.22	0.00	73.52	0.00	0.00	0.00	23.82	0.00	46.54	0.00	0.00	0.00
ENSMUSG00000044276	4933427E1	18.69	0.00	0.00	0.00	0.00	0.00	0.00	14.31	0.00	0.00	68.74	34.01	74.19	122.67	123.55	104.62	3.11	78.40	78.28	40.83	76.37	12.69	0.00	45.45	101.80
ENSMUSG00000044309	Apol7c	167.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	134.42	260.51	514.69	245.35	612.01	482.59	103.78	324.47	846.68	338.58	317.70	244.56	274.12	146.46	402.72
ENSMUSG00000044313	Mab21l3	604.62	854.39	450.88	530.84	596.64	517.56	348.80	469.40	990.62	679.72	219.95	175.48	447.45	261.01	58.90	152.69	270.86	395.25	486.57	276.48	656.02	380.81	998.14	469.68	714.83
ENSMUSG00000044352	Sowaha	201.85	183.77	83.47	20.71	15.35	24.30	30.55	0.00	0.00	0.00	446.78	500.93	180.84	255.79	172.40	359.11	546.92	448.60	280.62	629.52	694.20	286.87	33.94	319.44	110.75
ENSMUSG00000044405	Adig	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.84	23.18	5.22	113.50	39.59	26.98	0.00	42.15	36.58	108.45	0.00	23.50	59.34	49.22
ENSMUSG00000044444	Pfn3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.75	0.00	0.00	0.00	0.00
ENSMUSG00000044485	Klk1b11	150.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	311.60	316.95	271.25	279.28	1372.00	243.18	998.36	516.11	469.71	1040.40	549.86	137.09	795.38	453.27	1088.47
ENSMUSG00000044576	Garem2	36.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.75	0.00	0.00	75.76	37.09	109.62	107.75	111.22	0.00	62.06	0.00	69.76	124.48	0.00	120.09	0.00	0.00
ENSMUSG00000044583	Tlr7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.59	0.00	0.00	20.88	504.26	54.67	0.00	42.46	0.00	32.33	0.00	0.00	127.92	22.73	0.00
ENSMUSG00000044594	Serpinb3a	17.76	61.26	0.00	28.30	0.00	0.00	0.00	102.32	0.00	32.23	235.99	413.58	187.79	448.93	985.54	586.27	195.11	259.14	264.96	280.73	656.02	494.20	461.22	372.47	324.42
ENSMUSG00000044681	Cnpy1	12.15	0.00	244.44	141.51	174.94	20.36	57.54	0.00	0.00	0.00	257.38	85.81	34.78	10.44	169.52	255.43	175.39	293.99	331.20	294.34	106.92	0.00	154.03	102.27	102.92
ENSMUSG00000044708	Kcnj10	14.02	0.00	0.00	0.69	0.61	0.00	0.00	0.00	0.00	0.00	271.89	194.03	104.33	39.15	155.16	16.02	49.81	92.55	62.63	66.35	3.82	186.17	0.00	68.18	0.00
ENSMUSG00000044748	Defb1	24.30	326.71	155.01	212.61	74.89	285.05	270.66	160.28	181.81	0.00	311.60	52.57	67.23	101.79	0.00	66.92	100.67	99.08	281.82	133.56	93.94	326.65	261.94	265.14	560.46
ENSMUSG00000044749	Abca6	0.00	0.00	0.00	0.00	0.00	0.00	17.05	0.00	0.00	0.00	0.00	13.14	0.00	73.08	0.00	0.00	47.74	0.00	39.74	0.00	67.21	100.70	0.00	11.36	48.10
ENSMUSG00000044811	Cd300c2	0.00	0.00	105.83	0.00	183.53	108.37	107.98	183.18	0.00	194.34	44.30	0.00	0.00	0.00	0.00	34.87	0.00	52.26	97.55	39.98	87.83	73.62	65.27	68.18	58.17
ENSMUSG00000044835	Ankrd45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.02	44.84	16.23	15.66	0.00	173.43	46.70	79.49	239.67	15.31	92.41	0.00	0.00	36.62	64.88
ENSMUSG00000044860	Gm1123	0.00	0.00	0.00	15.19	0.00	0.00	0.00	0.00	6.99	0.00	0.00	122.14	0.00	62.64	215.50	11.31	111.04	54.44	0.00	75.71	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044912	Syt16	0.00	0.00	21.61	0.00	57.70	0.66	0.00	0.00	0.00	73.00	57.28	87.35	51.01	0.00	0.00	14.14	26.98	42.46	0.00	47.64	0.00	0.00	38.29	51.77	0.00
ENSMUSG00000044948	Cfap43	67.28	188.07	400.95	276.81	273.15	662.05	348.80	349.19	340.31	172.54	656.81	165.43	542.51	328.87	0.00	94.26	402.66	160.06	185.47	270.52	1364.73	553.44	730.99	262.62	159.97
ENSMUSG00000044951	Mylk4	169.14	0.00	78.25	36.59	32.53	26.27	34.10	0.00	0.00	1.90	231.41	798.55	563.37	882.20	614.89	663.56	575.98	620.64	1061.06	771.58	309.30	121.86	548.24	228.53	236.04
ENSMUSG00000045004	Spata21	0.00	190.22	0.00	0.00	46.04	0.00	0.00	0.00	0.00	0.00	13.75	2.32	111.28	221.86	0.00	163.06	40.47	23.95	0.00	45.09	0.00	30.46	0.00	54.29	0.00
ENSMUSG00000045009	Prrt3	0.00	7.52	0.00	0.00	57.70	32.84	35.52	44.36	0.00	0.00	97.76	71.89	259.66	114.84	0.00	160.23	124.54	296.16	367.33	66.35	0.00	48.24	160.12	12.63	0.00
ENSMUSG00000045019	Acer1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.33	37.11	53.32	10.44	0.00	0.00	120.38	174.21	0.00	147.17	142.81	183.63	0.00	46.72	30.20
ENSMUSG00000045034	Ankrd34b	28.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	161.15	229.59	180.84	86.13	152.29	134.79	115.20	63.15	146.93	177.80	51.17	41.47	103.56	59.34	0.00
ENSMUSG00000045036	Tmem232	71.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.14	48.78	34.84	0.00	39.98	42.77	0.00	0.00	1.26	0.00
ENSMUSG00000045091	Aqp12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.62	90.45	127.51	0.00	0.00	16.97	0.00	35.93	103.58	75.71	0.00	0.85	0.00	0.00	0.00
ENSMUSG00000045102	Poln	63.55	0.00	0.00	0.00	0.00	61.08	159.84	0.00	0.00	0.00	158.09	87.35	0.00	26.10	0.00	142.33	125.57	38.11	0.00	104.64	56.51	40.62	0.00	0.00	0.00
ENSMUSG00000045174	Amer3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.83	0.00	64.09	19.72	0.00	90.33	21.27	0.00	0.00	0.00	18.94	0.00
ENSMUSG00000045281	Gpr20	26.17	0.00	0.00	35.21	16.57	114.28	74.59	121.64	201.62	135.57	103.10	245.83	132.15	0.00	0.00	162.12	123.50	52.26	121.64	186.30	266.53	129.47	50.47	71.97	42.51
ENSMUSG00000045318	Adra2c	23.36	0.00	58.88	45.56	0.00	0.00	108.69	0.00	0.00	0.00	113.03	136.06	132.15	234.91	501.39	114.05	91.33	148.08	96.35	136.11	47.35	0.00	84.41	157.82	12.31
ENSMUSG00000045330	4933402E1	40.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.13	81.17	13.91	0.00	0.00	75.40	111.04	37.02	68.65	40.83	60.33	30.46	0.00	0.00	35.80
ENSMUSG00000045350	Fam186a	97.19	0.00	0.00	0.00	0.00	0.00	0.00	33.63	0.00	64.46	0.00	20.87	0.00	0.00	0.00	0.00	0.00	25.04	0.00	22.12	70.26	23.69	19.14	0.00	0.00
ENSMUSG00000045404	Kcnk13	17.76	0.00	0.00	8.97	39.90	55.83	0.00	35.78	0.00	0.00	224.54	0.00	51.01	13.05	0.00	35.82	96.51	62.06	0.00	78.26	5.35	0.00	0.00	0.00	0.00
ENSMUSG00000045475	Lce3c	69.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.13	27.06	2.32	28.71	0.00	54.67	10.38	38.11	0.00	118.25	17.57	120.17	74.84	64.39	0.00
ENSMUSG00000045534	Kcna5	44.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106.16	72.67	157.65	91.35	435.31	159.29	25.94	173.13	115.62	127.60	79.42	0.00	104.43	95.96	1.12
ENSMUSG00000045539	Sprr3	37.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	166.49	155.38	324.58	54.81	0.00	249.78	173.31	210.15	199.93	97.83	131.36	0.00	161.86	34.09	180.11
ENSMUSG00000045551	Fpr1	21.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.27	0.00	47.13	56.04	62.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000045589	Frrs1l	0.00	0.00	0.00	15.19	0.00	0.00	0.00	0.00	0.00	0.00	67.21	59.52	97.37	0.00	318.94	218.67	131.80	106.71	103.58	15.31	15.27	26.23	59.18	93.43	0.00
ENSMUSG00000045655	Fam216b	0.00	0.00	0.00	0.00	0.00	46.63	0.00	35.78	30.30	0.00	0.00	0.00	2.32	78.30	0.00	0.00	14.53	81.66	0.00	11.91	195.51	0.00	51.34	123.73	176.75
ENSMUSG00000045731	Pnoc	21.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	328.40	192.49	39.41	219.25	175.27	232.81	83.02	184.01	0.00	415.99	85.53	173.48	210.59	29.04	49.22
ENSMUSG00000045733	Sprn	14.95	96.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	442.96	137.60	85.78	2.61	291.64	236.58	56.04	141.55	173.43	189.71	39.71	0.00	0.00	46.72	0.00
ENSMUSG00000045777	Ifitm10	18.69	0.00	70.80	44.18	22.10	264.69	42.62	69.41	0.00	53.09	0.00	71.12	106.65	93.96	0.00	115.93	179.54	32.67	0.00	0.00	132.12	123.55	50.47	29.04	100.68
ENSMUSG00000045928	4933440M	57.94	0.00	0.00	0.00	0.00	0.00	63.22	0.00	0.00	0.00	0.00	34.79	25.50	49.59	0.00	63.15	38.40	34.84	195.11	42.53	44.29	0.00	0.00	0.00	10.07
ENSMUSG00000045967	Gpr158	0.00	0.00	0.00	44.87	0.00	51.23	0.00	22.90	0.00	0.00	40.48	224.95	16.23	78.30	168.09	164.95	100.67	33.75	0.00	113.14	102.34	145.55	181.01	83.33	0.00
ENSMUSG00000045968	Teddm2	32.71	0.00	0.00	15.88	63.22	23.64	23.44	41.50	0.00	0.00	0.00	0.00	0.00	39.15	127.86	0.00	0.00	46.82	0.00	32.33	51.17	0.00	99.21	15.15	0.00

ENSMUSG00000045994	B3galt1	36.45	0.00	0.00	86.98	31.31	5.91	0.00	15.74	0.00	42.66	254.32	181.66	190.11	172.26	826.07	113.11	127.65	165.50	0.00	36.58	191.69	123.55	59.18	0.00	0.00
ENSMUSG00000046008	Pnlip	85.04	165.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.16	89.67	11.59	200.97	152.29	265.80	260.49	224.30	18.07	109.74	8.40	87.16	177.53	26.51	38.03
ENSMUSG00000046049	Rp1l1	0.00	141.86	0.00	0.00	17.19	0.00	41.91	0.00	0.00	0.00	109.21	80.40	83.46	65.25	314.63	288.42	170.20	116.51	69.85	192.26	16.04	41.47	0.00	95.96	143.19
ENSMUSG00000046093	Hpcal4	39.25	220.31	453.86	182.24	371.37	490.63	421.26	422.89	934.68	518.56	297.09	173.16	164.61	208.80	0.00	319.53	282.28	79.49	205.95	106.34	50.40	74.47	46.12	256.31	328.89
ENSMUSG00000046180	4930550L2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.39	4.64	28.71	0.00	58.44	0.00	29.40	52.99	91.88	24.44	0.00	100.95	0.00	0.00
ENSMUSG00000046192	Iqub	0.00	0.00	0.00	0.00	0.00	17.76	0.00	0.00	0.00	0.00	0.00	0.00	51.01	46.98	198.26	26.39	332.09	113.24	203.54	85.07	67.21	115.09	0.00	151.51	0.00
ENSMUSG00000046196	Tlc39d	0.00	0.00	0.00	9.66	0.00	63.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128.87	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000046213	Cyrb	38.31	0.00	0.00	71.54	0.00	0.00	0.00	0.00	0.00	0.00	164.97	138.37	180.84	99.18	281.58	346.86	352.85	126.31	0.00	421.10	87.06	15.23	20.89	29.04	33.56
ENSMUSG00000046215	Rpml	9.34	93.50	0.00	0.00	25.78	0.00	0.00	0.00	0.00	0.00	92.41	109.77	9.27	193.14	0.00	42.41	97.55	75.13	126.46	156.53	58.80	211.56	50.47	63.13	0.00
ENSMUSG00000046240	Hepacam	48.59	0.00	0.00	0.00	0.00	0.00	20.04	57.11	0.00	64.15	106.68	9.27	44.37	199.69	125.36	108.97	157.88	290.25	218.63	15.27	130.32	261.94	0.00	0.00	74.95
ENSMUSG00000046275	Tusc5	120.55	76.30	10.43	109.76	0.00	61.08	79.56	26.48	0.00	0.00	70.26	170.07	111.28	208.80	132.17	336.49	206.52	163.33	125.26	175.24	202.38	0.00	42.64	356.05	154.38
ENSMUSG00000046287	Pnma3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.77	30.15	0.00	15.66	415.19	0.00	2.08	0.00	173.43	0.00	32.84	0.00	0.00	41.67	0.00
ENSMUSG00000046321	Hs3st2	46.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.24	104.33	13.05	186.76	252.60	0.00	23.95	0.00	58.70	34.37	0.00	0.00	0.00	0.00
ENSMUSG00000046323	Dppa3	584.06	857.61	0.00	20.71	17.19	49.92	0.00	0.00	0.00	58.78	1173.85	1260.06	1224.12	1910.57	3054.32	1724.87	2099.46	2039.39	1812.59	2163.33	1434.23	1435.22	1766.55	873.71	1853.65
ENSMUSG00000046324	Mpst4e	0.00	0.00	71.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000046442	Ppm1e	235.49	0.00	46.95	22.78	149.16	10.51	34.81	0.00	0.00	59.72	240.57	311.54	394.13	159.21	0.00	364.77	200.29	145.90	0.00	199.06	233.69	0.00	255.85	191.91	240.52
ENSMUSG00000046456	Tmem150b	13.08	0.00	32.79	0.00	0.00	0.00	0.00	17.89	0.00	0.00	73.32	91.22	0.00	23.49	183.89	50.90	131.80	129.57	0.00	47.64	0.76	15.23	0.00	75.76	40.27
ENSMUSG00000046470	Sox18	0.00	0.00	70.80	41.42	54.63	233.16	282.02	35.78	269.22	258.81	109.98	258.20	9.27	159.21	0.00	99.91	111.04	78.40	81.90	92.73	34.37	49.93	0.00	94.69	63.76
ENSMUSG00000046491	C1qtnf2	42.05	0.00	0.00	0.00	0.00	24.86	0.00	0.00	0.00	19.91	95.47	110.54	32.46	70.47	0.00	59.38	80.95	112.15	150.55	67.21	61.86	72.78	27.85	133.83	0.00
ENSMUSG00000046593	Tmem215	31.77	0.00	49.93	0.00	0.00	0.00	5.01	0.00	0.00	0.00	0.00	0.00	0.00	93.96	0.00	41.47	101.70	0.00	7.23	19.57	0.00	0.00	0.00	15.15	0.00
ENSMUSG00000046607	Hrk	254.18	0.00	0.00	0.00	0.00	24.33	0.00	0.00	0.00	552.18	536.49	686.25	631.64	456.86	958.58	462.86	421.24	381.79	549.55	179.47	265.72	218.43	284.08	190.17	0.00
ENSMUSG00000046637	Tlc34	143.91	0.00	0.00	15.35	0.00	0.00	0.00	0.00	0.00	105.23	253.56	202.54	408.04	310.60	0.00	189.45	160.86	135.02	139.71	164.18	105.39	40.62	130.53	127.52	34.68
ENSMUSG00000046694	Fam46b	114.94	0.00	17.89	0.00	31.31	0.00	110.82	48.66	0.00	105.23	110.74	115.18	317.62	93.96	0.00	65.04	0.00	188.37	8.43	470.44	616.31	306.34	395.95	324.49	343.43
ENSMUSG00000046699	Slitrk4	59.81	1.07	94.65	164.98	253.51	300.81	302.62	261.18	552.42	693.94	107.69	100.50	104.33	33.93	0.00	124.42	44.63	108.88	0.00	42.53	110.74	79.55	31.33	142.67	210.31
ENSMUSG00000046714	Foxc2	0.00	0.00	26.08	0.00	0.00	0.00	0.72	0.00	0.00	0.00	127.54	241.19	69.55	135.72	124.99	52.78	92.36	11.98	0.00	113.14	106.92	62.62	209.72	29.04	0.00
ENSMUSG00000046733	Gprc5a	191.57	231.06	122.22	231.94	15.35	278.48	141.37	250.44	0.00	0.00	112.27	214.91	85.78	130.50	191.07	263.91	455.59	160.06	290.25	137.81	189.40	135.40	601.32	358.58	511.23
ENSMUSG00000046748	Tmem45a2	17.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.43	36.33	74.19	221.86	0.00	202.65	80.95	50.09	61.42	162.48	0.00	32.16	46.12	10.10	0.00
ENSMUSG00000046774	8030474K0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.15	17.78	32.46	0.00	354.85	53.73	0.00	0.00	130.07	42.53	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000046793	Gpr61	0.00	0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	77.14	26.28	16.23	91.35	0.00	23.56	88.21	78.40	0.00	21.27	33.60	0.00	77.45	0.00	0.00
ENSMUSG00000046804	Phgr1	99.06	0.00	20.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	80.40	171.56	177.48	241.36	10.37	158.78	141.55	4.82	93.58	214.60	94.78	46.99	47.98	89.49
ENSMUSG00000046834	Krt1	98.12	72.01	21.61	0.00	0.00	12.48	0.00	56.53	0.00	0.00	648.41	514.07	489.18	375.85	1004.22	360.06	1041.95	1042.02	864.74	2049.33	2963.16	2259.45	2093.75	1839.60	1274.17
ENSMUSG00000046844	Vat1l	0.00	0.00	73.04	58.68	52.18	0.00	0.00	11.45	0.00	0.00	64.92	5.41	76.51	49.59	0.00	72.58	47.74	115.42	165.00	77.41	0.00	0.00	101.82	29.04	0.00
ENSMUSG00000046846	Spesp1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.55	0.00	0.00	65.25	0.00	0.00	0.00	0.00	0.00	15.31	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000046856	Gpr1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.41	0.00	0.00	0.00	0.00	65.38	132.84	0.00	44.24	0.00	43.16	88.76	0.00	0.00
ENSMUSG00000046886	Zfp474	29.90	0.00	0.00	46.25	0.00	31.26	0.00	0.00	0.00	47.40	0.00	0.00	16.23	0.00	0.00	49.01	193.03	115.42	171.02	102.93	248.97	328.34	130.53	49.24	39.15
ENSMUSG00000046922	Gpr6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.47	20.87	0.00	0.00	9.43	0.00	35.93	4.82	49.34	51.93	0.00	0.00	0.00	0.00
ENSMUSG00000046991	Wdr27	319.60	0.00	0.00	19.64	0.00	0.00	31.48	0.00	0.95	235.99	133.74	78.83	67.86	423.81	120.65	173.31	129.57	293.87	179.50	9.93	0.00	0.00	0.00	70.71	11.19
ENSMUSG00000047013	Fbxo41	81.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	360.48	128.32	0.00	0.00	0.00	0.00	32.05	0.00	74.04	34.93	283.28	35.89	0.00	0.00	25.25	2.24
ENSMUSG00000047021	Cfap65	563.50	0.00	0.00	17.80	47.29	44.75	30.05	181.81	0.00	332.22	607.61	537.87	195.75	545.93	554.22	1315.92	1013.71	1057.44	1576.34	744.61	159.94	745.78	1029.01	610.80	176.75
ENSMUSG00000047025	Ccer1	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000047085	Lrrc4b	71.02	42.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	578.14	568.18	739.57	401.95	0.00	454.31	379.83	437.71	505.84	427.90	361.23	202.25	102.69	231.05	119.70	0.00
ENSMUSG00000047161	Chst9	0.00	98.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000047261	Gap43	46.72	0.00	0.00	0.00	23.44	4.29	0.00	0.00	0.00	0.00	49.64	27.83	183.15	62.64	0.00	103.68	0.00	50.09	114.42	167.59	132.88	0.00	0.00	60.60	0.00
ENSMUSG00000047295	Smgc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.82	0.00	25.50	2.61	0.00	20.74	0.00	33.75	49.38	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000047298	Kcnv2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.26	0.00	0.00	0.00	0.00	0.00	0.00	16.33	0.00	0.00	0.00	51.62	0.00	0.00	0.00
ENSMUSG00000047330	Kcne4	8.41	0.00	0.00	0.00	0.00	14.45	0.00	9.30	0.00	0.00	0.00	13.91	16.23	15.66	0.00	61.27	138.03	0.00	0.00	101.23	25.20	0.00	0.00	78.28	88.38
ENSMUSG00000047394	Odf3b	46.72	0.00	0.00	0.00	0.00	63.93	70.12	46.62	0.00	44.30	35.56	81.14	49.59	0.00	28.28	264.64	90.37	0.00	159.08	93.94	95.62	113.13	241.16	78.31	
ENSMUSG00000047492	Inhbe	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.51	0.00	0.00	61.27	0.00	0.00	0.00	19.57	0.00	77.01	0.00	0.00	0.00	16.78
ENSMUSG00000047495	Dlgap2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.51	46.37	28.71	182.45	111.22	1.04	11.98	50.58	149.72	89.35	91.39	0.00	49.24	0.00
ENSMUSG00000047496	Rnf152	242.97	0.00	30.56	53.84	90.23	27.59	61.80	13.60	175.98	54.04	186.35	122.91	190.11	148.77	0.00	82.94	73.68	133.93	112.01	316.46	72.55	267.41	87.02	199.49	187.94
ENSMUSG00000047517	Dmbt1	556.03	138.64	0.00	17.26	0.00	36.78	0.00	158.14	0.00	0.00	2364.50	1743.21	1625.20	1477.30	1165.12	2250.82	956.85	1003.91	1274.23	1205.44	1915.36	1344.67	1111.27	929.27	1439.74
ENSMUSG00000047562	Mmp10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	169.55	34.79	0.00	88.74	412.32	98.97	118.31	0.00	0.00	73.16	16.80	0.00	52.21	47.98	55.93
ENSMUSG00000047604	Frat2	198.11	0.00	253.39	275.43	201.95	248.93	397.82	397.13	259.89	201.93	206.97	238.87	185.47	221.86	682.41	195.11	378.79	75.13	157.77	214.38	290.97	225.10	126.18	476.00	81.66
ENSMUSG00000047631	Apof	66.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.20	0.00	7.83	0.00	66.92	0.00	9.80	40.95	0.00	108.45	49.93	0.00	157.82	158.85
ENSMUSG00000047638	Nr1h4	5.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.73	17.78	2.32	86.13	442.49	67.86	61.23	22.87	0.00	86.77	18.33	0.00	0.00	0.00	0.00
ENSMUSG00000047641	Krt87	105.60	0.00	0.00	48.32	55.24	0.00	75.30	90.16	146.84	0.00	673.61	278.29	526.28	313.21	127.86	346.86	460.78	336.45	452.85	437.26	305.48	251.33	253.23	335.85	309.87
ENSMUSG00000047720	4922502D2	26.17	167.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.19	233.46	141.42	315.82	114.93	246.01	174.35	357.14	452.85	213.53	171.83	24.54	194.93	8.84	107.39
ENSMUSG00000047728	BC025446	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	22.42	0.00	0.00	0.00	0.00	13.49	0.00	39.74	51.04	122.19	0.00	287.17	35.35	64.88
ENSMUSG00000047787	Flrt1	157.93	175.18	0.00	59.37	65.07	185.87	47.60	81.57	92.07	335.60	392.56	449.91	577.28	597.70	571.79	438.29	365.30	178.57	255.33	276.48	310.06	159.09	143.59	200.75	309.87
ENSMUSG00000047793	Sned1	379.41	0.00	359.21	151.18	188.45	152.38	22.02	219.67	689.94	253.12	848.50	455.32	352.40	180.09	0.00	279.94	376.72	769.81	623.87	689.07	332.21	381.65	230.61	472.21	463.13
ENSMUSG00000047798	Cd300lf	203.72	285.87	0.00	37.97	63.84	0.00	0.00	11.45	104.89	0.00	300.91	104.36	159.97	120.06	0.00	243.18	126.61	229.74	508.25	267.97	26.73	73.62	311.54	36.62	326.65
ENSMUSG00000047861	Foxi1	112.14	30.09	98.37	115.28	14.73	17.73	81.69	77.28	115.38	0.00	446.02	497.06	257.34	15.66	178.14	354.40	332.09	424.65	499.82	851.55	578.88	399.42	455.13	618.67	404.96
ENSMUSG00000047904	Sstr2	45.79	291.24	253.39	316.85	185.99	331.68	393.55	233.99	180.64	428.50	0.00	92.76	88.10	75.69	0.00	53.73	245.96	0.00	86.72	10.21	210.78	176.02	107.91	194.44	210.31
ENSMUSG00000047953	Gpr5	122.42	0.00	0.00	73.86	23.33	0.00	62.51	41.50	0.00	101.44	142.82	136.06	199.38	182.70	0.00	99.91	15.20	52.26	97.55	148.87	135.17	159.94	0.00	166.66	89.49
ENSMUSG00000048029	Eno4	96.25	179.48	29.81	20.71	0.00	78.16	0.00	16.46	43.12	0.00	73.32	94.31	136.79	13.05	27.30	274.28	104.82	98.00	263.76	336.03	173.36	237.79	177.53	150.25	182.34
ENSMUSG00000048038	Ccdc187	699.94	108.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.46	252.79	70.35	88.10	57.42	1232.65	1014.19	1698.87	1387.18	1662.04	1471.71	77.13	175.17	75.71	1078.26	497.81
ENSMUSG00000048065	Cyb5r2	39.25	0.00	8.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.22	2.32	5.22	0.00	0.00	28.02	71.86	108.39	96.98	0.00	15.23	86.15	41.67	104.04
ENSMUSG00000048070	Plrt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.74	118.28	27.82	23.49	0.00	173.43	190.95	18.51	168.61	227.99	17.57	58.39	0.00	0.00	0.00
ENSMUSG00000048142	Nat8l	74.76	525.53	0.00	32.44	42.35	21.02	127.16	112.34	123.54	0.00	21.38	136.83	55.64	122.67	116.37	363.83	224.16	133.93	0.00	153.13	202.38	67.70	362.01	150.25	294.21
ENSMUSG00000048217	Nags	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.91	0.00	0.00	59.57	12.37	129.83	318.43	344.80	104.62	179.54	177.48	152.96	142.07	35.89	68.55	0.00	109.85	0.00
ENSMUSG00000048349	Pcsk4f1	117.75	80.60	0.00	0.00	0.00	0.00	0.00	16.46	0.00	0.00	856.90	680.28	688.57	736.04	757.52	846.41	421.34	359.32	476.93	428.75	206.96	372.34	361.14	145.20	262.89
ENSMUSG00000048368	Ormd	78.50	1.07	0.00	0.00	0.00	61.09	29.34	0.00	41.71	0.00	14.69	120.56	31.32	267.22	106.51	0.00	107.79	102.37	49.34	0.00	0.00	0.00	0.00	44.19	73.83
ENSMUSG00000048387	Osr1	34.58	0.00	0.00	0.00	38.75	0.00	25.04	0.00	0.00	0.00	275.71	177.80	185.47	232.30	0.00	336.49	275.02	222.12	228.83	93.58	88.59	36.39	75.71	79.54	134.24
ENSMUSG00000048399	Tprg	32.71	0.00	140.85	0.00	2.46	34.81	0.00	0.00	203.95	28.44	75.61	116.73	60.28	18.27	224.12	139.50	0.00	44.64	291.46	239.05	136.70	40.62	0.00	53.03	228.21
ENSMUSG00000048416	Mlf1	248.58	223.54	0.00	0.69	0.00	42.04	31.97	0.00	0.00	0.00	399.43	173.93	208.66	263.62	928.08	422.26	252.18	449.69	331.20	587.83	33.60	51.62	783.20	353.53	687.99
ENSMUSG00000048424	Ranbp3l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.13	14.69	0.00	125.28	0.00	0.00	20.76	29.40	50.58	0.85	83.24	158.25	0.00	46.72	0.00
ENSMUSG00000048450	Msx1	233.62	0.00	0.75	357.58	173.71	296.22	221.64	232.55	37.29	293.88	251.27	278.29	213.29	232.30	0.00	193.22	331.06	189.46	44.56	196.51	177.94	214.10	201.02	108.58	100.68
ENSMUSG00000048455	Sprr1b	139.24	0.00	37.26	0.69	13.50	7.88	0.00	0.00	0.00	0.00	265.78	596.79	825.35	610.75	199.69	380.79	536.54	443.16	817.77	448.32	303.19	349.50	223.65	255.04	279.67
ENSMUSG00000048500	Defb15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106.92	0.00	0.00	0.00	0.00
ENSMUSG00000048521	Cxcr6	0.00	0.00	52.17	0.00	0.00	0.00	7.87	0.00	0.00	0.00	107.69	37.11	41.73	0.00	0.00	88.60	35.29	69.69	119.23	59.55	168.01	0.00	0.00	0.00	24.61
ENSMUSG00000048562	Sp8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.13	23.18	0.00	0.00	37.70	0.00	8.71	65.04	26.37	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000048582	Gja3	40.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.61	0.00	31.32	0.00	60.32	0.00	49.00	152.96	57.85	0.00	101.55	0.00	26.51	0.00
ENSMUSG00000048583	Igf2	0.00	0.00	1497.22	2487.84	1128.83	254.18	1150.83	352.77	0.00	24.65	2077.34	1366.73	656.11	1025.75	0.00	55.61	37.36	128.48	0.00	13.61	2961.63	2011.50	1512.45	79.54	22.37
ENSMUSG00000048602	Morc2b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.27	45.73	0.00	43.39	0.00	0.00	0.00	69.44	98.44
ENSMUSG00000048617	Rtbdn	86.91	0.00	0.00	14.50	0.00	0.00	0.00	42.93	132.86	0.00	176.42	75.76	88.10	65.25	1.44	151.75	128.69	127.39	105.99	0.00	94.70	137.94	0.00	0.00	0.00
ENSMUSG00000048686	Hmgb4	30.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	188.64	50.25	127.51	2.61	76.14	72.58	40.47	21.78	0.00	23.82	26.73	0.00	0.00	0.00	0.00
ENSMUSG00000048703	Spee4b	38.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.09	0.00	23.19	27.82	0.00	0.00	58.44	0.00	20.69	0.00	22.12	0.76	0.00	93.11	21.46	0.00
ENSMUSG00000048764	Tmprss11f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.71	12.37	0.00	146.16	0.00	61.27	130.76	13.07	0.00	21.27	103.86	42.31	0.00	0.00	0.00
ENSMUSG00000048782	Insc	96.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.68	198.57	307.67	273.57	415.00	297.39	158.35	69.53	84.93	384.20	454.27	57.28	176.86	29.59	59.34	62.65
ENSMUSG00000048939	Atp13a5	0.00	0.00	0.00	0.00	31.26	0.00	0.00	0.00	0.00	0.00	113.80	0.00	4.64	28.71	0.00	0.94	106.89	0.00	57.81	22.97	0.00	47.39	46.12	0.00	30.20
ENSMUSG00000048978	Nnsn1	0.00	0.00	0.00	18.41	0.00	0.00	0.00	0.00	0.00	0.00	46.59	4.64	13.91	0.00	0.00	39.44	0.00	0.00	0.00	16.16	184.78	0.00	67.01	90.91	40.27
ENSMUSG00000048988	Elfn1	67.28	0.00	0.00	34.51	0.00	0.00	103.72	47.23	0.00	0.00	271.89	354.83	294.44	349.75	0.00	561.76	354.93	229.74	19.27	147.17	284.86	190.40	40.90	195.70	115.22
ENSMUSG00000048992	Prss32	0.00	0.00

ENSMUSG00000051331	Cacna1c	322.40	658.79	186.31	166.36	211.77	212.15	171.20	130.95	167.82	134.62	126.02	302.26	264.30	542.89	587.59	247.89	663.15	405.05	544.38	347.08	421.56	334.26	167.08	186.86	1.12
ENSMUSG00000051359	Ncald	122.42	74.15	29.81	26.23	20.26	0.00	39.07	47.94	0.00	0.00	258.90	149.20	81.14	39.15	818.89	198.88	132.84	165.50	178.25	136.11	99.28	97.32	230.61	152.77	0.00
ENSMUSG00000051401	Kctd16	0.00	0.00	0.00	0.00	46.63	0.00	0.00	0.00	208.61	0.00	73.32	11.60	0.00	52.20	0.00	0.00	65.38	0.00	0.00	0.00	42.00	85.47	0.00	0.00	0.00
ENSMUSG00000051439	Cd14	159.80	104.25	276.49	172.57	212.38	220.68	411.31	233.27	193.46	237.00	451.36	213.36	176.20	388.90	462.60	576.84	474.27	557.48	202.34	972.35	1362.44	1017.18	1471.55	1023.96	1068.34
ENSMUSG00000051455	Meioc	0.00	0.00	40.24	0.00	0.00	26.27	0.00	0.00	0.00	0.00	49.64	0.00	6.96	28.71	0.00	55.61	26.98	53.35	0.00	102.93	58.80	43.16	4.35	22.73	55.93
ENSMUSG00000051497	Kcnj16	56.07	0.00	76.76	56.60	0.00	109.69	74.59	70.84	96.73	86.27	77.90	56.43	44.05	172.26	20.11	86.71	72.65	57.71	0.00	349.64	367.34	605.06	385.51	348.48	459.78
ENSMUSG00000051596	Otop1	55.14	0.00	32.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.22	109.00	197.06	140.94	0.00	130.07	67.46	86.02	63.83	41.68	13.75	75.32	0.00	25.25	0.00
ENSMUSG00000051665	AU021092	15.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	169.55	194.81	180.84	203.58	0.00	176.26	72.65	9.80	96.35	91.02	0.00	0.00	0.00	41.67	193.53
ENSMUSG00000051726	Kcnf1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124.49	52.57	0.00	15.66	0.00	49.01	33.21	113.24	98.76	131.01	0.00	0.00	0.00	0.00	79.43
ENSMUSG00000051728	4930563D2	0.00	0.00	0.00	32.44	0.00	0.00	0.00	0.00	0.00	0.00	87.07	23.19	74.19	36.54	436.74	31.10	70.57	32.67	33.72	0.00	47.35	15.23	0.00	35.35	0.00
ENSMUSG00000051839	Gypa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.08	0.00	0.00	0.00	0.00	35.82	0.00	0.00	0.00	0.00	0.00	0.00	60.92	0.00	0.00
ENSMUSG00000051860	Samd7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.09	78.85	6.96	65.25	0.00	109.34	75.76	0.00	125.26	51.04	74.08	0.00	0.00	0.00	0.00
ENSMUSG00000051896	Tex37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.69	0.00	67.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000051900	Abca16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.11	0.00	0.00	0.00	124.54	0.00	0.00	0.00	34.88	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000051906	Ccl20lf	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.90	52.57	0.00	104.40	0.00	85.77	241.83	53.35	0.00	55.30	31.31	0.00	0.00	0.00	0.00
ENSMUSG00000051910	Sox6	85.04	92.42	67.82	54.53	8.59	87.35	66.07	17.17	0.00	24.65	151.22	125.23	129.83	49.59	481.28	155.52	317.57	260.23	316.75	190.56	245.91	66.01	9.57	60.60	215.90
ENSMUSG00000051920	Rspo2	45.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	216.14	195.58	245.75	161.82	0.00	276.17	55.00	75.13	132.48	228.84	0.00	96.47	125.31	10.10	0.00
ENSMUSG00000051936	Prss58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.01	0.00	0.00	0.00	75.40	0.00	47.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000052013	Btla	259.79	0.00	0.00	34.99	45.32	0.00	26.48	0.00	0.00	0.00	219.19	205.63	352.40	323.65	0.00	350.63	57.08	332.10	297.48	229.69	66.44	271.64	167.95	74.49	0.00
ENSMUSG00000052099	Prss51	24.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.35	61.07	0.00	15.66	0.00	32.99	100.67	0.00	0.00	48.49	0.00	54.16	29.59	0.00	49.22
ENSMUSG00000052131	Akr1b7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.89	273.57	83.52	0.00	28.28	97.55	167.66	112.01	82.52	48.88	0.00	39.16	36.62	91.73
ENSMUSG00000052133	Bex2	90.65	82.75	58.88	0.00	10.44	34.15	44.04	35.06	0.00	0.00	24.44	140.69	71.87	75.69	385.02	181.91	105.86	101.26	32.52	102.08	59.57	10.15	0.00	0.00	156.61
ENSMUSG00000052187	Hbb-y	238.30	0.00	0.00	0.00	45.42	34.81	0.00	0.00	0.00	0.00	339.86	492.43	90.42	271.45	567.48	630.57	490.88	203.61	370.95	326.67	481.90	71.08	727.51	152.77	110.75
ENSMUSG00000052221	Ppp1r36	52.33	0.00	17.14	24.85	0.00	0.00	70.33	59.39	0.00	0.00	0.00	0.00	88.10	0.00	0.00	35.82	172.27	30.49	62.63	47.64	61.10	24.54	0.00	49.24	0.00
ENSMUSG00000052229	Gpr17	0.00	0.00	0.00	0.00	0.00	29.13	0.00	0.00	0.00	0.00	0.00	18.55	106.65	130.50	0.00	0.00	0.00	65.33	49.38	57.00	0.00	0.00	0.00	13.89	0.00
ENSMUSG00000052234	Epx	243.90	0.00	0.00	0.00	0.00	0.00	0.00	64.10	0.00	0.00	1403.73	1829.79	1604.34	1592.14	1162.25	1707.91	1009.77	1000.64	1008.06	1181.62	846.94	349.50	671.81	356.05	315.47
ENSMUSG00000052270	Fpr2	61.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000052316	Lmo15	592.47	85.98	0.00	28.99	0.00	0.00	93.77	0.00	0.00	0.00	2018.54	1972.80	2095.84	1842.70	1163.69	1916.21	1663.58	1302.25	2383.46	2022.11	1253.23	1139.03	1052.97	839.62	799.85
ENSMUSG00000052374	Rasn2	0.00	156.91	0.00	16.57	27.01	24.30	0.00	52.95	146.84	0.00	83.25	0.00	127.51	31.32	192.51	154.58	0.00	29.40	108.39	75.71	0.00	0.00	42.97	44.19	0.00
ENSMUSG00000052396	Mogat2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.76	201.76	206.34	23.49	0.00	69.75	51.89	145.90	304.71	60.40	0.00	0.00	22.63	126.26	61.53
ENSMUSG00000052469	Tcp10c	6.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.97	20.10	0.00	0.00	0.00	76.35	69.53	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000052562	Slc22a30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.61	24.91	80.57	0.00	7.66	0.00	0.00	0.00	31.56	1.12
ENSMUSG00000052726	Kcnt2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.43	208.66	23.49	0.00	0.00	88.21	78.40	46.97	36.58	113.03	80.39	0.00	97.22	0.00
ENSMUSG00000052819	Best2	80.37	0.00	39.50	0.00	0.00	0.00	0.00	0.00	0.00	47.40	384.16	465.37	115.92	381.07	0.00	475.99	412.00	217.77	283.03	473.84	250.49	121.01	426.41	330.80	118.58
ENSMUSG00000052821	Cystrt	0.00	0.00	41.42	0.00	8.54	0.00	0.00	0.00	0.00	0.00	82.48	14.69	9.27	122.67	0.00	155.52	29.06	16.33	0.00	13.61	47.35	44.00	2.61	0.00	21.25
ENSMUSG00000052854	Nrk	67.28	0.00	371.14	78.69	123.99	56.48	0.00	38.64	0.00	0.00	848.50	375.70	561.06	193.14	295.65	262.97	520.97	259.14	167.41	314.76	142.05	176.86	213.20	109.85	21.25
ENSMUSG00000052921	Arhgef15	137.37	140.79	101.35	21.40	17.80	154.35	183.28	23.61	0.00	166.85	107.69	21.65	102.01	60.03	0.00	184.74	63.31	131.75	68.65	176.09	117.61	184.48	119.22	79.54	221.50
ENSMUSG00000053004	Hrh1	27.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	126.02	72.67	122.88	31.32	591.90	157.41	28.02	33.75	65.04	150.57	80.95	0.00	124.44	61.87	0.00
ENSMUSG00000053024	Cntn2	306.52	0.00	58.88	31.75	4.30	1.97	248.64	129.51	166.66	310.00	486.50	407.39	630.61	777.80	715.45	656.96	802.21	243.90	417.92	325.82	408.58	363.04	301.97	330.80	500.05
ENSMUSG00000053030	Spink2	51.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.37	95.86	143.74	39.15	311.75	180.97	280.20	57.71	62.63	143.77	47.35	0.00	45.25	46.72	139.83
ENSMUSG00000053054	Adh6a	68.22	24.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	111.50	138.37	99.69	305.38	670.92	391.16	362.19	165.50	498.61	491.70	499.46	253.02	614.38	68.18	319.94
ENSMUSG00000053111	Fank1	97.19	0.00	0.00	0.00	0.00	0.00	20.04	0.00	0.00	118.50	275.71	218.00	97.37	313.21	199.69	510.86	295.77	298.34	0.00	133.56	74.84	110.86	75.71	102.27	4.47
ENSMUSG00000053117	E330013P0	0.00	67.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.91	0.00	0.00	131.96	31.13	28.31	0.00	41.68	22.15	0.00	0.00	0.00	107.39
ENSMUSG00000053161	Daw1	19.62	0.00	0.00	0.00	0.00	33.63	0.00	0.00	0.00	0.00	80.96	102.81	71.87	23.49	0.00	182.86	149.44	72.95	81.90	230.54	151.21	103.24	0.00	0.00	204.72
ENSMUSG00000053168	9030619P0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.66	0.00	25.04	0.00	0.00	59.57	0.00	0.00	0.00	0.00
ENSMUSG00000053184	Spaca3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.69	18.55	18.27	0.00	109.34	74.72	103.44	0.00	18.72	0.00	0.00	52.21	0.00	0.00
ENSMUSG00000053194	Cb4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.65	0.00	0.00	0.00	21.68	0.00	16.33	0.00	41.68	0.00	0.00	0.00	0.00	123.05
ENSMUSG00000053198	Prx	258.86	89.20	117.75	412.11	376.89	277.17	185.41	337.02	444.03	527.09	375.75	201.76	500.78	185.31	152.29	640.94	330.02	311.41	501.02	267.97	299.37	373.19	347.22	236.11	430.69
ENSMUSG00000053199	Arhgap20	55.14	0.00	0.00	0.00	30.08	0.00	0.00	37.92	0.00	0.00	90.88	67.25	6.96	26.10	0.00	62.21	0.00	8.71	81.90	60.40	0.00	0.00	0.00	104.80	0.00
ENSMUSG00000053219	Rasef1e	18.69	430.96	0.00	11.04	0.00	32.18	17.76	20.04	97.90	0.00	182.53	85.81	261.98	52.20	449.67	262.97	228.31	133.93	311.93	253.51	221.47	19.46	429.89	71.97	109.63
ENSMUSG00000053303	Slc22a26	42.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.52	0.00	5.22	0.00	0.00	0.00	0.00	0.00	86.77	0.00	0.00	0.00	64.39	0.00
ENSMUSG00000053310	Nrgn	48.59	58.03	0.00	26.92	54.63	73.56	0.00	0.00	0.00	24.65	287.93	132.96	146.06	70.47	162.34	99.91	194.07	299.43	175.84	262.02	85.53	40.62	176.66	97.22	118.58
ENSMUSG00000053367	Epp13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.46	19.33	41.73	18.27	97.69	117.82	33.21	0.00	91.53	66.35	58.80	0.00	0.00	0.00	0.00
ENSMUSG00000053399	Adamts18	267.27	130.04	430.76	512.89	440.12	570.10	606.67	541.67	656.14	558.38	80.19	37.88	150.70	7.83	0.00	102.74	273.98	108.88	364.93	150.57	39.71	176.02	284.56	458.32	145.43
ENSMUSG00000053519	Kcnip1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.13	183.21	55.64	104.40	321.81	132.90	123.50	34.84	92.74	29.77	58.04	0.00	0.00	39.14	0.00
ENSMUSG00000053522	Lgals7	68.22	0.00	2.98	0.00	74.27	42.04	17.76	66.55	286.70	110.92	203.92	150.74	104.33	169.65	453.98	78.23	410.97	145.90	192.70	396.43	630.82	1095.03	839.76	472.21	803.21
ENSMUSG00000053624	Gyk1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.74	0.00	41.76	0.00	0.00	0.00	34.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000053626	Tlr1	3.74	0.00	0.00	0.00	0.00	34.81	22.90	0.00	0.00	0.00	0.00	106.68	55.64	39.15	0.00	110.28	43.59	59.89	0.00	0.00	0.00	97.32	47.86	0.00	25.73
ENSMUSG00000053647	Gper1	178.49	0.00	143.09	150.49	19.03	77.50	127.16	197.49	200.45	0.00	78.66	133.74	18.55	133.11	369.22	339.32	176.43	116.51	155.36	293.49	93.17	44.85	0.00	121.21	43.63
ENSMUSG00000053719	Klk1b26	245.77	255.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	329.93	493.20	384.86	404.56	326.12	452.43	863.44	562.93	691.31	1202.04	1033.29	1186.42	716.19	818.16	1042.61
ENSMUSG00000053765	Oas1f	110.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	358.95	435.99	159.97	198.36	774.36	400.58	456.63	405.05	444.42	808.16	685.80	659.22	818.01	464.63	317.70
ENSMUSG00000053783	1700016K1	63.55	61.26	27.57	42.80	52.79	0.00	0.00	60.11	0.00	164.95	0.00	18.55	30.14	104.40	0.00	111.22	415.12	113.24	499.82	341.13	257.37	60.93	195.80	246.21	161.09
ENSMUSG00000053797	Krt16	711.15	414.84	243.70	111.14	84.09	277.83	2.13	64.40	71.09	113.76	1073.04	690.32	774.35	874.37	1073.18	1437.39	2180.41	1758.47	1559.67	2205.86	2899.77	3453.49	2804.73	3093.35	2500.24
ENSMUSG00000053825	Prss12	128.96	211.72	0.00	0.00	99.44	0.00	0.00	1.43	0.00	0.00	167.26	148.42	146.06	93.96	0.00	156.83	172.72	74.04	45.77	96.13	99.24	0.00	0.00	92.17	64.88
ENSMUSG00000053856	Dnajc5g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.10	38.40	0.00	0.00	0.00	27.49	0.00	0.00	0.00	0.00
ENSMUSG00000053862	Slc51b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.74	32.46	0.00	199.69	116.88	36.32	25.04	134.89	129.31	122.19	263.18	9.57	54.29	243.87
ENSMUSG00000053863	Mepe	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.47	0.00	4.64	39.15	0.00	81.06	34.25	49.00	0.00	165.89	0.00	0.00	0.00	55.55	0.00
ENSMUSG00000053868	Gm5142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.80	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000053930	Shisa6	398.10	0.00	198.98	136.68	7.98	133.99	339.56	83.00	271.55	12.32	419.29	504.02	208.66	224.47	359.16	369.48	503.33	597.77	344.45	598.89	662.89	486.59	278.47	330.80	277.43
ENSMUSG00000053963	Stum	88.78	0.00	0.00	20.71	0.00	0.00	0.00	0.00	0.00	0.00	322.28	226.50	171.56	328.87	620.63	468.45	188.88	54.44	209.56	230.54	0.00	74.47	39.16	131.31	40.27
ENSMUSG00000053964	Lgals4	280.35	397.64	146.82	116.66	198.88	298.84	208.14	377.10	405.57	566.91	468.17	434.45	257.34	553.33	897.91	994.39	1240.16	904.82	523.90	1418.11	2071.16	1451.30	1430.64	1445.67	1839.10
ENSMUSG00000054013	Tmem179	0.00	0.00	0.00	0.00	42.69	0.00	0.00	0.00	0.00	0.00	113.03	65.71	62.60	114.84	0.00	63.15	55.00	31.58	80.69	38.28	0.00	14.39	25.24	131.31	96.21
ENSMUSG00000054106	Try4	0.00	0.00	65.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.64	2.61	0.00	10.37	57.08	60.97	0.00	52.74	15.27	53.31	0.00	208.33	0.00
ENSMUSG00000054191	Klf1	51.40	0.00	0.00	0.00	0.00	0.00	0.00	23.61	74.59	0.00	137.47	80.40	192.43	5.22	0.00	91.43	24.91	0.00	51.79	109.74	165.72	35.54	145.33	0.00	50.34
ENSMUSG00000054200	Ffar4	25.23	0.00	0.00	0.00	16.42	0.00	17.89	0.00	0.00	0.00	12.22	42.52	261.98	49.59	241.36	210.19	83.02	128.48	4.82	29.77	51.93	0.00	0.00	70.71	52.58
ENSMUSG00000054215	Spr2k	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144.34	126.78	6.96	18.27	0.00	0.00	0.00	54.44	0.00	0.00	79.42	0.00	6.09	0.00	40.27
ENSMUSG00000054320	Lmc36	13.08	0.00	0.00	0.00	47.29	24.86	47.94	0.00	0.00	0.00	0.00	74.21	30.14	20.88	0.00	103.68	278.13	151.35	0.00	270.52	101.57	153.17	77.45	260.09	255.06
ENSMUSG00000054325	Lce3a	37.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	153.51	21.65	25.50	28.71	163.78	65.04	140.10	83.84	105.99	0.00	98.52	0.00	0.00	0.00	30.20
ENSMUSG00000054422	Fabp1	53.27	0.00	18.63	0.00	0.00	0.00	0.00	66.43	0.00	0.00	149.69	182.44	51.01	161.82	195.38	300.67	223.13	66.42	321.57	409.19	229.87	120.17	97.46	199.49	62.65
ENSMUSG00000054446	Cpa1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.94	0.00	77.85	0.00	0.00	0.00
ENSMUSG00000054477	Kcnn2	0.00	0.00	32.05	26.92	0.00	35.47	0.00	0.00	0.00	0.00	0.00	14.69	0.00	0.00	0.00	35.82	0.00	17.42	0.00	102.93	54.22	0.00	0.00	0.00	73.83
ENSMUSG00000054537	Tmprss11e	58.87	0.00	0.00	0.00	0.00	0.00	25.04	0.00	0.00	0.00	167.26	14.69	20.87	5.22	172.40	103.68	85.10	57.71	84.31	113.14	138.23	84.62	0.00	16.41	68.24
ENSMUSG00000054580	Pla2r1	217.74	0.00	119.99	64.89	100.67	46.63	0.00	47.23	178.31	0.00	99.28	82.72	11.59	242.74	0.00	429.80	261.52	209.06	99.96	153.13	160.38	153.17	360.27	217.17	231.57
ENSMUSG00000054630	Ugt2b5	44.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.53	22.42	0.00	10.44	314.63	0.00	0.00	67.51	0.00	11.06	106.92	30.46	139.24	32.83	146.55
ENSMUSG00000054641	Mrm1	26.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.07	214.13	129.83	477.64	234.17	311.99	449.36	172.04	233.65	217.78	136.70	191.25	52.21	0.00	0.00
ENSMUSG00000054667	Ins4	0.00	0.00	42.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.22	143.01	0.00	0.00	0.00	0.00	45.66	25.04	43.36	11.91	0.00	0.00	0.00	20.20	0.00
ENSMUSG00000054675	Tmem119	209.33	112.84	62.60	0.00	40.06	0.00	9.30	0.00	0.00	0.00	672.85	637.76	366.31	806.51	340.49	589.10	426.53	120.86	304.71	182.90	55.75	203.10	140.98	159.09	314.35
ENSMUSG00000054727	1700013H1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.19
ENSMUSG00000054753	AU018091	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.70	87.35	34.78	180.09	0.00	109.34	0.00	0.00	0.00	0.00	41.24	0.00	88.76	54.29	0.00
ENSMUSG00000054757	Akr1c20	50.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.71	0.00	20.87	0.00	0.00	0.00	0.00	0.00	0.00	79.11	0.00	0.00	0.00	23.99	0.00
ENSMUSG00000054793	Cadm4	191.57	907.05	740.79	738.82	809.03	1207.20	998.09	957.41	1264.50	1690.30	341.39	170.07	271.25	232.30	797.34	477.87	387.38	468.20	458.87	423.65	255.84	784.46	781.46	890.13	982.20
ENSMUSG00000054905	Sfta3	106.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112.27	52.57	106.65	221.86	0.00	57.50	72.65	86.02	202.34	217.78	373.45	394.35	257.59	229.79	0.00
ENSMUSG00000054932	Afp	290.63	48.36	5.96	0.00

ENSMUSG00000058046	4933430I1	0.00	105.32	53.66	20.71	14.73	5.25	58.25	7.87	0.00	0.00	76.37	146.88	81.14	2.61	0.00	37.70	12.45	62.06	0.00	11.06	76.37	252.18	0.00	29.04	49.22
ENSMUSG00000058063	Trim31	250.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	157.37	160.38	381.88	343.12	420.22	616.32	815.31	390.21	592.33	712.99	371.76	478.84	219.18	185.36	425.49	279.67
ENSMUSG00000058070	Emf1	132.70	0.00	0.00	107.69	65.68	204.26	110.82	87.30	206.28	73.94	707.21	395.02	370.95	307.99	0.00	656.02	493.99	375.65	691.31	673.75	440.66	796.31	52.21	593.42	314.35
ENSMUSG00000058119	Gm5771	14.02	237.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	281.82	104.36	178.52	122.67	767.17	104.62	208.60	136.10	264.96	190.56	113.79	242.02	110.52	262.62	96.21
ENSMUSG00000058207	Serpina3k	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.42	0.00	0.00	5.22	0.00	0.00	117.27	125.22	120.44	158.23	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000058248	Kcnh1	186.90	354.65	506.77	297.52	428.45	862.38	404.21	734.87	714.41	1075.99	375.75	432.13	319.94	401.95	745.62	214.90	325.87	173.13	472.12	287.54	236.75	450.20	110.52	503.77	786.43
ENSMUSG00000058252	Tcp11x2	114.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.37	46.38	46.37	185.31	1.44	156.46	0.00	54.44	220.40	115.69	107.68	0.00	54.82	107.32	0.00
ENSMUSG00000058470	Gm8369	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.16	0.00	0.00	85.02
ENSMUSG00000058488	Kl	224.28	113.92	0.00	0.00	21.48	0.00	0.00	0.72	0.00	0.00	96.99	250.46	326.90	167.04	748.50	373.25	203.41	242.81	145.73	209.27	348.25	30.46	127.05	127.52	149.90
ENSMUSG00000058523	Mup5	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.64	19.33	11.59	0.00	0.00	0.00	65.38	27.22	0.00	82.52	0.00	99.86	36.55	0.00	0.00
ENSMUSG00000058571	Gpc6	84.10	214.94	359.21	475.62	475.72	440.05	666.34	311.98	202.79	333.70	119.14	147.65	317.62	148.77	162.34	0.00	38.40	131.75	0.00	108.04	44.29	181.09	0.87	152.77	80.54
ENSMUSG00000058579	Cela2a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.59	71.87	54.81	140.79	123.47	182.65	40.29	68.65	151.42	67.97	0.00	0.00	88.38	0.00
ENSMUSG00000058589	Anks1b	116.81	0.00	0.00	0.00	20.26	0.00	32.68	17.89	0.00	0.00	197.81	293.76	306.03	135.72	0.00	212.07	149.44	125.22	124.05	349.64	39.71	46.54	151.42	97.22	0.00
ENSMUSG00000058618	AY761184	90.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	197.81	64.16	53.32	2.61	316.06	75.46	16.60	0.00	0.00	34.88	0.00	66.01	167.95	37.88	0.00
ENSMUSG00000058620	Adra2b	39.25	0.00	0.00	0.69	0.69	0.00	64.37	0.00	0.00	0.00	429.98	21.65	215.61	101.79	232.74	64.09	56.04	88.20	60.22	115.69	41.24	27.93	18.27	26.51	41.39
ENSMUSG00000058740	Kcnt1	450.43	0.00	0.00	62.13	103.12	41.38	104.43	45.08	0.00	0.00	1331.94	1067.57	1365.54	986.60	1014.28	1192.33	1401.02	1177.03	1004.45	861.76	263.48	840.31	365.49	306.81	43.63
ENSMUSG00000058755	Osm	86.91	0.00	0.00	0.00	0.00	31.53	0.00	17.89	0.00	0.00	188.64	75.76	88.10	148.77	0.00	66.92	47.74	17.42	109.60	123.35	132.88	192.94	0.00	40.40	0.00
ENSMUSG00000058806	Col13a1	309.32	234.29	73.04	80.07	112.94	66.99	0.00	25.04	0.00	218.04	106.16	111.32	164.61	352.36	0.00	110.28	197.18	121.95	150.55	170.14	147.39	199.71	321.11	147.72	178.99
ENSMUSG00000058818	Pitb	118.68	205.27	0.00	0.00	27.01	0.00	0.00	23.61	0.00	0.00	387.21	303.80	266.62	193.14	110.62	480.70	584.28	483.44	446.82	504.46	290.97	135.40	130.53	271.46	318.82
ENSMUSG00000058831	Opn1sw	0.00	0.00	0.00	0.00	0.00	0.00	39.07	24.33	36.13	0.00	0.00	0.00	13.91	5.22	0.00	0.00	0.00	0.00	45.77	17.01	0.00	0.00	0.00	0.00	36.92
ENSMUSG00000058914	C1qtnf3	91.58	240.73	31.30	34.51	98.83	78.16	0.00	47.94	0.00	0.00	526.97	589.06	257.34	519.40	1106.22	622.08	376.72	267.85	166.20	169.29	25.97	173.48	293.26	179.29	4.47
ENSMUSG00000058925	1700011I02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.70	5.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000058935	Tex48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.06	192.43	0.00	0.00	115.93	0.00	0.00	0.00	0.00	28.26	0.00	0.00	0.00	0.00
ENSMUSG00000058952	Cfi	74.76	0.00	79.00	0.00	47.88	162.89	30.55	0.00	0.00	0.00	233.70	178.57	287.48	28.71	218.37	295.02	257.37	153.53	102.37	288.39	215.36	271.64	154.03	65.65	49.22
ENSMUSG00000058966	Fam57b	43.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	207.73	76.53	108.97	109.62	0.00	208.30	107.93	53.35	86.72	51.04	17.57	66.01	0.00	34.09	0.00
ENSMUSG00000058976	Usp17lc	11.21	0.00	0.00	0.00	15.76	0.00	0.00	0.00	0.00	0.00	100.05	88.90	2.32	31.32	0.00	229.04	28.02	59.89	0.00	36.58	22.15	52.47	0.00	13.89	0.00
ENSMUSG00000059042	Klk1b9	229.89	364.32	0.00	0.69	39.29	0.66	0.00	0.00	0.00	0.00	656.04	758.35	955.18	472.42	1965.34	1256.42	856.18	543.33	225.22	1150.14	1249.41	761.61	1005.11	820.69	425.10
ENSMUSG00000059049	Frem1	183.16	0.00	0.00	167.74	22.10	122.82	123.61	114.49	59.44	0.00	70.26	77.30	192.43	146.16	0.00	231.87	87.17	114.33	28.91	98.68	144.34	74.47	0.00	0.00	196.89
ENSMUSG00000059108	Ifitm6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.06	0.00	0.00	0.00	10.44	0.00	28.28	36.99	57.71	0.00	110.59	12.22	0.00	0.00	146.46	135.36
ENSMUSG00000059201	Lep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	17.78	16.23	0.00	0.00	0.94	29.06	30.49	80.69	39.13	0.00	0.00	73.97	0.00	0.00
ENSMUSG00000059213	Ddn	46.72	55.88	0.00	19.33	0.00	0.00	47.94	0.00	85.32	97.76	163.11	178.52	195.75	237.05	272.40	169.16	114.33	110.80	228.84	125.25	235.25	107.04	59.34	270.72	
ENSMUSG00000059218	Gm13084	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000059230	Defb4	0.00	108.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.28	118.24	46.98	0.00	92.37	28.02	72.95	109.60	32.33	42.77	0.00	0.00	0.00	0.00
ENSMUSG00000059256	Gzmd	99.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	166.49	36.33	16.23	83.52	252.85	184.74	73.68	69.69	15.66	50.19	19.86	60.93	112.26	71.97	31.32
ENSMUSG00000059280	Vpreb2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.80	39.43	0.00	0.00	0.00	0.00	57.08	0.00	145.73	39.13	0.00	0.00	0.00	23.99	4.47
ENSMUSG00000059361	Nrsn2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.42	29.38	55.64	0.00	0.00	0.00	0.00	29.40	0.00	85.07	0.00	0.00	0.00	0.00	107.39
ENSMUSG00000059479	B3gnt8	45.79	216.02	42.48	137.37	31.92	92.61	82.40	108.05	163.16	0.00	45.82	24.74	55.64	44.37	0.00	139.50	48.78	10.89	125.26	85.92	92.41	66.85	135.75	132.57	54.82
ENSMUSG00000059481	Plg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	143.58	123.69	4.64	2.61	0.00	91.43	69.53	23.95	73.47	159.93	44.29	53.31	65.27	34.09	0.00
ENSMUSG00000059606	Rnase2b	33.64	0.00	26.83	84.22	0.00	0.00	0.00	0.00	0.00	0.00	202.39	133.74	13.91	36.54	0.00	49.96	33.21	15.24	256.53	136.96	202.38	398.58	79.19	64.39	21.25
ENSMUSG00000059645	Gm7361	0.00	0.00	0.00	0.00	13.79	0.00	0.00	0.00	0.00	0.00	48.88	50.25	16.23	13.05	274.40	49.01	24.91	68.60	0.00	17.01	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000059654	Reg1	95.32	0.00	0.75	0.00	40.51	0.00	0.00	27.19	0.00	61.62	441.44	282.16	178.52	187.92	0.00	460.91	480.50	254.79	433.58	622.71	670.53	405.35	683.12	361.10	482.15
ENSMUSG00000059657	Stfa2l1	0.00	0.00	0.00	0.00	18.47	0.00	0.00	0.00	0.00	0.00	0.00	17.01	9.27	18.27	395.08	0.00	6.23	16.33	34.93	39.13	0.00	175.17	0.00	0.00	0.00
ENSMUSG00000059668	Krt4	334.55	73.08	0.00	0.00	0.00	9.30	0.00	0.00	0.00	0.00	1225.02	1108.54	751.16	895.25	1916.49	1229.09	569.75	555.31	1592.19	956.19	1039.40	1067.10	1014.68	758.82	913.96
ENSMUSG00000059741	Myl3	60.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	526.97	315.40	90.42	250.57	573.22	218.67	248.03	342.98	256.53	286.69	119.14	0.00	87.02	83.33	286.38
ENSMUSG00000059832	Kprp	73.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172.60	122.14	46.37	54.81	0.00	126.30	206.52	162.24	0.00	148.87	67.97	68.55	0.00	87.12	40.27
ENSMUSG00000059854	Hydin	196.24	161.21	145.33	0.00	95.14	68.96	161.26	191.05	254.06	8.53	260.43	377.24	261.98	109.62	124.99	613.60	461.82	445.33	699.74	582.73	264.24	423.12	343.74	598.47	223.74
ENSMUSG00000059891	Tsks	22.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	195.51	47.93	27.82	112.23	328.99	291.25	154.63	197.08	78.28	22.97	127.54	2.54	0.00	0.00	0.00
ENSMUSG00000059900	Tmem40	14.02	1.07	0.00	0.00	35.60	28.24	78.85	17.17	0.00	41.71	170.31	97.40	20.87	0.00	0.00	0.00	101.70	253.70	1.20	75.71	327.63	154.01	387.25	270.20	551.51
ENSMUSG00000059908	Mug1	4.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	210.27	252.71	101.79	0.00	68.81	107.93	109.97	252.92	125.05	145.87	0.00	105.30	7.58	20.14
ENSMUSG00000059994	Fcrl1	25.23	0.00	70.80	53.15	49.72	141.87	29.13	38.64	0.00	46.45	42.01	41.74	37.09	67.86	0.00	0.00	52.93	83.84	239.67	84.22	98.52	0.00	60.05	44.19	38.03
ENSMUSG00000060161	Klk1b7-ps	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183.89	0.00	130.76	0.00	0.00	0.00	0.00	33.00	0.00	13.89	0.00
ENSMUSG00000060177	Klk1b22	344.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	326.11	237.32	477.59	263.62	701.09	330.84	548.99	352.78	427.55	529.13	547.57	657.53	310.67	374.99	727.14
ENSMUSG00000060188	Cxcl17	102.79	1.07	0.00	0.00	36.78	218.80	9.30	0.00	120.40	217.66	130.64	129.83	54.81	380.71	193.22	265.68	148.08	33.72	103.79	170.31	375.73	267.16	348.48	427.33	
ENSMUSG00000060224	Pyroxd2	155.13	113.92	0.00	0.00	0.00	0.00	48.66	0.00	0.00	0.00	255.85	179.35	210.98	26.10	600.52	287.48	361.15	251.52	268.58	264.57	87.06	36.39	191.45	119.95	14.54
ENSMUSG00000060317	Acnat2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.75	13.91	60.03	0.00	0.00	59.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000060371	Cabp1	0.00	0.00	0.00	0.00	51.86	0.00	0.00	0.00	0.00	0.00	0.00	149.97	99.69	195.75	0.00	170.60	0.00	52.26	0.00	127.60	45.06	12.69	182.75	40.40	0.00
ENSMUSG00000060445	Syp2	131.76	0.00	0.00	13.81	6.75	0.00	20.04	0.00	0.00	0.00	144.34	113.64	547.14	289.72	350.54	486.36	222.09	207.97	0.00	117.40	155.03	228.48	102.65	58.94	110.75
ENSMUSG00000060459	Kng2	18.69	0.00	0.00	0.69	35.60	0.00	0.72	0.00	0.00	0.00	368.88	122.14	417.31	96.57	215.50	187.57	188.88	44.64	396.24	423.65	23.67	157.40	341.13	116.16	214.79
ENSMUSG00000060470	Adgrg3	4.67	0.00	0.00	0.00	29.46	0.00	38.36	0.00	0.00	0.00	249.74	153.83	64.92	161.82	132.17	182.86	261.52	41.38	337.23	125.90	61.10	2.54	57.43	152.77	83.90
ENSMUSG00000060487	Samd5	355.11	670.62	0.00	89.74	122.77	331.68	177.60	70.12	602.53	347.92	153.51	115.96	125.19	7.83	603.39	115.93	333.13	148.08	232.44	213.53	36.66	120.17	95.72	492.41	432.93
ENSMUSG00000060509	Xcr1	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.37	131.42	157.65	96.57	155.16	50.90	115.20	108.88	322.77	238.20	48.11	258.10	100.08	104.80	33.56
ENSMUSG00000060613	Cyp2c70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	261.96	31.69	4.64	0.00	0.00	18.85	30.10	47.91	0.00	28.92	32.84	24.54	0.00	0.00	31.32
ENSMUSG00000060615	Ang4	610.23	0.00	76.02	0.00	34.99	0.00	63.22	0.00	156.17	0.00	1775.67	1643.48	1530.15	1333.74	3373.26	2381.83	1913.69	1667.01	2599.05	2001.69	1200.54	1547.77	912.86	1195.68	873.69
ENSMUSG00000060726	Tmsb15a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.25	88.13	34.78	26.10	149.41	0.00	0.00	39.20	125.90	30.55	0.00	202.76	47.98	26.85	
ENSMUSG00000060807	Serpina6	0.00	0.00	0.00	0.00	0.00	68.91	0.00	0.00	0.00	0.00	0.00	38.65	67.23	5.22	0.00	18.85	31.13	18.51	44.56	0.00	17.57	0.00	0.00	0.00	0.00
ENSMUSG00000060882	Kcnd2	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.90	51.02	4.64	0.00	228.43	62.21	112.08	30.49	31.31	47.64	0.00	0.00	0.00	61.87	76.07
ENSMUSG00000060969	Irx1	119.62	83.83	0.00	158.77	30.08	74.22	0.00	67.98	75.75	129.88	205.44	228.05	155.33	300.16	146.54	464.68	270.86	221.03	73.47	241.60	132.88	171.79	48.73	66.92	220.38
ENSMUSG00000060988	Gaint13	78.50	160.13	29.07	0.00	0.00	0.00	61.80	0.00	0.00	0.00	50.41	0.00	6.96	88.74	0.00	12.25	99.63	0.00	0.00	88.47	56.51	88.85	18.27	40.40	0.00
ENSMUSG00000061068	Mcpt4	190.64	0.00	0.00	0.00	0.00	18.60	0.00	0.00	0.00	0.00	219.95	206.40	370.95	122.67	1124.90	585.33	268.79	531.35	656.39	481.50	322.28	178.56	310.67	253.78	119.70
ENSMUSG00000061082	Plac1	46.72	0.00	111.79	53.15	39.29	0.00	25.57	0.00	0.00	0.00	131.36	83.49	0.00	15.66	176.71	14.14	0.00	18.51	69.85	27.22	30.55	0.00	95.72	104.80	3.36
ENSMUSG00000061144	Spink12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.98	32.46	18.27	0.00	257.32	359.08	397.43	61.42	308.80	545.28	599.98	0.00	401.50	212.55
ENSMUSG00000061298	Agbl4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.44	0.00	87.07	0.00	4.64	0.00	0.00	89.54	26.98	17.42	102.37	78.26	0.00	1.69	0.00	0.00	0.00
ENSMUSG00000061322	Dnaic1	63.55	0.00	0.00	0.00	22.71	0.00	116.50	0.00	87.41	49.30	352.08	239.64	593.51	430.66	646.49	682.41	422.38	275.48	566.06	423.65	226.82	208.17	156.64	80.81	162.21
ENSMUSG00000061388	Csn1s2b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	187.11	52.57	34.78	23.49	0.00	235.64	175.39	114.33	126.46	67.21	0.00	0.00	126.18	0.00	0.00
ENSMUSG00000061531	Tmem236	257.92	0.00	0.00	0.00	76.73	0.00	0.00	0.00	0.00	0.00	365.83	89.67	264.30	281.89	0.00	309.16	423.42	229.74	344.45	464.48	172.60	332.57	222.78	323.22	49.22
ENSMUSG00000061535	C1qtnf7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.87	0.00	0.00	0.00	40.53	4.15	91.46	0.00	1.70	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000061540	Omd	22.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	189.40	134.51	13.91	10.44	0.00	30.16	85.10	215.59	154.16	82.52	125.25	96.47	234.09	15.15	62.65
ENSMUSG00000061576	Dpp6	664.43	1892.55	312.26	427.30	492.90	859.09	670.60	631.83	490.65	674.03	217.66	170.07	153.02	140.94	0.00	250.72	72.12	484.53	410.69	358.14	744.61	296.18	138.37	755.03	363.57
ENSMUSG00000061577	Adgrg5	83.17	134.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	734.71	303.03	326.90	190.53	232.74	271.46	204.45	345.16	543.17	409.19	83.24	229.33	127.05	143.94	0.00
ENSMUSG00000061723	Tnnt3	179.42	0.00	301.08	297.52	179.24	14.45	159.13	13.60	0.00	137.46	99.28	163.11	171.56	216.64	247.10	546.68	348.70	369.12	401.06	468.73	297.08	176.86	215.82	318.17	59.29
ENSMUSG00000061762	Tac1	177.55	0.00	0.00	31.75	22.10	0.00	0.00	13.60	0.00	108.07	347.50	371.83	146.06	508.96	636.44	731.42	401.63	158.97	333.61	374.31	681.98	390.11	713.58	233.58	136.48
ENSMUSG00000061802	Armc4	0.00	0.00	0.00	0.00	0.00	0.00	24.33	0.00	0.00	0.00	81.72	45.61	11.59	0.00	0.00	22.62	81.99	50.09	78.28	190.56	99.28	43.16	0.00	79.54	43.63
ENSMUSG00000061877	BC048679	129.90	96.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	177.19	62.62	69.55	80.91	156.60	227.16	134.91	137.19	48.18	143.77	238.27	29.62	92.24	74.49	19.02
ENSMUSG00000061911	Myl1l	0.00	147.23	0.00	31.75	0.00	0.00	0.00	0.00	155.00	0.00	491.08	117.50	329.21	151.38	169.52	229.98	239.73	361.49	127.66	246.70	52.70	195.48	107.91	90.91	172.28
ENSMUSG00000061923	Odf1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.91	0.00	186.76	34.87	25.94	0.00	49.38	7.66	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000061937	Csn1s2a	217.74	0.00	0.00	46.25	22.10	11.17	0.00	0.00	0.00	0.00	711.80	952.39	878.68	788.24	1800.12	1714.50	905.99	998.46	865.95	1134.83	579.65	485.74	729.25	472.21	580.59
ENSMUSG00000061947	Serpina10	120.55	97.80	81.98	0.00	24.55	99.18	0.00	38.64	234.25	54.98	22.91	120.59	69.55	52.20	0.00	75.40	144.25	116.51	74.67	169.29	183.29	95.62	173.17	295.45	309.87
ENSMUSG00000061959	Ces1e	73.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.09	854.61	270.56	333.85	328.87	936.70	488.24	244.92	158.97	108.39	288.39	520.84	222.56	231.48	74.49	209.19
ENSMUSG00000062017	Abca14	39.25	107.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.28	40.20	113.60	91.35	0.00	26.39	40.47	0.00	139.71	67.21	67.21	130.32	0.00	36.62	0.00
ENSMUSG00000062028	Irgc1	53.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.84	150.70	13.05	0.00	108.39	66.42	0.00	0.00	79.11	67.21	25.39	1.74	95.96	119.70
ENSMUSG00000062061	Obp2a	155.13	0.00	0.00	12.43	0.00	26.28	0.00	0.00	0.00	0.00	707.98	456.87	595.83	548.11	1282.93	640.94	75.76	265.68	442.01	486.60	222.24	209.02	86.15	313.12	476.56
ENSMUSG00000062077	Trim54	0.00	0.00	0.00	69.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61	0.00	21.68	0.00	0.00	0.00	60.40	0.00	71.08	0.00	0.00	0.00
ENSMUSG00000062154	Tex33	37.38	0.00	0.00	0.00	0.00	0.00

ENSMUSG00000067220	Cnga1	0.00	0.00	0.00	0.00	0.00	28.27	0.00	0.00	0.00	0.00	42.01	0.00	16.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.97	36.66	0.85	0.87	0.00	0.00
ENSMUSG00000067231	Cyp2c65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.24	16.23	2.61	0.00	61.27	39.44	0.00	0.00	0.00	33.18	0.00	0.00	40.03	27.78	0.00
ENSMUSG00000067242	Lgi1	0.00	0.00	0.00	0.00	0.00	0.00	27.91	0.00	0.00	0.00	249.74	126.01	134.47	52.20	396.52	47.13	52.93	116.51	0.00	71.46	0.00	98.16	102.69	12.63	0.00	0.00
ENSMUSG00000067276	Capn6	142.98	0.00	383.06	401.75	321.65	29.56	352.35	100.18	414.90	164.01	138.23	63.39	204.02	15.66	0.00	192.28	66.42	136.10	56.61	168.44	74.08	146.40	53.08	132.57	33.56	0.00
ENSMUSG00000067438	Hmx1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.70	162.34	23.18	477.64	54.59	56.55	75.76	47.91	191.50	79.11	0.00	76.16	0.00	71.97	81.66	0.00
ENSMUSG00000067571	Ms4a15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.10	10.82	0.00	0.00	178.14	111.22	64.34	0.00	52.99	35.73	0.00	0.00	0.00	45.45	0.00	0.00
ENSMUSG00000067594	Krt77	1268.11	482.54	90.92	0.00	36.83	59.11	55.41	60.11	202.79	97.64	4151.63	4504.50	4131.41	3711.51	3776.96	3795.66	4837.16	4659.14	4636.85	6564.84	5507.81	5074.03	4895.87	5009.97	4117.85	0.00
ENSMUSG00000067599	Kras7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.49	87.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000067613	Krt83	110.27	102.10	26.08	42.80	11.05	0.00	83.12	0.00	0.00	0.00	640.77	535.72	818.40	321.04	1163.69	281.82	369.45	396.34	520.29	604.85	810.29	693.07	234.96	406.56	116.34	0.00
ENSMUSG00000067614	Krt86	140.17	0.00	51.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	254.32	163.11	292.12	133.11	369.22	311.99	88.21	133.93	0.00	191.41	38.19	122.70	144.46	102.27	0.00	0.00
ENSMUSG00000067616	Klk11	43.92	0.00	0.00	37.28	0.00	65.68	80.27	5.72	0.00	0.00	95.47	54.89	51.01	133.11	0.00	0.00	34.25	83.84	181.86	155.68	114.56	200.56	15.66	45.45	116.34	0.00
ENSMUSG00000067679	Obp1b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.65	51.01	46.98	0.00	16.02	0.00	0.00	25.29	0.00	0.00	86.32	0.00	0.00	0.00	0.00
ENSMUSG00000067684	Obp1a	34.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.95	0.00	30.14	2.61	222.68	0.00	181.61	71.86	50.58	85.07	0.00	0.00	89.63	0.00	0.00	0.00
ENSMUSG00000067755	Khdc1a	81.30	0.00	0.00	0.00	53.20	0.00	0.00	81.58	0.00	905.02	384.97	639.88	240.13	930.95	625.86	272.94	286.36	401.06	274.78	389.49	726.92	320.24	662.86	306.52		
ENSMUSG00000067757	4930444P1	11.21	0.00	0.00	43.49	0.00	26.93	0.00	0.00	0.00	0.00	171.08	237.32	187.79	83.52	2.87	346.86	138.83	17.42	110.80	244.15	78.66	89.70	140.98	22.73	106.27	
ENSMUSG00000067855	Speer3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.82	84.26	132.15	36.54	0.00	233.75	19.72	165.50	67.45	157.38	106.15	102.39	31.33	0.00	23.49	
ENSMUSG00000068196	Col8a1	63.55	15.05	0.00	70.41	62.00	135.30	0.00	0.00	0.00	0.00	258.90	357.14	280.53	57.42	828.95	161.18	468.05	203.61	299.89	330.92	109.21	41.47	99.21	385.09	202.48	
ENSMUSG00000068245	Phf11d	922.35	1013.45	1113.41	1709.18	1700.92	2600.26	2557.39	2823.57	4067.37	3614.76	0.00	107.45	71.87	57.42	178.14	169.66	708.81	420.29	666.02	296.89	879.78	1809.25	602.19	1588.34	2732.93	
ENSMUSG00000068246	Apol9b	214.93	192.37	29.07	80.77	106.19	311.32	161.26	158.14	1024.42	918.62	139.00	147.65	148.38	107.01	311.75	230.93	233.50	175.30	186.68	238.20	391.01	388.42	231.48	323.22	310.99	
ENSMUSG00000068289	Cma2	28.03	93.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.25	68.80	90.42	26.10	402.26	246.95	115.20	72.95	0.00	177.80	75.61	23.69	0.00	88.38	110.75	
ENSMUSG00000068323	Slc4a5	124.29	0.00	0.00	0.00	36.23	0.00	0.00	0.00	0.00	0.00	191.70	98.18	301.39	99.18	248.54	188.51	296.81	169.86	243.28	279.88	191.69	0.00	155.77	31.56	114.10	
ENSMUSG00000068327	Tlx2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.19	15.46	44.05	33.93	87.64	34.87	17.64	16.33	0.00	36.58	65.68	0.00	37.42	22.73	0.00	
ENSMUSG00000068341	Reg3d	31.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.59	19.33	0.00	0.00	0.00	0.00	26.98	0.00	97.55	0.00	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000068373	D430041D0	203.72	0.00	114.77	52.46	36.22	139.90	0.00	38.64	230.76	160.21	404.01	483.15	670.02	482.86	573.22	444.88	395.40	240.63	374.56	291.79	230.64	162.48	229.74	79.54	212.55	
ENSMUSG00000068522	Aard	74.76	219.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.99	143.79	57.96	0.00	122.12	57.50	84.06	30.49	191.50	0.00	26.73	76.16	46.99	50.50	0.00	
ENSMUSG00000068547	Clca4a	300.91	0.00	105.08	173.27	93.30	107.71	47.60	56.53	24.47	106.18	85.54	18.55	4.64	26.10	0.00	62.21	309.26	89.28	134.89	216.93	270.35	104.93	0.00	404.03	114.10	
ENSMUSG00000068615	Gjd2	32.71	116.07	27.57	46.94	99.44	0.00	0.00	0.00	0.00	0.00	126.02	149.20	162.29	60.03	140.79	269.57	96.51	32.67	30.11	218.63	0.00	71.93	0.00	8.84	0.00	
ENSMUSG00000068696	Gpr68	98.12	119.29	169.92	183.82	19.64	125.45	142.79	94.45	251.73	128.93	119.91	258.20	74.19	91.35	195.38	155.52	272.94	182.92	249.31	169.29	235.98	63.47	82.67	213.38	50.34	
ENSMUSG00000068697	Myo7	59.81	0.00	0.00	0.00	0.00	2.63	0.00	0.00	0.00	0.00	180.24	82.72	16.23	49.59	570.35	159.29	140.10	168.77	251.71	91.88	25.20	15.23	48.73	70.74	74.95	
ENSMUSG00000068699	Flnc	332.68	229.99	114.77	63.51	71.82	34.15	24.86	0.00	0.00	0.00	1221.20	769.95	1251.94	769.97	992.73	1247.00	1388.57	496.51	672.04	1124.62	558.27	278.41	673.55	255.04	191.29	
ENSMUSG00000068740	Celsr2	558.83	403.01	743.77	369.31	743.96	627.90	500.11	913.04	495.31	865.53	682.01	817.10	505.41	702.11	5.75	802.11	937.13	1339.27	609.41	907.70	1841.28	1217.73	1314.91	1210.83	1475.53	
ENSMUSG00000068745	Mybphl	22.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.85	58.75	57.96	161.82	1.44	104.62	120.38	197.08	119.23	124.20	92.41	64.31	150.55	25.25	0.00	
ENSMUSG00000068762	Gstm6	80.37	0.00	82.72	31.75	0.00	0.00	0.00	0.00	0.00	0.00	360.48	303.80	792.90	271.45	647.93	475.05	445.21	393.07	260.15	884.73	204.67	378.27	388.99	356.05	374.76	
ENSMUSG00000068885	Lce3f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.56	0.00	0.00	0.00	33.93	0.00	31.58	0.00	57.85	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000068888	Lce1i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.07	34.01	2.32	0.00	0.00	15.08	87.17	25.04	220.40	49.34	54.22	92.24	0.00	35.35	0.00	
ENSMUSG00000068890	Lce1a2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.50	53.32	31.32	0.00	29.22	17.64	71.86	103.58	34.88	0.00	77.01	218.43	0.00	0.00	
ENSMUSG00000069080	Lcn11	14.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	153.51	153.83	159.97	242.74	830.38	151.75	135.95	107.79	86.72	260.31	87.06	137.09	11.31	0.00	0.00	
ENSMUSG00000069132	Nxph2	124.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.27	58.75	62.60	39.15	303.13	11.31	30.10	52.26	0.00	119.10	0.00	0.00	0.00	15.15	0.00	
ENSMUSG00000069170	Adgrv1	27.10	0.00	36.52	46.25	55.24	0.00	0.00	0.00	0.00	0.00	145.87	60.30	120.56	276.67	120.68	103.68	258.41	248.25	236.06	77.41	259.66	201.40	157.51	59.34	85.02	
ENSMUSG00000069258	Prl2b1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.65	0.00	36.66	0.00	0.00	0.00	0.00	
ENSMUSG00000069372	Ctxn3	28.97	0.00	58.88	16.57	7.37	0.00	17.76	73.70	0.00	0.00	19.86	46.38	51.01	156.60	0.00	0.00	234.54	44.64	0.00	19.57	62.62	99.86	80.93	64.39	74.95	
ENSMUSG00000069733	Ube2u	0.00	0.00	0.00	0.00	0.00	0.00	27.71	0.00	0.00	0.00	57.28	0.00	0.00	0.00	0.00	19.79	75.76	46.82	0.00	0.00	0.00	0.00	0.00	13.89	0.00	
ENSMUSG00000069792	Wfdc17	53.27	0.00	573.10	172.57	84.71	39.41	132.13	28.62	0.00	0.00	599.53	361.78	197.06	167.04	191.07	427.92	569.75	492.15	935.84	548.70	862.98	1101.80	1461.97	963.38	643.24	
ENSMUSG00000069805	Fbp1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.74	153.06	194.75	140.94	0.00	144.21	204.45	174.21	0.00	167.59	111.50	154.86	158.38	90.91	0.00	
ENSMUSG00000069835	Sat2	0.00	42.99	4.47	112.52	60.16	66.99	98.03	33.63	263.39	72.05	0.00	34.79	78.83	52.20	584.72	32.99	93.40	0.00	66.24	33.18	35.13	99.01	0.00	34.09	57.05	
ENSMUSG00000069873	4930438A0	26.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102.34	43.29	46.37	91.35	17.24	0.00	0.00	9.80	0.00	135.26	0.00	65.16	0.00	0.00	0.00	
ENSMUSG00000069911	Fam196b	84.10	0.00	49.19	19.33	73.66	0.00	0.00	0.00	0.00	66.36	8.40	183.21	148.38	148.77	143.67	135.73	76.80	103.44	116.82	170.99	145.10	55.85	27.85	27.78	112.99	
ENSMUSG00000069922	Ces3a	25.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.19	75.76	57.96	86.13	0.00	116.88	75.76	28.31	0.00	114.84	108.45	80.39	100.08	65.65	0.00		
ENSMUSG00000069971	4933402J0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.26	0.00	0.00	0.00	0.00	
ENSMUSG00000070285	Slc22a14	8.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.05	102.81	176.20	164.43	142.23	182.86	124.54	152.44	0.00	234.79	32.08	37.23	131.40	85.86	0.00	
ENSMUSG00000070306	Ccdc153	180.36	155.83	98.37	49.01	38.06	24.96	52.57	61.54	233.09	257.86	0.00	10.05	6.96	0.00	0.00	0.00	303.04	143.73	491.39	231.39	272.64	323.26	127.05	478.52	220.38	
ENSMUSG00000070332	Trim80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.97	29.38	0.00	60.03	0.00	16.97	88.21	0.00	0.00	16.16	0.00	0.00	0.00	66.92	0.00	
ENSMUSG00000070345	Hsf5	0.00	0.00	14.16	0.00	0.00	36.94	47.23	78.08	0.00	0.00	71.03	20.87	4.64	7.83	0.00	139.50	11.42	29.40	74.67	41.68	88.59	0.00	0.00	82.07	61.53	
ENSMUSG00000070385	Ampd1	124.29	0.00	61.11	0.00	11.82	52.57	20.75	0.00	0.00	0.00	164.97	347.09	150.70	75.69	591.90	311.99	530.31	194.90	178.25	313.91	145.87	65.16	30.46	109.85	165.56	
ENSMUSG00000070471	Erich6	100.93	0.00	31.30	0.00	24.55	0.00	0.00	0.00	0.00	0.00	124.49	0.00	20.87	0.00	0.00	25.45	35.29	34.84	0.00	29.77	48.88	60.93	0.00	20.20	0.00	
ENSMUSG00000070531	Wfdc6b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.46	5.22	0.00	0.00	0.00	0.00	0.00	0.00	39.98	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000070570	Slc17a7	47.66	0.00	0.00	15.88	68.75	14.45	0.00	0.00	0.00	0.00	248.21	50.25	32.46	130.50	30.17	20.74	258.41	150.26	75.88	165.89	21.38	72.78	0.00	193.18	27.97	
ENSMUSG00000070644	Etnk2	45.79	0.00	140.85	0.00	18.41	0.00	0.00	0.00	0.00	11.38	164.97	18.55	85.78	57.42	324.68	21.68	120.38	115.42	45.77	36.58	37.42	16.08	0.00	16.41	79.43	
ENSMUSG00000070645	Ren1	122.42	82.75	0.00	0.00	0.00	25.62	0.00	0.00	0.00	0.00	411.65	206.40	280.53	240.13	275.84	378.91	222.09	233.01	537.15	209.27	151.98	54.16	288.91	183.08	34.68	
ENSMUSG00000070687	Htr1d	0.00	0.00	0.75	0.00	0.00	0.00	0.00	75.75	0.00	0.00	63.39	69.57	53.32	203.58	268.65	93.31	0.00	0.00	107.19	21.27	0.00	0.00	18.27	25.25	0.00	
ENSMUSG00000070702	Csn1s1	277.55	110.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	764.49	807.83	658.43	1012.70	1247.01	996.28	350.77	434.45	564.85	933.22	367.34	424.81	518.65	223.48	234.92	
ENSMUSG00000070704	Ugt2b36	59.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.96	28.71	0.00	109.34	106.89	55.53	169.82	86.77	96.99	0.00	110.52	55.55	149.90	
ENSMUSG00000070719	Pla2g4d	234.56	218.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1053.18	627.71	751.16	876.98	1071.74	828.50	428.61	440.98	1391.06	262.87	297.08	724.38	253.23	147.72	243.87	
ENSMUSG00000070732	Rbm44	105.60	63.41	0.00	39.35	52.18	0.00	0.00	12.88	0.00	62.57	124.49	146.10	271.25	250.57	216.93	94.26	59.15	77.31	177.04	57.00	103.10	233.56	49.60	0.00	0.00	
ENSMUSG00000070796	Psg21	111.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	199.33	324.68	153.02	148.77	0.00	131.01	481.54	268.94	24.09	129.31	124.48	61.78	0.00	102.27	86.14	
ENSMUSG00000070803	Cited4	226.15	0.00	33.54	64.89	55.86	16.42	0.00	5.01	0.00	75.84	41.24	207.95	134.47	88.74	0.00	37.70	275.02	186.19	152.96	120.80	208.49	154.86	158.38	104.80	116.34	
ENSMUSG00000070837	Aurkc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.38	0.00	0.00	0.00	0.00	65.98	1.04	0.00	0.00	12.76	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000070866	Zfp804a	20.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	47.93	102.01	305.38	0.00	60.32	38.40	0.00	46.97	0.00	0.00	34.70	53.95	0.00	0.00	
ENSMUSG00000070867	Trabd2b	292.50	295.54	268.29	446.62	187.83	674.53	322.52	699.81	205.12	809.60	174.13	165.43	166.93	31.32	47.41	70.69	335.21	42.46	74.67	335.18	486.48	176.02	244.53	229.79	287.50	
ENSMUSG00000071234	Syndig1l	40.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206.21	59.52	20.87	78.30	502.83	277.11	117.27	15.24	178.25	199.91	48.11	103.24	0.00	262.62	66.00	
ENSMUSG00000071265	1700086L1	42.05	0.00	82.72	24.16	14.12	0.00	51.86	25.04	0.00	0.00	29.02	66.48	78.83	60.03	768.61	161.18	81.99	18.51	59.01	164.18	67.97	66.01	70.49	55.55	140.95	
ENSMUSG00000071317	Bves	82.24	211.72	0.00	3.45	19.64	105.74	31.26	65.83	53.61	0.00	66.44	72.67	30.14	151.38	0.00	337.43	22.83	204.70	326.39	51.04	85.53	0.00	68.75	17.68	25.73	
ENSMUSG00000071322	Tcp10a	59.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.46	140.94	0.00	0.00	41.51	38.11	0.00	15.31	0.00	0.00	53.08	0.00	0.00	
ENSMUSG00000071324	Armc2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.94	106.68	78.83	101.79	0.00	148.92	143.22	94.73	136.09	75.71	64.15	72.78	233.22	73.23	34.68	
ENSMUSG00000071347	C1qtnf9	84.10	0.00	0.00	0.00	54.51	95.19	87.30	107.22	55.93	24.44	85.81	139.10	28.71	0.00	88.60	70.57	0.00	0.00	27.22	47.35	55.01	143.59	126.26	21.25		
ENSMUSG00000071356	Reg3b	350.44	1.07	0.00	0.00	0.00	4.29	0.00	346.02	927.93	509.43	303.71	777.80	0.00	1232.86	954.77	500.87	668.43	796.25	527.72	631.29	768.41	497.46	679.04			
ENSMUSG00000071361	Mcpt9	42.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.05	15.46	74.19	52.20	395.08	21.68	0.00	30.49	0.00	33.18	12.22	0.00	0.00	60.60	43.63	
ENSMUSG00000071519	Pres3	47.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.22	0.00	0.00	0.00	28.07	0.00	0.00	86.15	10.10	0.00	
ENSMUSG00000071561	BC100530	101.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.66	77.14	27.06	11.59	2.61	0.00	0.00	90.29	41.38	133.69	35.73	71.02	0.00	0.87	0.00	110.75	
ENSMUSG00000071562	Stfa1	7.48	0.00	0.00	0.00	0.00	38.64	0.00	0.00	0.00	0.00	0.00	19.33	2.32	0.00	0.00	0.00	32.17	56.62	80.69	0.00	0.00	215.79	46.99	0.00	0.00	
ENSMUSG00000071656	Lrm4cl	61.68	0.00	0.75	46.94	0.00	30.87	0.00	25.04	0.00	0.00	181.00	149.20	55.64	208.80	308.88	148.92	90.29	135.02	267.37	142.92	130.59	53.31	80.06	54.29	109.63	
ENSMUSG00000071721	1700010D0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.20	85.78	5.22	0.00	77.29	0.00	50.09	75.88	0.00	10.69	0.00	0.00	0.00	0.00	
ENSMUSG00000071726	Gm5941	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.39	105.13	18.55	20.88	76.14	33.93	9.34	38.11	109.60	84.22	24.44	71.93	55.69	0.00	0.00	
ENSMUSG00000071858	Gm94	28.03	61.26	50.68	0.00	0.00	9.95	16.46	0.00	0.00	46.45	98.52	137.60	178.52	28.71	448.24	117.82	257.37	225.39	137.30	489.15	999.68	704.91	909.38	411.61	253.94	
ENSMUSG00000071890	Mesh9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.47	39.43	206.34	33.93	193.95	151.75	312.38	82.75	254.12	57.00	51.93	141.32	0.00	73.23	124.17	
ENSMUSG00000072596	Ear2	0.93	206.34	2.24	31.75	0.00	80.13	0.00	47.94	54.78	235.11	148.93	62.62	16.23	26.10	409.45	123.47	166.05	349.52	258.94	247.55	707.19	977.40	710.97	450.75	501.17	
ENSMUSG00000072601	Ear1	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.99	116.73	64.92	180.09	0.00	94.26	441.06	338.63	625.07	509.57	892.77	702.38	791.03	821.95	788.67	
ENSMUSG00000072625	Gdf2	62.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.01	52.57	32.46	93.96	966.87	32.05	84.06	184.01	0.00	82.52	0.00	97.32	0.00	0.00	0.00	
ENSMUSG00000072754	Lrco1f	0.00	82.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	247.45	256.65	199.38	187.92	0.00	383.62	310.30	113.24	386.60	362.40	223.00	96.47	77.45	97.22	79.43	
ENSMUSG00000072845	Tmprss11a	73.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	339.10	78.08	95.05	41.76	0.00	507.09	36.32	67.51	302.30	64.65	32.84	234.41	0.00	25.25	252.82	
ENSMUSG00000073043	Atoh1	37.38	0.00	0.00	0.00	0.00	21.47	0.00	0.00	0.00	0.00	0.00	0.00	5.22	0.00	0.00	0.00	0.00	55.53	0.00	0.00	26.73	0.00	0.00	0.00	12.31	
ENSMUSG00000073209	Mt4	26.17	0.00	89.43	0.00	24.30	0.00	28.62	74.59	212.35	0

ENSMUSG00000078650	G6pc	104.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.30	233.46	118.24	80.91	0.00	242.24	241.81	270.03	49.38	231.39	142.81	0.00	71.36	37.88	29.09
ENSMUSG00000078698	Mrgpra3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.14	0.00	18.27	0.00	0.00	28.02	44.64	38.54	0.00	0.00	3.38	0.00	0.00	0.00
ENSMUSG00000078721	Fam205a1	36.45	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	156.56	126.01	146.06	13.05	53.16	20.74	47.74	6.53	0.00	34.03	3.82	74.47	65.27	64.39	49.22
ENSMUSG00000078763	Slfn1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.81	20.87	74.19	18.27	0.00	0.00	0.00	38.11	0.00	0.00	0.00	117.63	52.21	0.00	0.00
ENSMUSG00000078795	Ceacam15	243.90	486.84	3.73	0.00	0.00	0.00	31.97	0.00	0.00	0.00	775.18	964.75	867.09	542.89	762.86	1224.38	656.92	828.61	473.32	1038.70	647.62	737.92	838.89	450.75	426.22
ENSMUSG00000078796	Zfp541	4.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	352.08	81.94	122.88	7.83	254.29	128.19	181.61	104.53	122.85	246.70	104.63	154.01	70.49	155.30	170.04
ENSMUSG00000078816	Prkcg	0.00	0.00	0.00	0.00	0.00	0.00	44.75	64.40	0.00	0.00	443.73	251.24	340.81	237.52	0.00	204.53	0.00	20.69	67.45	35.73	0.00	62.62	108.78	0.00	0.00
ENSMUSG00000078817	Nlrp12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.97	0.00	44.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.15	0.00	78.32	0.00	0.00
ENSMUSG00000078942	Naip6	121.48	22.57	60.37	17.95	0.00	57.80	0.00	0.00	0.00	66.36	150.45	13.91	71.87	151.38	231.30	33.93	193.03	163.33	84.31	69.76	279.51	286.87	613.51	236.11	117.46
ENSMUSG00000079025	Gsdmc	39.25	97.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	210.79	250.46	162.29	0.00	432.43	279.94	180.58	125.22	114.42	155.68	75.61	229.33	52.21	64.39	0.00
ENSMUSG00000079055	Slc8a3	110.27	0.00	0.00	0.00	0.00	36.12	0.00	0.00	0.00	0.00	50.41	170.84	227.20	143.55	0.00	68.81	78.87	53.35	97.55	98.68	17.57	42.31	34.81	22.73	0.00
ENSMUSG00000079071	Gm14085	124.29	0.00	0.00	0.00	0.00	0.00	152.02	25.76	0.00	0.00	283.34	209.49	338.49	234.91	0.00	367.60	126.61	100.17	99.96	178.65	84.77	0.00	181.88	112.37	78.31
ENSMUSG00000079110	Capn3	0.00	0.00	6.71	110.45	69.36	139.90	166.23	50.09	0.00	0.00	312.37	511.75	470.64	232.30	0.00	14.14	59.15	33.75	0.00	64.65	326.10	321.57	461.22	0.00	0.00
ENSMUSG00000079168	Cd209g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.37	34.79	39.41	7.83	1.44	65.98	44.63	130.66	148.14	137.81	18.33	0.00	0.00	0.00	0.00
ENSMUSG00000079173	Zan	118.68	0.00	28.32	0.00	0.00	24.30	0.00	0.00	0.00	86.27	694.23	807.05	421.95	490.69	1101.91	672.04	527.20	350.61	575.69	194.81	357.41	114.24	159.25	114.90	241.63
ENSMUSG00000079186	Gzmc	0.00	0.00	0.00	42.11	0.00	0.00	14.21	0.00	0.00	0.00	266.54	133.74	67.23	193.14	435.31	178.14	49.81	193.81	195.11	440.66	125.25	350.34	113.13	95.96	72.71
ENSMUSG00000079243	Xirp1	7.48	0.00	20.12	6.21	0.00	41.38	0.00	25.76	0.00	0.00	220.72	264.38	127.51	315.82	0.00	455.25	214.82	158.97	361.31	316.46	61.86	9.31	220.17	160.35	101.80
ENSMUSG00000079259	Trim71	2.80	0.00	0.00	0.00	0.00	0.00	0.00	25.76	0.00	0.95	279.52	134.51	245.75	80.91	2.87	245.06	176.43	264.59	91.53	275.63	120.66	246.25	0.00	69.44	45.87
ENSMUSG00000079262	Slco1a6	0.00	55.88	0.00	0.00	0.00	0.00	0.00	23.61	68.76	182.02	0.00	0.00	0.00	23.49	452.55	0.00	1.04	0.00	0.00	2.55	12.98	114.24	129.66	93.43	152.14
ENSMUSG00000079298	Klrb1b	18.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112.27	49.47	0.00	20.88	0.00	170.60	0.00	0.00	0.00	71.46	58.04	63.47	52.21	0.00	33.56
ENSMUSG00000079330	Lemd1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.04	0.00	0.00	67.97	90.45	55.64	5.22	0.00	25.45	18.68	0.00	38.54	48.49	22.15	49.08	153.16	0.00	0.00
ENSMUSG00000079339	Ifit1bl1	385.01	104.25	0.00	0.00	0.61	36.78	0.00	31.48	0.00	0.00	339.86	343.23	769.71	245.35	0.00	599.46	443.14	765.45	572.08	604.85	453.64	1049.33	487.32	680.54	888.23
ENSMUSG00000079346	1700013D2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.69	0.00	0.00	0.00	28.02	0.00	0.00	0.00	0.00	43.16	0.00	0.00	0.00
ENSMUSG00000079428	Tceal7	90.65	0.00	0.00	47.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.74	13.91	0.00	418.07	21.68	0.00	53.35	128.87	62.10	25.20	95.62	0.00	0.00	111.87
ENSMUSG00000079440	Alpi	191.57	20.42	0.00	16.57	0.00	13.79	0.00	25.76	0.00	0.00	560.58	435.99	938.96	409.78	820.33	762.53	550.03	880.87	487.77	596.34	434.55	147.25	500.38	180.55	342.31
ENSMUSG00000079445	B3gnt7	107.47	0.00	115.51	15.88	66.29	61.74	109.40	103.04	4.66	366.88	177.19	163.88	20.87	232.30	0.00	175.31	76.80	108.88	334.82	92.73	72.55	70.24	109.65	65.65	70.48
ENSMUSG00000079451	Tmprss11g	23.36	0.00	63.35	0.00	20.87	0.00	0.00	9.30	0.00	0.00	47.35	85.81	0.00	0.00	186.76	0.00	35.29	26.13	0.00	22.97	62.62	0.00	94.85	29.04	62.65
ENSMUSG00000079465	Col4a3	75.69	0.00	0.00	0.00	0.00	39.41	0.00	0.00	86.24	0.00	178.71	139.92	74.19	318.43	400.83	199.82	179.54	160.06	137.30	237.34	142.05	152.32	253.23	41.67	0.00
ENSMUSG00000079476	1700011M0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99.69	0.00	0.00	65.04	90.29	0.00	0.00	70.61	0.00	0.00	116.61	11.36	0.00
ENSMUSG00000079479	Gm9112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.30	21.79	0.00	48.18	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000079494	Nat8f5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.83	0.00	0.00	140.94	0.00	19.79	42.55	0.00	0.00	0.00	0.00	38.08	0.00	94.69	34.68
ENSMUSG00000079495	Nat8f6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.35	0.00	11.59	0.00	0.00	0.00	36.32	64.24	0.00	18.72	0.00	1.69	0.00	0.00	0.00
ENSMUSG00000079516	Reg3a	82.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.74	283.71	97.37	300.16	393.64	236.58	143.22	90.37	174.63	306.25	187.11	149.78	73.10	176.76	71.60
ENSMUSG00000079550	Mpp4	61.68	23.64	0.00	0.00	0.00	53.86	28.42	0.00	0.00	0.00	112.27	33.24	57.96	148.77	0.00	53.73	101.70	77.31	84.31	53.59	89.35	147.25	147.07	0.00	0.00
ENSMUSG00000079584	Gm364	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.71	30.14	107.01	541.62	19.79	12.45	25.04	134.89	57.00	0.00	155.71	52.21	0.00	0.00
ENSMUSG00000079598	Olfr2i	28.97	0.00	0.00	0.00	0.00	0.00	0.00	3.58	0.00	0.00	98.52	149.97	134.47	10.44	0.00	164.95	84.06	38.11	43.36	170.14	25.20	0.00	0.00	32.83	111.87
ENSMUSG00000079654	Prrt4	82.24	212.79	0.00	0.00	12.89	0.00	0.00	0.00	0.00	91.96	300.15	241.19	199.38	195.75	271.53	256.37	157.74	174.21	116.82	171.84	92.41	223.41	0.00	0.00	0.00
ENSMUSG00000079666	1700015F1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.15	0.00	0.00	45.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000081044	AU015836	0.00	0.00	0.00	0.00	0.00	31.53	0.00	0.00	0.00	0.00	0.00	45.61	85.78	130.50	0.00	95.20	29.06	45.73	63.83	136.11	134.41	0.00	0.00	13.89	0.00
ENSMUSG00000084174	Sycn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.81	67.25	6.96	5.22	0.00	38.64	30.10	57.71	0.00	23.82	0.00	80.39	99.21	112.37	57.05
ENSMUSG00000084897	Gm14226	16.82	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	312.37	221.86	389.49	65.25	0.00	306.33	181.61	96.91	238.47	162.48	0.00	159.09	127.92	118.68	227.09
ENSMUSG00000085079	Khdc1b	134.57	66.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	190.17	122.91	359.35	151.38	316.06	450.54	121.42	205.79	133.69	334.32	0.00	104.09	152.29	160.35	90.61
ENSMUSG00000085576	Dpy19l2	31.77	0.00	29.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.83	48.70	20.87	7.83	0.00	32.99	0.00	83.84	51.79	12.76	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000089929	Bcl2a1b	410.24	20.42	162.47	42.11	50.33	73.56	104.43	113.06	34.96	203.82	603.35	315.40	421.95	670.79	1841.79	1055.66	1195.54	746.94	1534.38	1627.39	1712.98	1875.26	2009.34	1382.54	1444.21
ENSMUSG00000089942	Pira2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.21	0.00	26.10	0.00	64.09	0.00	0.00	57.81	0.00	0.00	0.00	75.71	18.94	0.00
ENSMUSG00000090061	Nwd2	111.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.08	118.28	197.06	172.26	0.00	119.70	67.46	82.75	192.70	156.53	48.11	0.00	117.48	25.25	0.00
ENSMUSG00000090084	Srpx	39.25	0.00	35.77	0.00	0.00	6.57	0.00	0.00	0.00	0.00	0.00	88.13	0.00	31.32	300.26	28.28	22.83	67.51	0.00	0.00	36.66	0.00	15.66	0.00	0.00
ENSMUSG00000090236	Car15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.73	0.00	0.00	0.00	65.16	0.00	0.00	0.00
ENSMUSG00000090314	2310050C0	0.00	0.00	0.00	0.00	0.00	101.15	28.42	50.09	37.29	0.00	76.37	40.97	39.41	26.10	153.72	59.38	57.08	74.04	67.45	111.44	103.10	123.55	0.00	27.78	0.00
ENSMUSG00000090698	Apold1	87.84	1.07	0.00	0.69	12.89	87.35	0.00	52.24	0.00	117.55	148.16	163.88	136.79	28.71	0.00	174.37	347.66	56.62	26.50	88.47	7.64	0.00	151.42	99.74	0.00
ENSMUSG00000091175	9130204L0	32.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.20	87.35	67.23	70.47	0.00	0.00	79.91	63.15	0.00	31.48	0.00	0.00	0.00	11.36	19.02
ENSMUSG00000091255	Speer4e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.27	0.00	62.21	0.00	0.00	0.00	27.22	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000091897	Gm17019	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.74	0.00	0.00	0.00	16.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000091972	Tmem207	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.24	64.92	112.23	0.00	0.94	42.55	28.31	49.38	74.86	0.00	63.47	0.00	0.00	102.92
ENSMUSG00000092035	Peg10	23.36	0.00	35.77	0.69	41.13	69.62	0.00	28.62	418.39	130.83	519.34	257.42	354.72	519.40	232.74	253.55	155.67	114.33	323.98	119.10	186.34	12.69	60.05	29.04	0.00

Supplementary Table 1 B - Normalized counts of Aire-Independent TRAs across mTEC$^{Ai/o}$, mTEC$^{Ai/o}$, mTEC$^{Ci/o}$, mTEC$^{Ai/hi}$, mTEC$^{Ai/hi}$ and mTEC$^{Ci/hi}$.

geneID	mTEC$^{Ai/o}$			mTEC$^{Ai/o}$			mTEC$^{Ci/o}$			mTEC$^{Ai/hi}$			mTEC$^{Ai/hi}$			mTEC$^{Ci/hi}$			
ENSMUSG00000000028 Cdc45	787.78	986.58	465.79	590.90	802.89	484.72	388.58	613.23	522.12	511.93	480.39	572.05	595.83	365.41	1514.23	387.39	161.90	443.16	708.17	226.29	267.30	731.15	497.77	260.09	346.79
ENSMUSG00000000049 Apoh	55.14	0.00	29.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	104.63	49.47	122.88	88.74	420.94	314.81	0.00	202.52	125.26	47.64	55.75	191.25	89.63	5.05	0.00
ENSMUSG00000000120 Ngfr	912.07	1671.16	1877.30	1397.17	1500.81	2870.21	2721.49	1879.75	2372.83	3400.51	755.33	1042.83	966.78	736.04	1808.74	877.52	595.69	902.65	727.44	1008.08	735.44	1165.27	1015.55	1282.80	1595.23
ENSMUSG00000000154 Slc22a18	314.93	246.11	68.56	42.80	85.32	54.51	276.34	42.93	76.92	77.74	248.21	323.90	510.05	117.45	0.00	246.95	449.36	248.25	468.50	327.52	682.75	551.75	311.54	566.90	196.89
ENSMUSG00000000167 Plh1d2	59.81	119.29	0.00	0.00	11.05	36.12	43.33	55.10	0.00	0.00	19.86	133.74	83.46	91.35	0.00	43.36	95.48	252.61	72.26	95.28	187.11	211.56	293.26	142.67	121.94
ENSMUSG00000000216 Scnn1g	65.41	107.47	52.91	51.77	0.00	21.02	78.14	39.36	0.00	0.00	274.94	254.33	415.00	349.75	132.17	349.69	151.52	62.06	158.98	211.82	184.05	143.86	0.00	172.98	95.09
ENSMUSG00000000223 Drp2	865.34	585.71	1310.91	938.12	1256.51	572.73	368.69	849.36	891.56	436.08	934.04	742.12	727.98	850.88	415.19	804.94	704.66	1124.77	1181.49	614.20	707.19	869.08	744.04	367.41	462.01
ENSMUSG00000000248 Clec2g	447.62	211.72	84.21	111.83	15.35	48.60	60.38	54.38	85.08	0.00	128.31	64.94	88.10	153.99	0.00	417.55	334.17	332.10	585.33	436.41	288.68	208.17	333.29	550.49	397.13
ENSMUSG00000000301 Perm1	209.33	128.96	99.12	65.58	62.06	184.56	196.78	60.11	0.00	0.00	402.49	295.30	245.75	198.36	341.92	384.56	253.22	372.38	251.71	470.44	151.98	519.59	207.11	131.31	388.18
ENSMUSG00000000305 Cdh4	2607.25	2725.45	1702.91	2244.85	971.08	1286.01	2333.62	2370.62	279.70	751.77	2468.37	1545.31	820.72	1370.28	1961.03	3330.98	2152.39	1733.43	2477.40	1548.27	1971.11	1583.31	3484.37	4090.80	684.63
ENSMUSG00000000317 Bcl6b	94.38	0.00	0.00	45.56	0.00	37.44	0.00	0.00	80.42	97.64	113.03	18.55	0.00	7.83	249.98	32.99	102.74	0.00	107.19	39.98	0.00	106.63	53.08	63.13	25.73
ENSMUSG00000000318 Clec10a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	78.83	112.23	0.00	102.74	24.91	8.71	131.28	147.17	37.42	0.85	24.37	27.78	0.00
ENSMUSG00000000320 Alox12	469.12	99.95	117.01	18.64	100.67	120.19	403.50	153.13	45.45	78.68	305.49	293.76	287.48	180.09	479.84	416.61	380.87	554.22	658.79	705.23	530.77	200.56	810.18	583.32	956.47
ENSMUSG00000000325 Arvcf	359.78	369.70	1605.28	1881.76	1679.44	2022.28	1082.63	1879.04	319.33	711.01	784.35	616.11	813.76	785.63	0.00	192.28	225.20	380.00	352.88	342.83	1276.14	956.25	882.41	311.86	602.97
ENSMUSG00000000386 Mx1	1975.53	3262.80	1673.10	1985.99	3217.69	4438.64	2677.45	3680.80	2938.06	2512.22	1411.37	2042.37	1676.21	1795.72	1282.93	1869.08	1218.37	1522.19	1537.99	1405.35	2227.71	1917.57	2799.50	2328.22	2631.13
ENSMUSG00000000402 Egfl6	0.00	0.00	0.00	0.00	7.98	0.00	0.00	0.00	0.00	0.00	55.75	106.68	106.65	0.00	0.00	49.96	44.63	0.00	0.00	58.70	127.54	55.85	21.76	127.52	61.53
ENSMUSG00000000409 Lck	2385.77	1171.43	720.66	532.91	514.39	1697.82	1195.58	794.98	1153.78	769.78	750.75	679.50	971.41	597.70	576.10	1949.20	1568.11	718.63	369.74	769.03	1515.18	1321.82	1077.33	1874.95	739.44
ENSMUSG00000000411 Tssk3	95.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115.32	186.30	503.09	114.84	195.38	131.01	102.74	113.24	244.49	44.24	26.73	0.00	55.69	44.19	108.51
ENSMUSG00000000486 Sep-01	1756.85	556.70	262.33	331.34	208.70	585.21	660.66	440.06	854.26	451.25	1945.98	1406.93	1525.51	1858.36	3322.98	2537.35	3223.39	1829.25	2124.52	3370.47	2937.19	2432.08	2286.94	2791.59	2006.90
ENSMUSG00000000531 Grasp	1045.70	885.56	1638.82	529.46	645.13	279.80	476.67	350.62	261.06	351.71	1530.51	2281.24	2285.95	2161.13	3310.05	1597.63	1523.48	2309.42	1815.00	1816.24	1295.24	1739.86	1568.14	1090.88	939.69
ENSMUSG00000000544 Gpa33	617.70	607.21	174.39	134.61	11.05	80.79	0.00	6.44	95.57	46.45	729.36	702.69	533.23	281.89	856.24	1340.31	1113.55	1040.93	1165.84	1953.20	1728.25	1507.15	1273.13	1775.21	2258.61
ENSMUSG00000000562 Adora3	22.43	0.00	28.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.38	57.96	5.22	186.76	99.91	0.00	0.00	0.00	27.22	23.67	0.00	20.89	0.00	2.24
ENSMUSG00000000632 Sez6	1453.14	879.11	1079.88	744.83	882.07	261.41	251.48	88.73	358.95	206.67	1115.81	1045.15	1156.89	1106.67	613.45	1338.43	1593.01	1440.53	1329.63	2030.62	743.84	795.46	646.57	1236.08	428.45
ENSMUSG00000000673 Haao	52.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.92	77.30	106.65	44.37	808.83	218.67	64.34	35.93	0.00	0.00	0.00	56.70	0.00	0.00	0.00
ENSMUSG00000000686 Abhd15	54.20	0.00	11.92	0.00	0.00	0.00	0.00	12.88	12.82	107.13	51.93	133.74	81.14	78.30	0.00	115.93	7.26	57.71	197.52	98.68	152.74	0.00	100.08	63.13	32.44
ENSMUSG00000000693 Loxl3	377.54	79.53	74.53	68.34	164.51	96.55	31.97	130.23	55.94	106.18	507.88	370.29	294.44	665.57	420.94	468.45	618.53	727.34	756.35	530.84	562.85	654.99	673.55	558.07	528.01
ENSMUSG00000000730 Dnmt3l	509.30	494.36	227.30	135.30	65.07	0.00	65.36	52.95	135.19	184.86	1952.09	1806.59	2144.53	1466.85	1678.01	1986.90	1416.59	1901.11	1694.56	2115.69	883.60	761.61	591.75	431.81	557.10
ENSMUSG00000000732 Icosl	16234.09	9837.84	6993.49	7836.97	6947.32	5754.21	4930.79	4975.95	4542.87	6299.52	23081.41	25245.94	23279.15	25108.80	23992.08	20117.85	17197.29	22632.57	20261.23	17350.85	8776.45	6304.46	7981.68	6444.28	8355.39
ENSMUSG00000000739 Sult5a1	543.88	1954.89	661.04	833.19	1056.40	2142.48	1898.15	2674.73	2866.97	3861.24	77.90	0.00	78.83	122.67	0.00	390.22	392.29	152.44	315.55	136.11	686.57	440.04	504.73	1130.02	1646.69
ENSMUSG00000000782 Tcf7	4890.22	857.61	891.33	1144.52	497.20	3274.80	3014.88	1267.96	924.19	1870.42	6685.68	7263.48	6943.64	7026.29	5950.61	7665.78	5205.58	3684.63	3280.72	3806.02	6828.25	4156.71	4394.62	4742.30	3031.61
ENSMUSG00000000792 Slc5a5	156.06	223.54	151.29	176.72	289.73	135.30	269.24	255.45	118.87	241.74	221.48	111.32	51.01	281.89	0.00	265.80	184.73	258.05	275.80	368.35	319.99	278.41	568.25	494.94	300.92
ENSMUSG00000000811 Txnrd3	1534.44	2120.39	1261.72	1804.44	1272.47	1503.41	2161.00	1696.71	1443.97	1750.97	1677.91	790.05	957.50	845.66	1640.66	1300.72	1556.69	1531.99	1729.49	1230.96	1599.19	1937.88	1722.17	1893.89	1130.98
ENSMUSG00000000817 Fasl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.53	0.00	0.00	56.56	0.00	0.00
ENSMUSG00000000823 Zfp512b	3649.21	2320.29	2716.46	3127.06	4732.01	2924.07	2378.37	3740.91	2757.42	3050.69	2752.48	2211.67	2353.19	2630.94	1093.29	2308.31	3048.00	2538.08	1984.81	2241.59	1920.71	2124.05	1641.24	2636.30	1496.79
ENSMUSG00000000861 Bcl11a	813.01	1417.53	979.27	1002.31	1311.14	1211.14	1024.38	1616.43	1644.43	2326.41	533.08	225.73	245.75	793.46	170.96	352.51	527.20	248.25	234.85	433.01	645.33	786.15	881.53	739.88	737.21
ENSMUSG00000000869 Il4	57.94	0.00	0.00	0.00	112.94	97.21	36.23	0.00	0.00	0.00	131.36	287.57	115.92	381.07	84.76	266.74	444.18	156.79	181.86	290.09	210.02	66.01	49.60	228.53	201.36
ENSMUSG00000000884 Gnb1l	214.00	716.83	127.44	153.25	348.04	229.88	448.96	130.23	278.54	196.24	418.52	69.57	377.90	161.82	341.92	91.43	154.63	327.74	168.61	113.14	197.80	267.41	172.30	50.50	99.56
ENSMUSG00000000901 Mmp11	127.09	392.27	238.48	127.71	198.27	396.05	271.37	299.82	554.75	701.53	66.44	81.94	0.00	20.88	0.00	135.73	36.32	184.01	0.00	52.74	58.04	110.86	93.98	6.31	111.87
ENSMUSG00000000938 Hoxa10	54.20	0.00	0.00	0.00	0.00	0.00	19.89	0.00	0.00	0.00	116.85	113.64	32.46	18.27	505.70	143.27	133.88	65.33	0.00	121.65	102.34	45.70	31.33	46.72	19.02
ENSMUSG00000000942 Hoxa4	28.03	0.00	66.33	29.68	64.45	36.78	35.52	24.33	0.00	0.00	0.00	23.19	0.00	0.00	145.10	30.16	0.00	0.00	0.00	46.79	0.00	0.00	84.41	0.00	2.24
ENSMUSG00000000958 Slc7a7	1735.36	1839.89	2624.80	2277.30	1190.22	1997.32	1403.01	1538.44	1722.51	1467.52	2175.10	3500.33	3408.06	3562.73	2218.19	3215.05	2219.84	2506.50	2570.14	1995.74	1729.78	1019.71	1702.15	1214.62	1578.45
ENSMUSG00000001014 Icam4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.59	0.00	0.00	3.05	24.74	90.42	15.66	0.00	0.00	0.00	0.00	0.00	46.59	0.00	26.11	0.00	0.00	0.00
ENSMUSG00000001023 S100a5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	279.52	15.46	4.64	70.47	514.32	282.77	176.43	49.00	214.38	100.38	107.68	0.00	0.00	17.68	0.00
ENSMUSG00000001027 Scn4a	242.03	1.07	149.05	228.49	268.76	141.21	103.05	69.41	276.21	76.79	711.03	612.25	609.74	1088.40	0.00	753.10	525.12	858.00	334.43	693.32	358.18	479.82	440.33	425.49	330.01
ENSMUSG00000001029 Icam2	193.44	7.52	100.61	11.74	0.00	48.60	114.37	28.62	0.00	0.00	0.00	39.43	132.15	101.79	53.16	68.81	133.88	17.42	0.00	42.53	93.17	0.85	0.00	172.98	196.89
ENSMUSG00000001039 B9d1	287.83	512.63	381.57	203.64	176.78	126.11	344.54	228.98	82.75	415.23	191.70	348.64	171.56	310.60	63.21	429.80	235.58	242.81	291.46	277.33	153.50	333.42	31.33	204.54	214.79
ENSMUSG00000001053 N4bp3	375.67	329.93	530.62	255.41	297.09	255.49	265.68	555.98	199.29	163.06	310.07	185.53	99.69	140.94	732.69	357.23	550.03	717.54	370.95	484.90	698.79	435.81	629.17	627.51	677.92
ENSMUSG00000001095 Slc13a2	674.71	353.58	96.14	388.64	680.12	440.05	154.86	212.52	81.58	190.55	880.58	672.54	841.58	506.35	275.84	949.15	1285.83	400.69	393.83	570.82	777.45	882.62	300.23	453.27	448.59
ENSMUSG00000001120 Pcbp3	500.89	175.18	249.66	283.71	112.33	312.64	483.77	453.66	396.25	296.73	255.09	333.18	287.48	216.64	214.06	393.99	381.91	380.00	516.68	657.59	430.73	225.10	330.68	339.64	369.16
ENSMUSG00000001128 Cfp	216.80	97.80	122.22	139.44	144.86	279.14	178.31	224.68	233.09	132.72	203.15	166.20	118.24	328.87	429.56	378.91	593.62	399.60	694.93	449.17	519.32	734.53	119.22	516.40	422.86
ENSMUSG00000001131 Timp1	422.39	810.33	618.56	1074.11	608.92	715.91	544.87	793.55	1374.05	568.81	506.35	383.43	310.67	516.79	892.16	385.50	473.23	538.97	511.86	450.87	507.86	985.02	911.12	290.40	753.99
ENSMUSG00000001249 Hpn	335.48	200.97	408.40	289.93	313.05	484.06	339.56	405.72	89.74	329.91	1166.21	556.59	521.64	527.23	511.45	535.37	584.28	818.81	316.75	735.85	504.04	490.82	402.91	916.64	496.69
ENSMUSG00000001260 Gabrg1	0.00	0.00	0.00	0.00	34.99	0.00	0.00	0.00	0.00	0.00	0.00	30.15	25.50	57.42	0.00	41.47	15.57	0.00	0.00	22.12	0.76	0.00	119.22	0.00	0.00
ENSMUSG00000001281 Itgb7	251.38	84.90	225.07	94.57	140.57	18.39	272.79	183.90	8.16	98.59	272.65	70.35	64.92	156.60	0.00	131.01	335.21	169.86	192.70	333.47	160.38	261.49	254.98	296.71	96.21
ENSMUSG00000001313 Rnd2	25.23	132.19	121.48	229.87	143.02	54.51	91.64	148.12	75.75	29.39	177.95	128.32	204.02	28.71	387.90	95.20	117.27	73.13	133.69	124.20	88.59	59.24	160.12	309.34	0.00
ENSMUSG00000001333 Sync	185.03	419.13	466.53	342.39	292.80	217.40	179.73	264.74	346.13	427.51	114.56	212.59	319.94	143.55	0.00	276.17	284.36	508.49	526.21	233.09	282.57	215.79	48.73	414.13	327.77
ENSMUSG00000001420 Tmem79	79.43	78.45	256.37	57.99	64.45	148.44	162.68	128.80	347.30	253.12	25.20	50.25	27.82	31.32	0.00	54.67	227.28	189.46	191.50	227.14	263.48	136.24	238.44	337.11	517.95
ENSMUSG00000001444 Tbx21	537.34	250.41	127.44	50.39	110.49	117.57	236.56	62.25	87.41	125.14	1488.51	1095.40	1780.54	759.53	1202.48	1545.79	1157.14	1373.02	1341.68	1978.72	1041.69	1416.60	797.99	978.51	665.61
ENSMUSG00000001493 Meox1	320.53	378.30	202.71	456.29	235.10	347.45	484.48	394.98	1023.25	627.58	155.80	258.20	303.71	482.86	883.54	347.80	426.53	542.24	207.15	470.44	786.61	244.56	315.02	310.60	816.63
ENSMUSG00000001497 Pax9	2933.39	3148.88	3301.49	3397.65	3876.33	4544.39	3636.47	4340.54	4023.08	3792.04	1687.08	2833.19	2872.51	3150.34	2298.64	1739.01	2352.68	2568.57	2092.00	1946.40	2634.77	2621.64	3630.57	2811.80	2247.42
ENSMUSG00000001504 Irx2	43.92	0.00	23.85	40.73	0.00	27.59	0.00	113.77	0.00	55.93	28.26	64.94	9.27	5.22	0.00	43.36	267.75	89.28	263.76	49.34	122.19	218.33	114.00	109.85	127.53
ENSMUSG00000001507 Itga3	6502.23	5638.97	6907.04	7422.79	6429.86	8273.69	6649.22	6790.59	7514.73	7806.86	8236.81	9578.74	8035.61	11278.08	6477.86	5012.50	5847.97	6082.25	4323.71	5482.75	4221.74	4808.31	4753.15	4218.33	5331.61
ENSMUSG00000001517 Foxm1	1974.59	2468.60	1866.12	1943.88	2448.57	2310.62	2137.55	2575.99	1639.77	1385.99	1250.99	1494.29	804.49	1806.16	234.17	1183.85	893.54	598.86	473.32	500.21	1195.19	1941.27	1106.92	564.38	990.03
ENSMUSG00000001558 Klhl10	0.00	0.00	83.47	17.26	0.00	29.56	53.99	0.00	0.00	0.00	20.62	23.96	97.37	91.35	0.00	0.00	89.25	53.35	0.00	5.95	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000001622 Csn3	25.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.70	55.66	136.79	214.03	725.51	196.99	62.27	199.26	3.61	68.91	135.17	98.16	254.98	13.89	48.10
ENSMUSG00000001750 Tcirg1	3153.93	3902.25	2835.70	3051.81	5226.14	5406.76	4200.52	4491.52	2949.72	3105.68	1190.65	630.03	950.55	856.10	624.94	1082.05	2120.21	1219.50	818.98	1137.38	2608.80	2382.15	1918.84	2729.73	1644.45
ENSMUSG00000001763 Tspan33	448.56	1118.77	43.22	149.79	19.64	51.89	0.00	33.63	43.12	0.00	1333.47	1193.57	957.50	1696.54	1685.19	778.55	715.04	973.42	1174.27	994.47	410.11	365.57	188.84	246.21	404.96
ENSMUSG00000001843 Vsig2	0.00	0.00	0.00	0.00	15.96	45.98	0.00	21.47	0.00	0.00	107.69	0.00	11.59	0.00	0.00	0.00	0.00	60.97	59.01	0.00	0.00	74.47	0.00	0.00	0.00
ENSMUSG00000001948 Spa17	117.75	160.13	5.22	171.88	145.48	87.35	44.04	233.27	83.91	0.00	49.64	144.56	287.48	200.97	147.98	76.35	338.32	128.48	702.15	293.49	133.65	31.31	154.03	285.35	390.42
ENSMUSG00000001986 Gria3	2255.88	1852.79	1133.54	924.31	1378.66	812.46	547.00	752.76	802.99	598.19	3558.98	4724.82	4513.94	4121.29	2768.43	3957.78	2763.65	2580.54	2900.14	2914.49	1764.15	1919.26	1603.82	1527.74	1192.51
ENSMUSG00000002006 Pdzd4	114.94	216.02	298.85	101.47	276.84	62.40	175.47	222.54	349.63	142.20	158.86	131.42	229.52	167.04	745.62	226.21	231.43	118.68	74.67	406.63	233.69	291.95	326.33	162.87	0.00
ENSMUSG00000002020 Litbp2	2443.71	1172.50	2698.58	3756.61	4046.36	7572.23	5769.05	6789.16	9120.70	11080.33	4600.70	4113.35	3836.97	4685.06	4811.35	3084.98	3749.55	6280.41	3000.10	5280.29	7908.88	7988.47	7699.72	7264.96	8413.56
ENSMUSG00000002068 Ccne1	478.46	461.05	737.06	443.17	519.91	279.80	407.76	512.34	148.01	381.10	297.09	391.16	398.77	391.51	439.62	428.86	320.68	227.57	166.20	143.77	155.03	235.25	234.96	266.41	36.92
ENSMUSG00000002076 Hsf2bp	3.74	0.00	61.86	37.97	0.00	0.00	85.96	0.00	90.90	0.00	80.96	64.94	51.01	261.01	165.21	337.43	58.12	177.48	0.00	245.85	98.52	294.49	33.07	39.14	92.85
ENSMUSG00000002108 Nr1h3	198.11	42.99	113.28	144.96	125.22	143.18	63.93	61.54	0.00	165.90	647.64	288.34	554.10	623.80	890.72	831.33	552.11	262.41	626.28	569.97	245.15	32.16	362.88	227.27	186.82
ENSMUSG00000002210 Smg9	1313.90	1959.19	924.12	668.21	936.09	1453.49	1516.68	1106.24	1362.39	1508.28	1381.59	1323.44	1353.95	908.30	1443.83	1147.09	1325.26	1198.81	1241.71	1100.80	898.11	1617.16	976.39	1253.76	1769.75
ENSMUSG00000002227 Mov10	1682.10	2140.81	1056.03	1642.22	1655.50	1771.39	1371.05	1802.48	942.84	2513.17	434.56	1068.34	292.12	415.00	827.51	1127.29	1297.24	617.37	697.33	923.01	1042.45	1491.07	1072.98	1843.39	1094.06
ENSMUSG00000002228 Ppm1j	118.68	0.00	0.00	0.00	31.31	122.16	66.07	10.02	58.27	111.87	318.47	196.35	201.70	287.11	0.00	181.91	122.46	52.28	363.72	367.50	243.62	115.09	80.93	270.20	204.72
ENSMUSG00000002249 Tead3	2532.49	2981.23	2082.25	2622.45	2525.91	2866.27	2502.69	2518.03	3290.08	3329.41	1393.81	1001.86	1472.19	1169.31	1084.67	1156.51	2066.25	2275.67	1351.31	2253.50	2592.76	2252.88	2273.89	2280.24	1802.19
ENSMUSG00000002250 Ppard	1259.70	1254.18	1323.58	1903.16	1377.43	1720.81	1886.79	1471.89	1649.09	1582.23	1784.07	1457.18	1534.79	1722.64	1014.28	1448.70	1304.51	1919.62	1711.42	1748.19	1917.65	1640.01	2161.63	1852.23	1929.72
ENSMUSG00000002274 Metrn	417.72	374.00	46.95	49.70	100.67	8.54	0.00	0.00	0.00	313.33	166.85	13.75	23.96	0.00	0.00	841.88	245.06	247.00	120.86	376.97	215.23	14.51	11.00	0.00	313.12
ENSMUSG00000002308 Cd320	229.89	543.80	388.28	461.81	268.86	323.14	526.40	320.57	559.41	148.84	420.81	195.58	222.57	159.21	324.68	561.76	245.96	296.16	0.00	279.03	274.93	405.35	288.04	284.08	299.81
ENSMUSG00000002324 Rec8	92.52	98.87	52.17	51.08	43.58	36.78	88.09	0.00	81.58	88.16	337.57	154.61	213.29	20.88	239.92	377.02	330.02	268.94	224.01	312.21	50.40	284.34	308.06	246.21	210.31
ENSMUSG00000002346 Slc25a42	2509.13	2606.16	1962.26	1676.74	1526.59	1581.57	1477.60	1738.79	2716.63	1513.97	2375.96	2474.50	2761.23	3233.87	1629.16	2980.35	2906.86	2603.41	2931.45	2779.23	2696.63	2473.55	2094.62	2955.73	1575.10
ENSMUSG00000002396 Ocel1	638.26	622.25	507.52	452.84	610.76	773.71	497.98	455.81	245.91	1010.58	654.52	664.04	616.70	728.21	0.00	373.25	616.45	543.33	600.98	640.58	638.45	533.98	722.28	724.73	600.73
ENSMUSG00000002409 Dyrk1b	501.83	312.74	556.71	357.58	548.76	738.90	693.34	354.20	564.07	357.40	350.55	449.91	275.89	626.41	895.03	685.24	480.50	419.20	572.08	928.96	651.44	252.18	534.32	1126.23	548.15
ENSMUSG00000002459 Rgs20	182.23	41.91	28.32	29.68	8.59	42.04	46.18	58.68	0.00	54.98	491.08	623.07	361.67	219.25	159.47	370.42	226.24	410.49	199.93	351.34	116.85	374.88	106.17	152.77	211.43
ENSMUSG00000002486 Tchp	828.90	582.49	585.77	281.64	776.49	780.93	335.30	542.39	585.05	751.77	755.33	509.43	609.74	746.48	0.00	813.42	702.59	454.05	879.20	850.70	575.83	849.62	881.53	747.46	854.67
ENSMUSG00000002565 Scin	694.33	1931.24	781.77	831.81	737.21	652.20	1026.51	766.36	681.78	494.86	1495.38	2152.92	1724.90	1615.63	992.73	1437.39	1110.44	1477.55	1050.22

ENSMUSG00000005131	4930550C14I	468.18	285.87	400.20	367.93	459.14	219.37	329.62	189.62	515.12	516.67	152.75	184.76	2.32	49.59	245.67	220.56	202.37	83.84	74.67	169.29	40.48	203.94	63.53	35.35	128.65
ENSMUSG00000005220	Corin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.92	200.45	66.36	123.72	6.96	141.42	109.62	422.38	82.94	0.00	114.33	173.43	131.86	0.00	0.00	81.80	50.50	0.00
ENSMUSG00000005232	G6pc2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.81	73.44	20.87	0.00	0.00	0.00	56.04	34.84	0.00	5.95	45.82	0.00	0.00	0.00	0.00
ENSMUSG00000005373	Mtxlpl	640.13	470.72	72.29	265.07	197.65	74.22	100.87	115.20	0.00	17.06	564.40	541.13	744.21	511.57	449.67	869.03	1279.60	493.24	1002.04	592.09	478.08	768.38	328.07	284.08	285.26
ENSMUSG00000005465	Il27ra	307.45	0.00	0.00	77.31	0.00	206.89	142.08	20.75	0.00	273.03	733.94	797.00	380.22	193.14	484.15	558.93	333.13	486.71	263.76	364.95	196.27	176.86	270.64	70.71	211.43
ENSMUSG00000005493	Msh4	72.89	0.00	61.11	143.58	49.72	0.00	0.00	78.00	52.44	61.62	136.71	207.95	445.13	122.67	83.33	275.23	188.88	142.64	102.37	260.31	222.24	103.24	91.37	0.00	53.70
ENSMUSG00000005540	Fcer2a	1145.69	261.15	1041.87	1130.71	1172.41	2093.87	1466.24	733.44	1900.83	1922.56	1703.88	2699.46	1655.34	1894.91	3575.83	2545.84	2160.69	1774.80	1658.43	1993.19	1638.90	1775.40	1608.17	1195.68	2150.09
ENSMUSG00000005547	Cyp2a5	1291.48	332.08	42.48	28.99	39.29	114.28	134.26	48.66	142.18	501.50	1354.09	663.27	544.83	589.87	2001.26	1662.66	4200.99	3262.16	4595.90	6480.62	11063.73	10357.93	6238.62	10088.12	12133.16
ENSMUSG00000005553	Atp4a	428.93	195.60	137.13	42.11	0.61	19.70	28.42	0.00	0.00	0.00	1488.51	1042.06	1493.06	1461.63	2113.31	2206.52	1269.22	1856.47	1462.11	1766.90	1090.56	804.77	536.06	627.51	1019.11
ENSMUSG00000005628	Tmod4	106.53	0.00	0.00	53.15	75.50	0.00	73.88	48.66	0.00	0.00	0.00	67.25	41.73	20.88	0.00	68.81	135.95	99.08	193.90	150.57	85.53	0.00	0.00	133.83	0.00
ENSMUSG00000005677	Nr1i3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.57	0.00	0.00	0.00	29.04	0.00
ENSMUSG00000005696	Sh2d1a	88.78	69.86	71.54	0.00	5.52	88.67	17.76	20.04	0.00	0.00	89.36	52.57	18.55	0.00	0.00	83.89	74.72	0.00	0.00	45.94	61.86	31.31	145.33	53.03	52.58
ENSMUSG00000005699	Pard6a	197.18	301.99	350.27	113.90	110.49	145.15	105.14	65.12	361.29	211.41	171.84	217.22	306.03	357.58	0.00	337.43	345.59	136.10	337.23	328.37	212.31	38.08	194.06	180.55	45.87
ENSMUSG00000005763	Cd247	524.25	502.96	0.00	60.06	68.14	462.39	331.04	203.22	111.88	182.02	201.62	112.09	544.83	143.55	0.00	853.01	429.65	368.03	193.90	85.92	258.89	359.65	276.73	498.72	176.75
ENSMUSG00000005883	Spo11	461.64	413.76	42.48	209.16	291.57	471.58	407.05	289.80	268.05	521.41	594.94	483.15	343.12	618.58	590.46	1007.59	760.70	663.10	473.32	323.27	633.11	731.99	547.37	449.48	270.72
ENSMUSG00000005917	Otx1	0.00	0.00	0.00	0.00	0.00	0.00	45.46	0.00	0.00	0.00	0.00	8.50	2.32	0.00	308.88	0.00	25.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.49
ENSMUSG00000005950	P2rx5	227.08	205.27	211.65	317.54	303.23	200.98	337.43	518.06	512.79	472.11	713.32	599.88	312.99	746.48	413.76	487.30	436.91	423.56	505.84	709.48	210.78	626.21	421.19	257.57	262.89
ENSMUSG00000005951	Shpk	213.07	51.59	184.82	49.70	189.06	111.00	147.76	58.68	188.80	328.96	122.96	165.43	95.05	271.45	183.89	190.40	89.25	381.09	415.51	298.60	255.08	274.18	170.56	316.91	106.27
ENSMUSG00000005980	Dnase1	136.44	105.32	70.05	136.68	144.25	257.46	96.61	40.79	83.91	96.70	443.73	181.66	431.22	70.47	0.00	266.74	116.23	86.02	181.86	34.03	7.64	133.71	17.40	147.72	241.63
ENSMUSG00000005983	1700037C18I	71.02	194.52	114.02	167.74	119.08	133.99	59.67	127.37	0.00	101.44	95.47	172.39	27.82	52.20	166.65	362.88	227.28	239.54	226.42	332.62	248.97	72.78	267.16	243.68	123.05
ENSMUSG00000005986	Ankrd13d	226.15	194.52	184.82	49.01	107.42	236.45	80.27	90.88	138.69	277.77	24.44	81.94	76.51	91.35	283.02	101.80	175.39	236.28	273.39	304.55	93.17	151.48	124.44	372.47	63.76
ENSMUSG00000006019	Dhx34	749.47	509.41	942.75	858.04	766.06	1144.14	701.86	895.16	597.87	887.34	688.88	1219.86	739.57	824.78	1081.80	1403.46	1361.59	963.62	828.61	1196.93	1251.71	1052.72	1043.40	797.96	739.44
ENSMUSG00000006241	Ccdc159	45.79	32.24	45.46	92.50	117.86	61.08	117.21	88.01	88.57	54.04	100.05	154.61	217.93	182.70	60.34	109.34	178.50	160.06	20.47	292.64	55.75	210.71	0.00	126.26	230.45
ENSMUSG00000006310	Zbtb32	61.68	0.00	93.90	15.88	0.00	191.13	0.00	17.17	177.15	0.00	116.85	78.85	64.92	120.06	306.01	102.74	106.89	144.82	345.66	207.57	69.50	234.41	0.00	107.32	25.73
ENSMUSG00000006313	Upk1a	208.39	0.00	0.00	17.95	104.35	34.15	0.00	12.88	0.00	23.70	326.11	430.58	665.38	746.48	462.60	256.37	177.46	286.36	231.24	419.39	204.67	220.02	189.71	37.88	271.84
ENSMUSG00000006344	Ggt5	7418.97	10132.31	7284.14	7513.91	7864.99	10182.35	6686.87	7876.80	7930.79	7725.33	3771.29	3838.92	4662.32	3907.26	3450.84	3532.69	3859.56	4288.93	3321.67	3165.45	3451.16	4451.20	4252.77	3444.36	3917.60
ENSMUSG00000006378	Gcat	150.45	30.09	362.94	495.63	519.30	468.95	727.44	601.06	403.24	0.00	1410.61	1320.35	1683.17	2782.33	351.98	236.58	240.77	422.47	274.60	283.28	1069.94	506.05	930.27	191.91	67.12
ENSMUSG00000006386	Tek	377.54	195.60	123.71	16.57	30.69	46.63	76.01	0.00	90.90	200.98	533.85	440.63	514.69	354.97	596.21	675.81	446.25	654.39	944.23	867.71	310.83	254.72	114.87	376.25	217.02
ENSMUSG00000006395	Hyi	526.12	419.13	296.61	351.36	430.91	203.61	681.26	299.10	446.36	367.83	338.33	367.19	199.38	676.01	647.93	213.02	468.05	635.88	272.19	484.90	200.85	239.48	167.08	202.02	182.34
ENSMUSG00000006403	Adamts4	183.16	84.90	133.40	89.74	131.97	97.86	48.31	26.48	0.00	46.45	545.30	303.03	461.36	451.54	191.07	580.61	221.05	461.67	89.12	276.48	269.59	76.16	0.00	323.22	109.63
ENSMUSG00000006411	Nectin4	595.27	0.00	236.99	355.50	65.07	193.76	32.68	150.27	132.86	113.76	893.56	761.44	936.64	743.87	1156.50	617.37	1615.85	1382.82	1759.59	1502.33	2301.79	2252.68	1857.92	1645.16	1609.77
ENSMUSG00000006435	Neurl1a	558.83	214.94	913.69	690.30	653.73	159.60	284.87	103.76	0.00	161.16	665.21	733.61	526.28	469.81	774.36	435.46	962.04	722.99	888.83	1025.09	647.62	529.74	545.63	699.48	260.65
ENSMUSG00000006445	Epha2	932.63	195.60	351.02	216.06	149.16	277.17	88.80	430.05	69.93	252.17	3409.29	2989.35	2042.52	2931.10	1601.87	2538.29	1547.35	1652.86	1236.90	2292.63	1628.21	1616.31	1740.44	1252.49	804.33
ENSMUSG00000006457	Actn3	11118.65	10395.61	7128.38	6263.78	4350.82	4598.25	4649.48	3630.00	3167.65	3607.18	20532.08	23940.28	25843.31	23454.02	25233.35	22499.68	14482.42	15920.98	16835.98	16039.07	6890.87	7165.08	7791.97	7715.71	6461.47
ENSMUSG00000006464	Bbs1	351.37	428.81	430.01	323.75	101.28	170.11	355.90	186.04	95.57	425.66	623.20	504.80	445.13	639.47	110.62	548.57	238.69	590.15	488.98	455.12	378.80	328.34	583.92	496.20	396.01
ENSMUSG00000006488	Prf7a1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.41	0.00	0.00
ENSMUSG00000006526	Tmem110	717.69	787.76	445.66	663.38	697.31	461.07	441.15	580.31	799.49	560.27	643.82	521.03	586.56	195.75	590.46	760.64	758.63	653.30	611.82	653.34	410.11	544.98	418.58	328.27	1033.66
ENSMUSG00000006529	Itih1	167.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	277.23	430.58	350.08	336.70	228.43	715.40	232.47	173.13	262.55	398.98	148.16	0.00	102.69	200.75	53.70
ENSMUSG00000006542	Prkag3	38.31	312.74	0.00	42.11	48.49	0.00	0.00	0.00	0.00	0.00	72.55	78.08	48.69	44.37	366.35	137.61	103.78	132.84	0.00	154.83	13.75	73.62	0.00	40.40	14.54
ENSMUSG00000006575	Rundc3a	256.05	191.30	269.78	182.24	225.89	234.48	131.42	223.97	551.25	273.03	356.66	209.49	206.34	214.03	380.71	462.79	222.09	787.23	264.96	685.66	267.30	184.48	531.71	398.98	451.95
ENSMUSG00000006641	Slc5a6	503.69	123.59	160.23	387.95	166.96	158.29	260.00	269.05	40.79	289.14	591.89	394.25	558.74	469.81	429.56	381.73	416.16	478.00	376.97	490.00	271.88	534.82	562.16	294.18	198.01
ENSMUSG00000006651	Aplp1	509.30	134.34	345.80	441.79	534.65	239.73	717.49	292.66	462.68	592.51	1803.93	1822.83	1147.61	1566.04	2005.57	1618.36	1667.74	1167.23	1669.27	1745.63	1015.72	1277.82	929.40	1193.15	1191.39
ENSMUSG00000006711	D130043K22	23.36	77.38	37.26	0.00	0.00	0.00	0.00	22.18	0.00	0.00	213.08	226.50	157.65	193.14	0.00	243.18	0.00	31.58	386.60	184.60	87.83	82.08	0.00	45.45	70.48
ENSMUSG00000006720	Zfp184	385.95	387.97	395.73	599.18	519.91	457.79	416.29	470.83	202.79	187.71	264.25	147.65	185.47	7.83	0.00	93.31	100.67	154.61	251.71	199.91	293.26	189.56	386.38	189.39	138.72
ENSMUSG00000006784	Ttc25	148.59	451.38	68.56	39.35	16.57	0.00	50.44	37.21	0.00	180.12	95.47	306.12	139.10	216.64	357.73	223.39	289.54	454.05	486.57	660.99	129.83	207.33	90.50	251.26	223.74
ENSMUSG00000006850	Tmco6	261.66	752.29	286.92	280.95	650.66	436.77	448.25	403.57	44.29	534.68	393.32	368.74	350.08	216.64	814.58	276.17	230.39	338.63	214.38	286.69	471.20	592.37	135.75	428.02	563.81
ENSMUSG00000006930	Hap1	4105.25	3585.21	1366.06	1203.19	1856.83	1064.01	1274.43	1085.49	1223.71	883.54	3539.88	3028.00	3951.88	3779.37	2700.91	2877.79	3440.93	3952.48	3021.78	3527.00	1700.76	1733.94	1545.51	925.48	1660.11
ENSMUSG00000007021	Syngr3	42.05	0.00	0.00	6.90	0.00	0.00	0.00	10.73	0.00	0.00	0.00	30.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.21	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000007033	Hspa1l	0.00	109.62	38.75	30.37	0.00	31.53	29.13	30.05	0.00	0.00	36.66	0.00	32.46	44.37	0.00	0.00	23.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000007034	Slc44a4	134.57	318.11	35.03	12.43	0.00	9.85	44.75	39.36	109.55	0.00	316.95	83.49	27.82	36.54	0.00	470.33	59.15	247.17	67.45	553.80	758.35	622.83	93.11	386.35	488.86
ENSMUSG00000007050	Lsm2	778.44	536.28	1331.03	951.92	631.02	640.38	728.15	691.94	1361.23	574.49	530.79	774.59	679.29	639.47	380.71	503.32	577.01	348.43	449.23	652.49	342.90	545.82	536.06	327.01	225.97
ENSMUSG00000007107	Atp1a4	67.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	138.23	0.77	20.87	52.20	0.00	132.90	0.00	133.93	0.00	91.02	0.00	60.93	273.25	22.73	0.00
ENSMUSG00000007122	Casq1	96.25	1.07	140.85	326.51	179.85	29.56	0.00	108.05	11.65	155.47	42.01	51.79	0.00	20.88	50.28	85.77	25.94	98.00	179.45	6.81	0.00	60.93	102.69	79.54	0.00
ENSMUSG00000007207	Stx1a	174.75	51.59	196.00	189.14	131.97	386.20	135.68	221.11	356.62	317.58	206.21	166.20	210.98	255.79	219.81	240.35	320.68	141.55	331.20	146.32	151.21	176.86	60.05	234.84	198.01
ENSMUSG00000007279	Scube2	57.94	0.00	0.00	33.76	0.00	0.00	0.00	0.00	0.00	0.00	68.74	170.07	155.33	62.64	222.68	206.42	215.86	166.59	180.66	56.15	112.26	0.00	0.00	0.00	0.00
ENSMUSG00000007379	Dennd2c	885.90	563.14	489.63	617.82	483.08	577.33	490.17	813.58	455.69	687.31	437.62	363.33	468.32	164.43	186.76	630.57	553.14	471.47	426.35	659.29	783.56	832.70	1133.90	753.77	661.14
ENSMUSG00000007440	Pcdha11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.55	0.00	37.02	0.00	0.00	55.75	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000007480	Mc5r	0.00	0.00	0.00	8.97	0.00	0.00	0.00	0.00	0.00	76.37	0.00	0.00	0.00	0.00	45.24	43.59	28.31	49.38	57.00	0.00	0.00	0.00	75.76	0.00	0.00
ENSMUSG00000007591	Tsk4	66.35	0.00	61.86	0.00	31.92	19.70	0.00	39.36	0.00	31.28	32.08	22.42	44.05	13.05	165.21	0.00	112.08	84.93	0.00	21.27	106.15	169.25	0.00	113.63	0.00
ENSMUSG00000007617	Homer1	224.28	399.79	280.22	616.44	554.90	407.21	244.37	397.85	365.95	394.37	443.73	279.07	331.53	464.59	354.85	357.23	560.41	382.18	363.72	304.55	535.35	115.93	337.65	705.79	304.28
ENSMUSG00000007908	Hmgcll1	0.00	94.57	38.75	0.69	0.00	57.14	0.00	27.91	106.05	0.00	0.00	85.03	37.09	15.66	0.00	38.64	8.30	32.67	150.55	131.86	162.67	20.31	0.00	23.99	51.46
ENSMUSG00000007946	Phox2a	0.00	0.00	0.00	56.60	56.47	36.12	8.52	10.73	0.00	0.00	82.72	41.73	75.69	0.00	0.00	0.00	0.00	43.55	39.74	86.77	70.26	31.31	48.73	30.30	21.25
ENSMUSG00000007989	Fzd3	584.06	896.30	332.38	307.18	338.83	186.53	409.89	493.02	2010.38	1298.77	77.14	35.56	224.89	143.55	328.99	339.32	216.90	580.35	342.04	344.53	0.76	95.62	56.56	888.87	512.35
ENSMUSG00000008028	1700008O03	69.15	119.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.69	7.83	452.55	47.13	93.40	63.15	0.00	47.64	0.00	77.85	65.27	0.00	0.00
ENSMUSG00000008129	4930432K21	0.00	0.00	12.67	13.81	41.74	35.47	0.00	47.94	78.08	0.00	2.29	133.74	2.32	44.37	314.63	241.29	24.91	88.20	9.64	45.94	47.35	106.63	20.02	152.77	36.92
ENSMUSG00000008193	Spib	12616.65	12579.41	16650.54	16135.06	14941.83	12154.05	11766.13	12766.16	7047.39	10478.35	17734.55	24282.73	19581.28	20063.55	14761.60	13692.47	11305.73	14557.76	14672.92	12733.25	14465.25	12555.61	13986.21	11280.01	11779.66
ENSMUSG00000008307	1700109H08I	142.04	229.99	39.50	102.85	189.06	145.81	0.00	116.63	73.42	65.41	197.81	15.46	6.96	65.25	0.00	118.76	110.01	129.57	157.77	49.34	64.15	150.63	100.95	78.28	25.73
ENSMUSG00000008318	Relt	4243.55	4927.52	3074.93	3328.62	2568.26	2483.35	2134.00	1912.67	2328.54	1515.87	4460.94	4295.78	4808.38	4933.02	6641.64	4693.91	3727.76	4702.69	5342.62	3714.15	2615.67	2184.14	2458.38	2733.52	2644.55
ENSMUSG00000008438	Adam21	0.00	0.00	0.75	0.00	14.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.32
ENSMUSG00000008482	Rnf151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000008489	Elavl2	137.37	0.00	0.00	0.00	0.00	11.82	88.09	0.00	0.00	0.00	183.29	115.96	157.65	135.72	590.46	116.88	65.38	26.13	62.63	80.32	66.44	38.93	0.00	32.83	59.29
ENSMUSG00000008658	Rbfox1	427.07	533.05	610.37	1183.86	1407.51	1027.23	713.94	1127.71	592.04	560.27	1228.08	838.75	646.84	756.92	538.74	474.10	793.91	495.42	486.57	613.35	651.44	847.08	1240.07	462.11	818.87
ENSMUSG00000008843	Cldn13	622.38	289.10	99.86	113.90	60.77	239.73	172.62	33.63	115.38	97.64	2392.76	2274.28	2469.11	2409.09	2913.53	3427.12	2100.50	1907.64	2473.79	2502.75	1677.09	1932.80	1811.80	965.88	1081.76
ENSMUSG00000008932	Slc1a7	0.00	0.00	0.00	3.45	0.00	0.00	0.00	0.00	0.00	0.00	43.53	10.82	6.96	0.00	0.00	69.75	5.19	0.00	25.29	57.00	37.42	140.48	0.00	41.67	0.00
ENSMUSG00000008999	Bmp7	2436.23	2925.34	4997.69	4851.42	4293.74	4524.03	4601.17	5205.64	4549.86	4097.30	1120.39	1396.11	1374.82	1508.62	1206.79	1312.98	2062.10	2289.83	2225.69	1749.89	2775.29	2384.69	2122.47	2448.17	3375.05
ENSMUSG00000009070	Rsph14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.35	0.00	8.50	0.00	0.00	0.00	0.00	0.00	54.44	0.00	70.61	0.00	0.00	0.00	108.58	0.00
ENSMUSG00000009075	Cabp7	5.61	0.00	0.00	16.57	6.14	0.00	0.00	0.00	0.00	0.00	258.14	47.16	139.10	10.44	0.00	70.69	0.00	13.07	61.42	57.85	157.32	55.85	0.00	42.93	165.56
ENSMUSG00000009092	Defi3	265.40	0.00	98.37	0.00	85.94	40.06	45.46	38.64	0.00	0.00	439.14	333.18	268.94	490.69	331.87	199.82	244.92	140.46	626.28	134.41	19.09	165.02	298.49	169.19	112.99
ENSMUSG00000009097	Tbx1	162.60	123.59	32.05	34.51	36.22	11.82	0.00	27.91	189.97	241.74	387.97	282.93	285.16	281.89	415.19	193.22	180.58	282.01	222.81	334.32	192.45	18.62	261.94	140.15	43.63
ENSMUSG00000009115	Spatc1l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.17	42.46	131.28	37.43	0.00	0.00	0.00	0.00
ENSMUSG00000009145	Dqx1	256.05	203.12	223.58	0.00	26.39	72.90	33.39	35.06	0.00	253.12	124.49	183.98	315.30	62.64	0.00	246.95	241.81	193.81	157.77	159.93	204.67	169.25	82.67	191.91	571.64
ENSMUSG00000009210	Prr29	79.43	0.00	63.35	60.75	110.49	209.52	122.90	169.59	0.00	0.00	236.76	170.84	71.87	302.77	0.00	390.22	464.93	327.74	112.01	426.20	343.67	123.55	336.78	181.81	118.58
ENSMUSG00000009216	Fam163b	57.00	1.07	0.00	16.57	16.57	45.98	0.00	39.36	0.00	134.62	60.33	376.47	472.96	302.77	0.00	141.38	105.86	95.82	46.97	178.65	25.97	70.24	40.90	32.83	0.00
ENSMUSG00000009292	Trpm2	3287.56	4504.08	2641.19	2759.82	3340.46	2389.43	2475.70	4241.08	1756.31	3384.39	1317.43	1619.52	1643.75	944.84	895.03	2134.88	3156.97	1423.11	1569.30	1097.40	1455.61	1306.59	870.22	2742.35	2569.60
ENSMUSG00000009356	Lpo	7605.87	5830.27	7689.56	7699.60	5614.08	7124.29	6350.86	5277.20	6155.83	6147.84	8724.84	10902.18	9160.03	10020.03	12389.68	7813.76	7541.65	9018.84	9642.24	9752.41	7808.84	8679.00	10370.43	6709.42	9081.41
ENSMUSG00000009394	Syn2	580.32	681.36	204.20	123.56	260.88	105.09	265.68	154.56	305.34	423.76	1677.91	2303.66	2170.03	1456.41	1736.91	2203.69	1099.02	1737.78	1494.63	1782.21	1528.93	1371.75	807.57	652.76	621.98
ENSMUSG00000009566	Fpgs	365.39	348.20	387.53	407.28	596.64	685.70	397.11	769.22	571.06	528.04	459.76	411.26	584.24	485.47	725.51	422.26	360.11	489.98	258.94	379.41	290.21	280.95	698.79	470.95	124.17
ENSMUSG00000009588	St6galnac1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.47	0.00	0.00	0.00	40.20	64.92	133.11	0.00	93.31	23.87	131.75	25.29	43.39	98.52	0.00	0.00	42.93	158.85
ENSMUSG00000009614	Sardh	97.19	138.64	125.20	74.55	105.58	173.39	27.71	108.76	547.75	173.49	579.67	1011.91	769.71	639.47	840.44	1056.60	618.53	480.18	982.77	486.60	545.28	245.41	467.31	291.66	107.39
ENSMUSG00000009628	Tex15	59.81	66.63	0.00	202.95	61.38	258.12	11.37	83.72	447.53	29.39	120.67	120.59	11.59	18.27	0.00	36.76	173.31	20.69	124.05	69.76	69.50	371.50	95.72	50.50	0.00
ENSMUSG00000009670	Tex11	0.00	222.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	365.83	217.22	292.12

ENSMUSG00000015093	Clic3	191.57	256.85	28.32	0.00	81.03	102.46	0.00	40.79	81.58	57.83	274.18	256.65	268.94	112.23	186.76	272.40	612.30	329.92	437.19	873.67	1224.98	895.32	478.62	731.04	1176.85
ENSMUSG00000015095	Fbxw5	2462.40	2511.58	2281.98	1896.25	2341.76	2246.91	2522.58	2467.94	2373.99	2258.16	1579.39	2152.14	1833.86	1584.31	1576.01	1651.35	2355.79	2307.25	1966.75	1940.44	2313.25	1763.56	1962.35	1804.25	2473.39
ENSMUSG00000015112	Slc25a13	1978.33	1674.39	1767.00	1444.11	1304.39	1509.98	2016.08	1479.05	773.85	1042.81	1866.55	2788.36	2633.71	2257.70	1495.55	2901.18	2732.51	2753.67	3189.19	3411.30	2724.88	1881.18	3016.19	3455.72	2151.21
ENSMUSG00000015134	Aldh1a3	1116.72	1622.80	1344.44	845.62	790.61	369.78	381.48	836.48	180.64	307.16	2437.82	2621.38	2619.80	2435.19	2652.06	1846.46	1880.48	2668.74	2035.40	1915.77	1945.91	1734.78	1340.14	863.61	1465.47
ENSMUSG00000015224	Cyp2j9	251.38	1068.26	230.28	209.16	191.51	400.65	203.88	278.35	489.48	470.21	100.05	127.55	0.00	161.82	0.00	120.65	163.97	131.75	30.11	131.01	24.44	123.55	0.00	297.97	255.06
ENSMUSG00000015314	Slamf6	602.75	0.00	0.00	163.60	74.27	210.83	117.21	78.71	0.00	62.57	678.95	605.29	370.95	401.95	392.21	822.85	387.10	302.70	226.42	239.05	647.62	462.89	386.38	334.59	196.89
ENSMUSG00000015316	Slamf1	104.66	48.36	0.00	0.00	0.00	61.08	67.49	0.00	0.00	10.43	334.51	408.94	127.51	368.02	522.94	538.20	280.20	193.81	74.67	362.40	209.25	115.09	160.99	103.53	62.65
ENSMUSG00000015335	Zdhhc12	289.69	226.76	432.25	352.74	372.59	170.77	329.62	393.55	164.33	264.49	305.49	431.36	329.21	662.96	943.88	361.94	367.38	487.80	232.44	648.23	397.89	632.98	633.52	260.09	269.60
ENSMUSG00000015340	Cybb	550.42	0.00	0.00	0.00	0.00	62.40	60.38	25.76	0.00	54.98	930.99	1662.81	1479.15	1067.52	1363.38	1718.27	1352.25	1466.66	1388.65	1657.16	2259.03	1161.04	1483.73	1487.34	1506.86
ENSMUSG00000015342	Xk	297.17	450.30	160.23	323.75	17.19	212.15	199.62	64.40	0.00	145.05	158.86	215.68	299.07	631.64	340.49	291.25	236.62	200.35	397.44	362.40	137.47	538.21	195.80	247.47	240.52
ENSMUSG00000015354	Pcolce2	280.35	1218.71	284.69	308.56	363.39	310.01	33.39	120.93	78.08	0.00	213.84	141.47	120.56	36.54	87.64	249.78	91.33	665.28	256.53	427.90	111.50	32.16	321.11	145.20	366.93
ENSMUSG00000015377	Dennd6b	1049.44	412.69	640.18	1016.81	1963.03	993.06	1024.38	1226.46	1378.71	1317.73	1081.44	433.68	881.00	704.72	165.21	850.18	1290.72	1167.23	1204.38	1043.81	886.66	1188.12	878.05	885.08	602.97
ENSMUSG00000015452	Ager	520.51	591.09	156.50	122.87	285.43	223.97	103.01	251.87	235.42	52.14	226.06	235.78	67.23	86.13	22.99	465.62	281.24	475.82	136.09	205.02	102.34	116.78	225.39	213.38	427.33
ENSMUSG00000015467	Egfl8	54.20	0.00	0.00	0.00	27.01	34.15	0.00	0.00	0.00	99.54	63.39	44.84	74.19	49.59	0.00	181.91	52.93	189.46	25.29	70.61	0.00	0.00	134.01	71.97	59.29
ENSMUSG00000015468	Notch4	174.75	85.98	0.00	0.00	0.00	41.38	0.00	21.47	0.00	94.80	520.10	489.33	697.84	302.77	0.00	506.15	218.97	381.09	473.32	413.44	379.56	232.71	53.95	411.61	107.39
ENSMUSG00000015476	Prrt1	585.93	117.14	0.00	31.75	58.93	369.12	329.62	150.27	72.26	136.51	61.10	154.61	30.14	127.89	249.98	159.29	211.71	120.86	45.77	76.56	274.93	159.94	220.17	243.68	0.00
ENSMUSG00000015484	Fam163a	284.09	0.00	292.89	296.14	359.70	189.81	459.62	203.22	343.80	419.97	286.40	319.27	428.91	415.00	1259.94	781.38	406.82	300.52	634.71	482.35	510.15	216.64	338.52	602.26	476.56
ENSMUSG00000015519	2310057J18F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.77	90.45	62.60	0.00	0.00	86.71	68.49	39.20	0.00	4.25	0.00	38.93	123.57	0.00	85.02
ENSMUSG00000015542	Nat9	535.47	712.53	251.90	472.86	346.20	401.96	681.97	533.09	589.71	456.94	497.19	494.75	811.44	568.99	468.35	737.08	670.42	1181.39	859.93	992.77	720.17	893.63	1062.54	746.19	465.37
ENSMUSG00000015597	Zfp318	3171.68	1648.60	2627.78	2701.83	2781.26	2047.90	2401.82	2621.07	2235.31	2401.31	5198.70	4456.58	3461.38	4243.96	3966.60	5886.24	6170.72	5234.04	5202.91	5140.77	5541.41	4394.50	3285.96	4954.42	4391.92
ENSMUSG00000015619	Gata3	361.65	109.62	108.81	142.89	41.74	271.91	192.51	264.75	376.44	725.23	370.41	448.36	201.70	182.70	752.81	488.24	481.54	463.84	647.95	489.15	485.71	371.50	321.98	588.37	575.00
ENSMUSG00000015702	Anxa9	230.82	1.07	134.89	95.26	122.15	0.00	332.46	121.64	194.63	182.97	98.52	136.83	259.66	224.47	0.00	352.51	294.73	212.32	199.93	421.95	156.56	195.48	176.66	550.49	279.67
ENSMUSG00000015709	Amt2	1631.63	1001.62	2244.71	1266.78	1580.00	1546.76	2389.74	2265.44	1736.50	1670.39	3665.90	3397.51	3252.73	2938.93	3633.29	3310.25	2979.51	4205.09	3226.53	4778.37	2836.38	3442.49	1809.19	2743.62	4487.01
ENSMUSG00000015843	Rxrg	174.75	0.00	0.00	35.90	0.00	0.00	46.89	0.00	0.00	0.00	274.18	118.28	122.88	341.92	948.19	201.71	145.29	83.84	152.96	359.85	145.10	46.54	209.72	41.67	50.34
ENSMUSG00000015852	Fcrls	94.38	0.00	0.00	0.69	35.60	44.66	0.00	0.00	0.00	0.00	75.61	131.42	122.88	18.27	0.00	164.95	34.25	135.02	69.85	86.77	53.46	114.24	74.84	0.00	54.82
ENSMUSG00000015879	Fam184b	88.78	168.73	0.00	64.20	0.00	0.00	0.00	25.76	0.00	206.67	0.00	0.00	32.46	2.61	0.00	28.28	35.29	0.00	112.01	16.16	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000015890	Amdhd1	133.63	0.00	50.68	0.00	82.87	0.00	0.00	62.25	0.00	0.00	845.45	698.83	459.05	882.20	2759.81	383.62	357.00	486.71	481.75	562.31	620.89	314.80	248.01	390.14	269.60
ENSMUSG00000015947	Fcgr1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.42	0.00	0.00	28.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94.78	9.57	0.00	0.00
ENSMUSG00000015966	Il17rb	358.85	0.00	194.51	271.98	260.88	43.35	169.07	70.84	0.00	68.26	684.30	305.35	199.38	276.67	354.85	619.26	1309.70	1076.86	322.77	939.17	578.12	211.56	651.80	743.67	464.25
ENSMUSG00000015968	Cacna1d	747.60	325.64	91.67	59.37	118.47	59.11	31.26	60.11	0.00	151.68	775.95	800.87	932.00	605.53	270.09	1102.79	1210.07	1230.39	1466.93	941.72	758.35	607.60	194.06	321.96	174.51
ENSMUSG00000016150	Tenm1	191.57	113.92	15.65	0.00	0.00	0.00	51.86	0.00	0.00	0.00	657.57	493.97	836.95	856.10	123.55	590.04	505.41	561.84	462.48	350.49	313.88	495.89	114.00	218.43	357.98
ENSMUSG00000016206	H2-M3	1687.70	1998.95	1588.14	1417.18	1369.45	1965.80	1770.28	1565.63	1474.28	2707.51	1529.75	1543.76	1421.18	1934.06	1593.25	1822.90	1045.06	1817.27	1710.22	1366.22	1133.33	1180.50	1589.03	1541.63	2266.44
ENSMUSG00000016239	Lonrf3	0.00	0.00	43.97	36.59	51.56	85.38	0.00	14.31	0.00	0.00	287.93	186.30	190.11	441.10	192.51	356.28	183.69	335.36	233.65	125.90	26.73	73.62	395.08	77.02	0.00
ENSMUSG00000016493	Cd46	140.17	1.07	152.78	17.95	267.63	204.26	24.15	104.47	93.23	81.53	289.45	201.76	363.99	73.08	133.61	49.96	51.89	90.37	192.70	211.82	138.23	205.64	33.07	25.25	0.00
ENSMUSG00000016498	Pdcd1lg2	555.09	1245.58	892.82	277.50	702.83	759.26	682.68	719.85	832.12	445.56	766.02	1465.68	1098.93	1028.36	2509.83	1353.51	623.71	1093.19	1627.11	1032.75	850.00	731.15	972.91	627.51	849.07
ENSMUSG00000016526	Dpp3	272.87	284.80	106.57	149.79	54.02	244.99	77.43	169.59	150.34	97.64	75.61	178.57	74.19	174.87	491.33	122.53	261.52	366.94	197.52	187.15	292.50	146.40	238.44	188.13	212.55
ENSMUSG00000016529	Il10	99.06	423.43	81.23	61.44	116.63	0.00	117.21	37.92	0.00	0.00	0.00	31.69	9.27	0.00	189.64	65.04	256.34	222.12	169.82	369.20	99.28	0.00	71.36	74.49	0.00
ENSMUSG00000016552	Foxred2	0.00	223.54	15.65	55.91	38.67	17.08	56.12	0.72	0.00	110.92	161.15	210.27	264.30	401.95	0.00	118.76	297.85	202.52	473.32	179.50	290.21	142.17	224.52	103.53	0.00
ENSMUSG00000016624	Phf21b	379.41	383.67	95.39	202.95	225.89	109.69	56.83	114.49	136.36	48.35	336.04	308.44	461.36	495.91	83.33	593.81	374.64	647.86	673.25	462.78	321.52	170.09	308.93	277.77	192.41
ENSMUSG00000016756	Cmah	539.20	165.50	0.75	64.20	69.98	145.15	179.02	43.65	217.94	144.10	637.71	945.43	992.28	806.51	1633.47	1011.36	1123.93	988.66	785.25	873.67	633.87	858.93	702.27	540.39	531.37
ENSMUSG00000016918	Sulf1	6713.43	12184.99	10192.88	12825.76	11192.56	8453.00	9004.15	10880.68	12121.70	10062.17	2085.74	1741.66	1367.86	1500.79	933.82	2758.85	2637.04	1518.93	2214.85	1616.33	3280.86	2959.29	2332.19	5565.51	5123.54
ENSMUSG00000016982	Pom121l2	42.99	0.00	0.00	0.00	20.87	49.26	31.26	0.00	76.92	0.00	0.00	33.24	0.00	0.00	0.00	62.21	0.00	0.00	0.00	0.00	0.85	0.00	27.93	0.00	0.00
ENSMUSG00000017007	Rbpjl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.05	54.81	0.00	72.58	21.79	25.04	0.00	0.00	0.00	73.62	0.00	0.00	0.00
ENSMUSG00000017195	Zpbp2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.99	0.00	0.00	0.00	0.00	0.00	75.32	0.00	11.36	0.00
ENSMUSG00000017412	Cacnb4	16.82	131.11	0.00	0.00	12.28	0.00	46.18	0.00	0.00	0.00	77.90	96.63	99.69	28.71	320.37	32.05	0.00	105.62	40.95	35.73	18.33	116.78	0.00	157.82	91.73
ENSMUSG00000017417	Plxdc1	311.19	1.07	49.19	89.05	30.08	144.50	94.48	202.50	0.00	276.82	23.68	235.78	408.04	49.59	0.00	234.70	93.40	222.12	0.00	303.70	424.62	301.26	257.59	167.92	317.70
ENSMUSG00000017450	Pipox	94.38	0.00	45.46	0.00	0.00	19.05	0.00	0.00	19.32	0.00	64.92	100.50	39.41	237.52	206.88	298.79	226.48	203.32	182.52	59.24	180.14	136.36	154.38	188.13	212.55
ENSMUSG00000017491	Rarb	0.00	0.00	92.41	66.27	88.39	163.54	267.11	118.78	166.66	0.00	109.98	54.89	2.32	70.47	0.00	53.73	108.97	0.00	107.19	79.97	103.86	82.08	228.87	132.57	109.63
ENSMUSG00000017499	Cdc6	580.32	322.41	815.31	361.03	552.45	539.89	676.29	509.47	227.26	462.63	92.41	256.65	343.12	438.49	735.57	167.77	296.81	504.13	14.45	152.28	405.52	230.18	694.44	204.54	171.16
ENSMUSG00000017550	Atad5	917.68	467.50	570.12	704.11	1107.96	482.75	895.80	923.78	912.54	767.89	862.25	694.19	899.54	806.51	1453.89	751.21	366.34	793.76	378.17	478.09	646.09	588.13	577.83	376.25	853.55
ENSMUSG00000017639	Rab11fip4	6689.13	3091.92	5362.87	5295.98	4504.28	5011.37	5342.11	4641.07	2865.81	2701.83	7515.85	7496.94	7472.23	8370.47	3799.94	7398.10	6975.01	6695.26	5522.07	5666.50	5335.98	4199.02	5631.21	5975.86	3928.79
ENSMUSG00000017652	Cd40	5378.97	4779.21	2698.58	2819.87	2242.32	2201.59	2499.14	2252.56	2207.34	2375.71	8391.09	8195.77	8508.56	8096.41	14842.05	8974.99	7479.38	6547.18	8324.65	6444.89	4392.81	4033.16	4733.14	4064.29	3698.34
ENSMUSG00000017667	Zfp334	271.94	507.26	332.38	190.52	842.79	304.10	450.39	442.21	644.49	562.17	134.42	68.80	275.89	83.52	0.00	91.43	0.00	176.39	116.82	68.91	116.85	186.17	388.99	244.94	317.70
ENSMUSG00000017679	Ttpal	1487.72	1086.53	1432.38	1076.18	1449.86	1689.94	1074.10	1400.34	1039.57	1097.79	1567.94	1866.89	1759.67	1599.97	1377.75	1586.32	1853.50	1618.01	921.35	1377.28	1325.02	1492.76	1433.26	2256.26	1312.21
ENSMUSG00000017688	Hnf4g	236.43	314.89	128.93	0.00	0.00	123.48	0.00	45.08	114.21	0.00	472.75	490.88	308.35	391.51	321.81	619.26	335.21	470.38	537.15	568.27	474.26	396.04	190.58	199.49	366.93
ENSMUSG00000017692	Rhbdl3	3081.04	4692.16	3959.55	4461.40	4830.84	5948.62	5373.36	5089.01	6394.75	5600.84	1789.42	1919.46	2221.04	1673.05	2343.18	2346.96	3034.51	2342.09	2141.38	2257.75	2627.89	2620.79	2719.44	3492.33	3090.90
ENSMUSG00000017697	Ada	573.78	142.94	308.54	283.71	373.21	256.15	203.17	357.78	301.85	330.86	408.59	398.89	85.78	428.05	291.64	954.81	798.06	701.21	510.66	547.00	461.28	269.95	289.78	398.98	472.08
ENSMUSG00000017718	Afmid	277.55	75.23	321.21	356.88	398.99	41.38	199.62	161.00	202.77	298.62	114.56	124.46	217.93	44.37	0.00	114.05	173.31	132.84	142.12	186.30	310.06	124.40	0.00	90.91	117.46
ENSMUSG00000017720	Tnfrsf13c	0.00	0.00	0.00	0.00	0.00	45.32	0.00	0.00	0.00	0.00	0.00	22.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.46	0.00	0.00	0.00	22.73	44.75
ENSMUSG00000017734	Dbndd2	31.77	136.49	36.52	16.57	69.98	46.63	0.00	47.94	0.00	80.58	97.76	60.30	16.23	28.71	0.00	55.61	97.55	21.78	0.00	82.52	101.57	235.25	22.63	195.70	14.54
ENSMUSG00000017737	Mmp9	6723.71	10426.78	12271.40	13381.45	11049.54	11232.57	11045.09	11538.28	10717.35	8510.28	2615.01	3233.63	2411.15	1821.82	3001.17	3051.04	3696.62	3294.82	3556.52	3433.42	5418.45	4964.87	4861.93	5536.47	5318.18
ENSMUSG00000017740	Slc12a5	442.95	1151.01	370.39	443.17	444.41	267.32	257.87	250.44	59.44	372.57	880.58	730.52	702.48	717.77	376.40	508.98	901.84	713.19	759.96	678.86	346.72	350.34	824.97	303.02	52.58
ENSMUSG00000017767	Spata25	223.34	114.99	128.93	29.68	25.78	85.38	242.95	101.61	0.00	0.00	130.60	0.00	25.50	0.00	0.00	166.83	196.14	152.44	0.00	136.96	195.51	104.09	57.43	270.20	71.60
ENSMUSG00000017832	Hspb9	85.97	0.00	0.00	0.00	0.00	34.15	0.00	0.00	0.00	221.83	26.73	0.00	60.28	28.71	0.00	82.00	34.25	0.00	0.00	35.73	0.00	0.00	114.00	0.00	42.51
ENSMUSG00000017861	Mybl2	1053.18	1212.27	1091.80	659.93	916.45	591.12	928.48	716.27	590.88	109.97	484.20	1137.91	876.36	676.01	501.39	568.36	387.10	470.38	307.12	360.70	371.16	325.80	1076.46	462.11	296.45
ENSMUSG00000017897	Eya2	4316.44	5647.57	5965.04	6725.59	5378.37	7285.86	7425.67	6337.64	8038.01	7929.15	2733.39	4179.83	3709.45	3612.33	2912.09	2916.26	3558.60	4160.45	4759.70	4271.36	4096.49	3957.85	4259.74	5523.85	5630.30
ENSMUSG00000017943	Gdap1l1	443.89	385.82	89.43	50.39	137.50	47.29	122.90	0.00	92.07	54.98	887.45	1137.14	591.19	441.10	1297.30	1073.57	875.90	469.29	1012.88	920.46	402.47	500.97	428.15	590.89	397.13
ENSMUSG00000018168	Ikzf3	443.89	91.35	73.78	127.02	122.15	232.51	172.62	147.40	196.96	227.52	181.77	204.08	115.92	172.26	620.63	499.55	416.16	280.92	1.20	328.37	1445.69	869.93	493.42	1127.50	532.49
ENSMUSG00000018238	Gdf9	16.82	0.00	0.00	1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.55	23.18	18.27	0.00	0.00	95.48	21.78	0.00	77.41	0.00	0.00	0.00	12.63	0.00
ENSMUSG00000018259	Prl8a2	59.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.08	65.71	48.69	36.54	0.00	0.00	18.68	0.00	0.00	17.86	0.00	0.00	108.78	0.00	0.00
ENSMUSG00000018334	Ksr1	5091.14	4784.58	5085.63	4229.46	4271.01	3720.76	2705.15	4039.29	3069.76	2889.53	7443.30	6278.63	6071.91	6514.71	4959.32	5677.00	6459.23	5558.51	6351.98	6886.40	3939.17	4523.13	4023.04	3645.11	2946.95
ENSMUSG00000018341	Il1zb2	214.00	0.00	13.41	0.00	49.11	41.38	0.00	0.00	65.26	0.00	392.56	307.67	215.61	689.06	601.96	491.07	224.16	280.92	443.21	360.70	421.56	520.44	432.50	443.17	298.69
ENSMUSG00000018381	Abi3	65.41	0.00	0.00	16.57	0.00	29.56	0.00	60.11	38.46	0.00	54.22	51.79	25.50	83.52	0.00	138.56	0.00	0.00	0.00	111.44	102.34	41.47	0.00	23.99	25.73
ENSMUSG00000018387	Shroom1	227.08	121.44	71.54	97.33	295.87	168.80	361.59	115.92	66.43	125.14	61.10	218.00	236.48	75.69	359.16	263.91	254.26	410.49	89.12	215.23	226.82	67.70	349.83	85.86	125.29
ENSMUSG00000018500	Adora2b	24.30	122.52	91.67	109.07	59.54	0.00	0.00	30.77	0.00	56.88	19.86	22.42	11.59	7.83	0.00	0.00	101.70	60.97	0.00	98.68	161.90	189.56	53.08	160.35	238.28
ENSMUSG00000018509	Cenpv	89.71	95.65	26.83	73.17	39.90	0.00	93.77	47.94	212.11	79.63	109.98	70.35	88.10	109.62	472.66	361.00	81.99	192.72	179.45	12.76	78.66	298.72	118.35	69.44	6.71
ENSMUSG00000018543	1700001P01I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.25	23.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000018554	Ybx2	377.54	231.06	253.39	356.19	486.77	259.44	212.41	362.78	142.18	546.05	152.75	177.03	81.14	91.35	0.00	83.89	169.16	121.95	155.36	169.29	278.75	112.55	44.38	161.61	144.31
ENSMUSG00000018566	Slc2a4	1103.64	1139.19	1044.85	1584.24	1831.67	2369.73	1232.52	1351.68	1589.65	2336.84	334.51	199.44	187.79	214.03	429.56	662.61	515.78	663.10	715.40	717.14	1006.56	556.82	1023.38	1066.89	1671.30
ENSMUSG00000018581	Dnah11	87.84	218.16	155.01	33.13	121.54	226.60	39.07	187.47	525.61	402.90	74.85	295.30	143.74	114.84	0.00	235.64	475.31	71.86	33.72	332.62	726.28	200.56	206.24	172.98	219.26
ENSMUSG00000018589	Gka2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.01	0.00	80.91	0.00	74.46	0.00	0.00	0.00	28.07	0.00	0.00	0.00	20.20	0.00
ENSMUSG00000018599	Mef2	436.41	451.38	302.57	178.79	292.18	282.42	442.57	141.68	360.12	345.08	486.50	219.54	178.52	428.05	494.21	429.80	87.17	337.54	155.36	450.02	90.12	352.88	99.21	488.62	323.30
ENSMUSG00000018604	Tbx3	390.62	147.23	0.00	0.00	54.63	0.00	0.00	24.33	68.76	0.00	1637.43	1992.90	2190.90	1597.36	1080.36	2131.11	1168.56	1092.10	1004.45	1048.91	592.63	798.85	572.61	498.72	396.01
ENSMUSG00000018648	Dusp14	394.36	321.34	197.49	178.10	152.84	240.39	393.55	552.41	227.26	820.98	536.14	416.67	412.68	331.48	725.51	869.98	642.39	630.44	746.71	740.11	868.33	811.54	861.52	587.11	515.71
ENSMUSG00000018727	Cpsf4l	131.76	0.00	47.70	26.92	48.49	107.06	95.90	87.30	0.00	0.00	58.04	56.43	111.28	242.74	389.33	51.84	88.21	64.24	120.44	93.58	58.80	170.09	201.89	0.00	0.00
ENSMUSG00000018740	Slc25a35	610.23	399.79	277.24	254.72	287.27	220.03	316.12	287.65	445.20	255.96	660.63	1106.99	1217.16	926.57	1140.70	882.23	1086.57	1035.48	1562.08	1327.94	1642.72	1265.12	906.77	729.78	974.37
ENSMUSG00000018776	Slc35g3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.76	0.00	0.00	0.00	0.00	0.00	6.81	17.57	0.00	34.81	0.00	0.00
ENSMUSG00000018809	Smyd4	175.69	354.65	209.42	191.90	238.17	384.23	110.11	187.47	289.03	158.32	242.87	119.05	85.78	153.99	649.37	163.06	291.62	156.79	207.15	239.90	273.40	106.63	232.35	273.98	148.78
ENSMUSG00000018822	Sfrp5	728.91	121.44	121.48	599.18	234.48	509.68	276.34	238.28	102.56	178.23	827.88	1324.22	1057.19	762.14	1446.71	905.79	467.01	617.37	301.09	746.06	134.41	957.94	476.88	266.41	470.96
ENSMUSG00000018861	Fdxr	802.73	590.01	318.97	434.89	425.38	392.77	554.81	514.48	41.96	807.70	914.95	1155.69	985.32	1338.96	2121.93	1115.98	1624.15	1374.11	1210.40	1930.23

ENSMUSG00000020212	Mdm1	624.24	286.95	723.64	661.31	470.19	408.53	739.51	553.12	202.79	694.89	753.80	846.48	809.12	879.59	481.28	949.15	1310.73	1050.73	930.98	1054.87	594.16	489.97	501.25	699.48	319.94
ENSMUSG00000020213	Glipr1l1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.31	29.78	0.00	0.00	0.00	0.00
ENSMUSG00000020214	Glipr1l2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000020218	Wif1	20.56	0.00	0.00	19.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.51	0.00	60.03	0.00	65.04	71.61	0.00	60.22	34.03	0.00	82.93	67.88	31.56	43.63
ENSMUSG00000020226	Slc5a4b	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125.25	0.00	11.59	20.88	0.00	68.81	33.21	2.18	0.00	34.03	116.85	0.00	0.00	0.00	0.00
ENSMUSG00000020256	Aldh1l2	209.33	0.00	132.66	166.36	184.15	216.09	490.17	225.40	85.08	182.02	190.17	182.44	143.74	302.77	0.00	162.12	51.89	130.66	191.50	98.68	71.79	146.40	65.27	190.65	334.48
ENSMUSG00000020258	Glyctk	0.93	1.07	74.53	45.56	49.72	0.00	126.45	97.32	0.00	115.66	108.45	54.11	92.74	36.54	0.00	114.05	0.00	14.15	87.92	190.56	46.59	104.93	41.77	131.31	154.38
ENSMUSG00000020262	Adarb1	463.51	284.80	149.80	146.34	47.26	164.20	44.04	206.79	0.00	101.44	794.28	712.74	1017.78	926.57	647.93	1067.91	651.73	643.50	803.32	905.14	571.25	373.19	354.18	497.46	100.68
ENSMUSG00000020268	Lym7	114.94	0.00	0.00	28.99	55.24	51.23	0.00	0.00	53.61	36.02	109.21	0.77	106.65	20.88	60.34	39.59	46.70	170.95	204.74	22.12	110.74	0.00	0.00	10.10	54.82
ENSMUSG00000020275	Rel	1253.16	887.71	988.21	577.09	823.15	657.46	770.06	659.02	1217.88	927.15	4126.43	2159.87	3354.74	3124.24	2356.11	2582.59	3131.03	2812.47	2377.44	2928.95	3219.00	2619.95	2316.53	2107.27	1653.40
ENSMUSG00000020286	1700093K21i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.66	0.00	0.00	7.83	0.00	65.04	29.06	0.00	79.49	31.48	0.00	0.00	46.12	80.81	0.00
ENSMUSG00000020292	Nsg2	736.38	112.84	182.59	31.06	115.40	649.18	516.45	155.99	537.27	119.45	1776.43	1693.73	2010.06	1652.17	3565.77	1812.53	1122.89	1425.23	1771.64	1760.10	1018.78	699.84	1280.97	993.66	526.90
ENSMUSG00000020299	4930524B15i	20.56	0.00	0.00	0.00	0.00	0.00	58.96	0.00	0.00	0.00	67.97	14.69	18.55	65.25	61.78	54.67	0.00	0.00	0.00	44.24	64.15	0.00	0.00	0.00	0.00
ENSMUSG00000020303	Stc2	521.45	125.74	152.78	275.43	343.74	140.55	61.80	201.79	223.76	61.62	784.35	855.76	864.77	850.88	1134.95	1052.83	818.82	842.76	686.49	1078.69	441.42	618.60	422.93	415.39	315.47
ENSMUSG00000020319	Wdpcp	324.27	706.08	328.66	339.63	306.30	326.43	423.39	122.36	567.57	243.64	391.03	351.73	264.30	133.11	464.04	379.85	386.06	454.05	204.74	568.27	495.64	21.16	219.30	335.85	750.63
ENSMUSG00000020331	Hcn2	143.91	0.00	32.05	69.72	56.47	68.96	40.49	32.20	0.00	70.15	175.66	151.52	78.83	287.11	181.02	329.89	220.01	190.55	171.02	214.38	187.11	231.02	14.79	15.15	50.34
ENSMUSG00000020332	Meikin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.96	0.00	0.00	0.00	58.12	5.44	125.26	0.00	47.35	0.00	0.00	0.00	0.00
ENSMUSG00000020335	Zfp354b	0.00	0.00	0.00	0.00	0.00	0.00	169.07	15.03	0.00	0.00	82.48	0.00	0.00	0.00	0.00	0.00	25.94	13.07	60.22	63.80	0.00	0.00	0.00	39.14	0.00
ENSMUSG00000020364	Zfp354a	31.77	0.00	0.00	0.00	19.03	59.77	59.67	42.93	0.00	0.00	35.13	23.19	78.83	0.00	0.00	21.68	12.45	14.15	0.00	0.00	88.59	0.00	47.86	29.04	38.03
ENSMUSG00000020377	Lto4s	118.68	0.00	32.79	17.26	84.71	29.56	0.00	8.59	0.00	6.64	74.85	27.83	23.18	203.58	0.00	43.36	431.72	225.39	240.88	328.37	62.62	141.32	41.77	104.80	39.15
ENSMUSG00000020381	Mmip	58.87	0.00	0.00	94.57	35.60	74.22	190.38	70.12	0.00	35.08	55.75	0.00	187.79	185.31	0.00	131.96	31.13	88.20	122.85	186.30	79.42	117.63	0.00	23.99	124.17
ENSMUSG00000020389	Cdk3	563.50	585.71	217.62	189.83	371.98	178.65	137.81	254.74	379.93	140.31	126.02	139.92	199.38	185.31	228.43	219.61	213.79	140.46	258.94	191.41	109.97	176.02	677.03	347.21	199.12
ENSMUSG00000020395	Itk	771.89	82.75	61.11	72.48	39.90	544.49	511.48	254.74	216.77	303.36	292.51	286.02	238.80	360.19	191.07	408.13	303.04	273.30	0.00	221.18	1006.56	505.20	243.66	453.27	52.58
ENSMUSG00000020399	Havcr2	77.56	0.00	0.00	10.35	14.73	0.00	0.00	0.00	0.00	0.00	161.91	7.73	71.87	65.25	0.00	105.57	0.00	69.69	50.58	74.01	63.39	85.47	67.88	0.00	39.15
ENSMUSG00000020401	Fam71b	0.00	0.00	0.00	0.00	0.00	0.00	8.59	0.00	0.00	0.00	61.86	45.61	419.63	13.05	0.00	33.93	34.25	176.39	0.00	125.90	168.01	0.00	180.14	41.67	0.00
ENSMUSG00000020411	Nipal4	372.86	0.00	0.00	0.00	0.00	192.44	15.63	66.55	103.72	96.70	273.41	371.83	199.38	135.72	206.88	311.99	357.00	244.99	243.28	660.14	317.70	315.65	120.09	549.23	380.35
ENSMUSG00000020431	Adcy1	511.17	211.72	74.53	217.44	144.25	169.45	0.00	60.82	10.49	61.62	1962.78	2350.81	2304.50	1816.60	1621.98	1825.72	1913.69	1656.12	1425.98	2171.83	1336.48	952.02	1018.16	520.19	901.65
ENSMUSG00000020461	Clhc1	0.00	0.00	0.00	37.97	0.00	0.00	0.00	0.00	0.00	0.00	10.69	0.00	55.64	0.00	0.00	53.73	0.00	0.00	0.00	51.89	30.55	158.25	0.00	0.00	0.00
ENSMUSG00000020474	Polm	904.59	1805.50	827.24	835.26	837.88	801.95	841.10	747.04	850.77	768.84	856.90	527.21	904.18	535.06	1927.99	564.59	493.99	608.66	1000.84	735.00	633.87	906.32	1077.33	483.57	626.46
ENSMUSG00000020481	Ankrd36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.48	0.00	9.27	7.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000020491	2810021J22F	264.46	329.93	242.21	265.07	286.04	208.21	130.00	206.79	411.40	142.20	304.73	103.59	326.90	318.43	251.41	153.64	276.05	206.88	333.61	197.36	247.44	267.41	274.99	207.07	14.54
ENSMUSG00000020493	Prr11	1062.52	1134.89	1317.61	1519.35	1446.80	806.55	1577.06	1054.01	595.54	990.67	1755.05	2004.49	2070.34	1756.57	1093.29	1033.98	608.15	1226.03	1246.53	723.94	1048.56	533.13	1109.53	799.22	543.68
ENSMUSG00000020513	Tubd1	114.01	61.26	15.65	259.55	181.69	109.03	143.50	129.51	109.55	134.62	29.02	200.99	236.48	182.70	249.98	258.26	316.53	351.69	0.00	258.61	217.65	167.55	167.95	196.96	375.88
ENSMUSG00000020524	Gna1	71.96	0.00	0.00	9.66	0.00	0.00	0.00	0.00	55.94	0.00	329.17	359.46	296.76	357.58	370.66	382.68	334.17	390.89	304.71	253.51	105.39	60.93	66.14	64.39	44.75
ENSMUSG00000020532	Acaca	1432.58	582.49	856.30	901.53	595.41	878.80	418.42	976.01	1247.02	1093.05	1118.86	1719.24	1421.18	1174.53	2235.43	1820.07	1731.04	1193.37	1371.79	1553.38	965.32	1269.35	696.18	840.89	823.35
ENSMUSG00000020545	Lrc72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.47	0.00	5.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000020598	Nrcam	1112.05	184.85	1000.88	546.03	587.43	256.15	412.02	203.93	173.65	509.08	980.63	684.91	690.89	913.52	1205.35	878.46	1567.07	1276.12	940.62	1549.97	775.16	517.90	389.86	763.87	581.71
ENSMUSG00000020599	Rgs9	439.21	107.47	206.44	477.00	208.09	290.30	83.12	145.97	0.00	162.11	528.50	610.70	447.45	177.48	0.00	730.48	753.44	402.87	608.21	660.99	342.90	415.50	147.07	222.22	363.57
ENSMUSG00000020600	Slc7a15	55.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	281.39	259.66	75.69	0.00	297.85	279.17	279.83	80.69	137.81	154.27	151.48	26.11	0.00	223.74
ENSMUSG00000020604	Arsg	308.38	70.93	310.03	122.18	323.49	218.06	226.61	177.46	284.37	126.09	698.81	328.54	969.10	532.45	612.01	432.63	1108.36	956.00	810.55	947.68	789.67	556.82	750.13	640.14	472.08
ENSMUSG00000020609	Apob	859.74	0.00	0.00	0.00	0.00	0.00	44.04	0.00	38.46	0.00	3436.02	4495.23	3521.66	4672.01	2150.67	5314.11	2472.03	2127.59	1881.24	2784.34	2342.27	882.62	1721.30	1017.65	748.39
ENSMUSG00000020620	Abca8b	82.24	0.00	117.01	27.61	44.81	64.37	0.00	169.59	50.11	110.92	0.00	6.18	0.00	23.49	0.00	0.00	38.40	0.00	86.72	26.37	64.91	73.62	0.00	358.58	39.15
ENSMUSG00000020623	Map2k6	242.03	92.42	134.15	60.06	152.84	132.02	53.28	223.25	0.00	53.09	558.29	596.01	303.71	514.18	1485.50	796.46	656.92	348.43	831.02	593.79	652.96	489.97	610.03	613.62	402.72
ENSMUSG00000020627	Klhl29	1723.21	929.62	2185.09	3013.85	2999.78	2775.63	2524.71	2925.89	2567.45	2676.23	1266.26	1580.09	1465.23	1902.74	482.71	1058.49	1112.52	1385.00	1179.08	1292.21	1590.79	1180.50	1802.23	1833.29	1618.72
ENSMUSG00000020635	Fkbp1b	73.83	208.49	58.13	55.91	154.68	83.41	0.00	105.19	0.00	62.57	0.00	35.56	4.64	0.00	0.00	49.96	154.63	0.00	146.93	54.44	65.68	36.39	177.53	133.83	214.79
ENSMUSG00000020651	Slc26a4	209.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	515.52	1083.80	500.78	861.32	462.60	677.70	383.98	605.39	414.31	818.37	458.98	633.83	342.00	335.85	319.94
ENSMUSG00000020657	Dnajc27	192.51	413.76	180.35	291.31	166.96	339.56	237.98	249.73	328.65	134.62	588.07	367.97	187.79	404.56	2045.79	460.91	594.66	513.93	231.24	421.95	407.82	278.41	568.25	320.70	297.57
ENSMUSG00000020672	Sntg2	71.96	0.00	276.49	517.72	38.67	41.38	64.65	27.19	0.00	0.00	181.00	174.71	217.93	206.19	268.65	246.95	64.34	78.40	103.58	233.09	122.19	104.93	402.04	93.43	48.10
ENSMUSG00000020679	Hnf1b	22.43	0.00	25.34	0.00	0.00	0.00	0.00	0.00	0.00	42.66	161.15	78.85	113.60	216.64	0.00	89.54	236.62	54.44	251.71	91.88	67.97	85.47	44.38	104.80	127.53
ENSMUSG00000020684	Rasl10b	159.80	0.00	267.55	374.14	174.94	22.33	326.07	398.56	117.71	139.36	99.28	342.46	60.28	195.75	804.52	66.92	317.57	40.29	342.04	96.13	209.25	28.77	58.30	47.98	297.57
ENSMUSG00000020692	Nle1	659.76	965.08	386.04	367.93	754.40	512.96	682.68	792.83	636.33	1292.14	203.15	465.37	491.50	245.35	173.83	330.84	404.74	455.13	234.85	371.76	379.56	379.11	382.03	438.12	283.02
ENSMUSG00000020698	Cct6b	155.13	0.00	0.00	0.00	47.26	0.00	0.00	0.00	0.00	0.00	97.76	7.73	143.74	0.00	0.00	0.00	131.80	70.77	84.31	0.00	35.13	35.54	111.39	22.73	36.92
ENSMUSG00000020712	Tcam1	97.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.31	0.00	66.48	74.19	18.27	0.00	125.36	140.10	133.93	203.54	59.55	0.00	48.24	73.97	6.31	8.95
ENSMUSG00000020713	Gh	247.64	0.00	49.93	23.47	62.00	18.39	31.97	0.00	0.00	37.92	539.96	400.43	419.63	519.40	1239.83	546.68	453.52	558.57	881.60	289.24	419.27	184.48	779.72	387.62	267.36
ENSMUSG00000020717	Pecam1	766.29	394.42	49.19	23.47	63.22	637.75	904.32	464.39	533.77	866.48	507.88	222.64	466.00	461.98	770.05	379.85	415.12	481.27	158.98	510.42	676.64	377.42	296.75	1121.18	54.82
ENSMUSG00000020718	Polg2	944.78	830.75	854.06	749.67	680.12	722.48	505.08	502.32	694.60	911.99	1684.02	899.82	1455.96	1140.60	609.14	1000.99	1607.54	1187.92	1395.87	1333.04	1004.27	895.32	937.23	1089.62	475.44
ENSMUSG00000020722	Cacng1	33.64	0.00	33.54	46.94	15.35	0.00	37.65	0.00	0.00	0.00	0.00	154.61	25.50	18.27	0.00	0.00	147.37	0.00	72.26	51.04	0.00	64.31	27.85	27.78	27.97
ENSMUSG00000020723	Tacng4	57.94	46.36	339.09	256.79	265.79	351.39	466.72	477.99	586.21	390.58	155.80	428.26	345.44	511.57	1211.10	658.84	620.60	348.43	534.74	324.12	375.74	343.57	67.01	358.58	495.57
ENSMUSG00000020728	Cep112	160.73	351.43	283.94	156.70	376.28	220.68	250.77	150.27	698.10	404.80	359.72	249.69	375.58	67.86	716.89	393.04	508.52	336.45	537.15	392.17	142.81	505.20	129.66	395.19	97.32
ENSMUSG00000020734	Grin2c	4036.09	1148.86	662.53	457.67	599.71	107.71	245.79	83.00	171.32	0.00	11068.72	10698.10	11974.58	12969.40	11276.28	11153.23	6826.61	7019.73	8093.41	8279.85	5314.59	4386.89	4763.59	3111.03	3215.07
ENSMUSG00000020744	Slc25a19	723.30	785.61	500.07	347.22	429.68	388.17	535.63	388.54	470.84	973.61	745.40	596.79	788.26	790.85	453.98	548.57	888.35	1005.00	759.96	973.20	619.36	517.90	344.61	574.48	948.64
ENSMUSG00000020752	Recql5	1482.11	884.48	912.94	859.42	1262.03	1026.58	637.93	1105.53	1147.95	1880.85	1220.44	1268.56	1400.32	1028.36	1188.11	1362.93	1411.40	1426.38	1847.51	1666.52	2034.50	1387.83	1521.15	1272.69	950.87
ENSMUSG00000020798	Spns3	148.59	0.00	0.00	35.21	0.00	0.00	0.00	10.73	0.00	0.00	177.19	243.51	236.48	88.74	0.00	141.38	273.98	203.61	325.18	24.67	109.21	93.09	0.00	137.62	369.16
ENSMUSG00000020802	Ube2o	970.94	1712.00	1881.03	1507.61	1424.70	2394.69	2008.97	1811.06	1566.35	1243.79	1587.03	1685.23	1337.72	1365.06	280.15	1235.69	1870.11	1846.67	2136.56	1615.48	1541.91	1030.72	1451.53	1441.88	1317.80
ENSMUSG00000020808	Pinreg	629.85	510.48	719.17	638.53	416.79	548.43	698.31	652.58	421.89	790.64	109.98	423.63	380.22	268.84	212.62	192.28	255.30	211.23	203.54	209.27	61.86	583.06	382.03	141.41	362.45
ENSMUSG00000020812	1810032O08	499.02	153.68	119.24	234.70	446.87	344.82	281.31	571.01	159.66	220.89	83.25	98.18	255.03	349.75	0.00	263.91	157.74	206.88	281.82	167.59	265.00	149.78	120.96	344.69	378.11
ENSMUSG00000020814	Mxra7	21.49	35.47	0.00	104.93	82.25	93.92	316.12	66.55	82.75	120.40	6.11	4.64	11.59	65.25	0.00	67.86	58.12	27.22	32.52	22.12	0.00	57.54	60.92	61.87	0.00
ENSMUSG00000020826	Nos2	2571.74	1486.32	105.08	140.13	98.83	112.97	41.91	93.74	0.00	78.68	5241.47	6445.61	4198.64	4995.66	6786.74	6643.11	6566.12	6721.39	8106.66	8351.31	7132.96	6850.28	6329.12	5999.85	7268.04
ENSMUSG00000020834	Dhrs13	335.48	327.78	68.56	451.46	319.19	310.01	134.97	221.11	333.31	349.82	223.77	374.92	134.47	99.18	192.51	179.09	260.49	332.10	278.21	238.20	171.07	201.40	211.46	89.64	0.47
ENSMUSG00000020838	Slc6a4	1877.41	1532.53	2478.73	2560.07	2320.89	2003.24	2047.33	1840.40	1736.50	2781.46	3475.73	3420.70	2693.99	2975.47	6697.67	3803.20	2003.98	2017.62	2438.86	2678.85	1778.60	1394.60	1623.83	1424.21	2218.33
ENSMUSG00000020839	Tmigd1	156.06	64.48	0.00	36.59	0.00	63.05	0.00	7.87	0.00	0.00	577.38	425.17	192.43	365.41	418.07	831.33	447.29	194.90	314.34	590.38	675.11	557.67	344.61	369.94	550.39
ENSMUSG00000020866	Cacna1g	292.50	278.35	44.72	58.68	93.30	124.79	88.80	64.40	206.28	53.09	1191.42	790.82	572.65	806.51	770.05	426.98	1234.98	809.01	632.30	575.07	394.83	242.02	228.00	208.33	343.43
ENSMUSG00000020868	Xylt2	752.27	691.03	861.52	862.18	1153.39	784.22	643.61	930.22	709.75	857.95	235.23	354.05	537.87	516.79	548.80	363.83	575.98	411.58	298.69	437.26	634.64	601.67	602.19	540.39	543.68
ENSMUSG00000020877	Scm2	684.99	475.02	691.60	835.95	685.03	588.49	497.98	661.89	989.45	467.37	428.45	575.14	639.88	540.28	703.96	591.92	1069.97	839.49	331.20	516.37	429.20	534.82	797.99	780.28	446.35
ENSMUSG00000020878	Lrrc46	125.22	0.00	79.74	60.06	0.00	79.47	66.07	48.66	0.00	0.00	0.00	107.45	11.59	5.22	226.99	20.74	506.44	125.22	480.55	320.71	0.00	71.93	141.85	0.00	86.14
ENSMUSG00000020882	Cacnb1	622.38	770.56	332.38	387.26	518.07	664.68	329.62	322.71	749.38	475.90	725.54	569.73	549.46	360.19	453.98	730.48	1130.16	934.22	645.55	988.51	1066.89	1354.82	509.08	1280.27	1098.54
ENSMUSG00000020886	Dlg4	320.53	206.34	12.67	131.85	116.63	294.90	92.35	86.58	209.78	161.16	197.81	143.01	373.26	169.65	163.78	217.73	283.32	350.61	332.41	253.51	204.67	206.48	376.81	353.53	89.49
ENSMUSG00000020889	Nr1d1	172.88	571.74	187.80	370.00	89.01	386.20	263.55	561.71	477.83	324.22	685.83	324.68	394.13	524.62	1588.94	469.39	507.48	504.13	204.74	678.01	949.28	804.77	341.13	508.83	323.30
ENSMUSG00000020897	Aurkb	1549.40	1070.41	1575.47	977.46	1073.59	868.29	917.82	1124.85	808.81	469.26	916.47	933.83	1402.64	1328.52	752.81	796.46	305.11	1114.97	442.01	521.48	340.61	1136.50	737.95	493.67	679.04
ENSMUSG00000020901	Pik3r5	1982.07	1119.84	912.19	910.50	1678.82	567.47	525.69	203.93	270.38	357.40	1027.98	808.60	623.65	762.14	1014.28	1451.53	3304.34	3462.50	2477.40	3505.73	1040.92	696.45	851.08	1435.57	1478.89
ENSMUSG00000020926	Adam11	1849.37	397.64	507.52	381.05	329.63	156.97	420.55	293.38	153.84	289.14	5204.05	5302.28	6433.59	7021.07	3455.15	4732.56	3977.87	4158.27	3854.01	3039.55	1861.14	995.17	1876.20	1145.17	909.48
ENSMUSG00000020930	Ccdc103	42.99	0.00	0.00	0.00	0.00	0.00	0.00	13.60	0.00	0.00	0.00	21.65	0.00	0.00	0.00	33.93	44.63	0.00	0.00	56.35	36.66	0.00	99.21	71.97	0.00
ENSMUSG00000020941	Map3k14	2714.71	1392.82	2223.10	2241.40	2176.64	3284.65	3181.11	2066.51	2325.04	2755.86	2543.22	2972.34	2761.23	2946.76	2180.84	3119.85	3285.66	2653.50	2762.84	3422.36	3694.78	2720.65	2745.55	2890.08	2595.33
ENSMUSG00000020950	Foxg1	1224.19	1712.00	2004.00	1897.63	2184.62	2367.76	1590.56	2389.94	2427.60	2144.40	1719.15	1587.82	2149.17	2369.94	1330.34	1233.80	1145.72	1248.90	1470.54	1311.78	2398.78	1738.17	1616.00	1579.50	1419.60
ENSMUSG00000020953	Coch	820.49	268.68	0.00	129.78	0.00	0.00	0.00	18.60	26.81	0.00	3361.17	4153.54	3285.19	3179.06	6479.30	5397.06	3045.93	1672.45	1983.61	3378.97	2049.01	1505.45	2090.27	1006.29	1210.41
ENSMUSG00000020973	Dnaaf2	21.49	144.01	586.52	655.09	415.56	706.72	538.47	311.98	172.48	0.00	207.73	600.65	273.57	297.55	0.00	19.79	47.74	32.67	0.00	11.06	483.42	407.89	378.55	54.29	106.27
ENSMUSG00000021007	Spata7	193.44	101.02	184.08	138.06	101.28	273.88	218.09	100.18	724.90	91.01	252.03	173.16	185.47	130.50	188.20	283.71	348.70	275.48	121.64	226.29	32.08	0.00	0.00	473.47	243.87
ENSMUSG00000021023	1110008L16I	290.63	340.68	204.20	387.95	494.13	223.31	342.41	313.41	104.89	483.48	509.41	565.87	1003.87	1051.85	1189.55	662.61	813.63	1244.54	728.65	794.55	518.55	508.59	789.29	441.91	516.83
ENSMUSG00000021047	Nova1	83.17	108.55	109.55	0.00	16.57	41.38	0.00	129.51	519.78	0.00	0.00	37.88	25.50	2.61	126.43	41.47	230.39	55.53	0.00	133.56	31.31	75.32	26.98	10.10	3.36
ENSMUSG00000021057	Akap5	85.97	73.08	20.12	26.92	73.05	22.99	125.74	0.00	51.28	0.00	245.92	336.27	500.78	263.62	244.23	360.06	209.63	300.52	130.07	149.72	52.70	79.55	0.00	94.69	52.58
ENSMUSG00000021061	Sptb	781.24	1036.01	989.70	768.99	653.73	242.36	554.10	400.71	242.41	564.07

ENSMUSG00000021675	F2rl2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.42	0.00	0.00	0.00	0.00	38.40	0.00	125.26	0.00	79.42	0.00	0.00	10.10	36.92
ENSMUSG00000021678	F2rl1	5128.52	3433.68	4514.77	3852.56	3452.79	4477.39	2210.72	3658.62	3933.35	2503.69	4874.12	6835.99	6252.75	6579.97	5140.34	5055.85	2733.55	4102.74	4262.29	3363.66	3338.13	3891.84	3181.53	2513.82	3584.24
ENSMUSG00000021680	Chbp	1516.69	598.61	319.72	385.19	523.60	856.47	815.52	873.69	481.32	793.48	4435.74	5003.89	4481.49	4760.75	8650.08	6578.08	2818.65	3289.38	3531.23	4365.78	1232.61	1772.86	1783.08	1154.01	1752.97
ENSMUSG00000021694	Ercc8	383.14	326.71	422.56	347.22	520.53	336.94	401.37	254.02	195.79	152.63	193.99	340.91	324.58	73.08	195.38	319.53	358.04	145.90	210.77	180.35	40.48	220.02	315.89	260.09	287.50
ENSMUSG00000021697	Depdc1b	0.00	52.66	199.73	153.94	117.86	263.38	110.82	226.83	90.90	0.00	256.61	228.05	264.30	161.82	439.62	176.26	235.58	72.95	20.47	144.62	39.71	129.47	96.59	118.68	115.22
ENSMUSG00000021700	Rab3c	0.00	0.00	0.00	0.00	0.00	0.00	26.48	0.00	0.00	0.00	0.00	86.58	252.71	44.37	86.20	106.51	73.68	37.02	0.00	36.58	0.00	38.93	41.77	22.73	0.00
ENSMUSG00000021708	Rasgrf2	75.69	0.00	114.02	34.51	120.92	0.00	0.00	0.00	0.00	0.00	0.00	14.69	18.55	49.59	0.00	65.04	266.71	214.50	13.25	361.55	20.62	79.55	54.82	227.27	21.25
ENSMUSG00000021714	Cenpk	341.09	341.76	368.16	291.31	358.48	396.05	461.04	231.84	508.13	172.54	69.50	197.13	257.34	247.96	0.00	176.26	78.87	201.43	183.07	57.00	288.68	451.89	243.66	31.56	174.51
ENSMUSG00000021720	Rnf180	1189.62	879.11	529.13	853.21	782.02	974.03	538.47	635.41	1092.01	1842.93	1130.32	1284.02	989.96	1062.30	2041.48	1890.76	1716.51	1880.42	1621.09	2458.52	835.49	745.53	402.04	1361.08	1984.53
ENSMUSG00000021730	Hcn1	36.45	0.00	0.00	47.63	0.00	0.00	0.00	0.00	0.00	0.00	175.66	247.37	141.42	143.55	237.05	596.64	228.31	279.83	155.36	274.78	87.06	37.23	26.11	170.45	224.85
ENSMUSG00000021743	Fezf2	9774.84	6377.29	4327.71	4176.31	4266.11	5724.65	4481.83	2710.51	5169.87	5172.34	19047.40	23954.19	21695.67	20616.88	18634.81	18968.88	16258.08	17086.04	19802.36	19490.35	13884.84	14951.30	13685.11	10877.25	10252.66
ENSMUSG00000021747	4930452B06I	498.09	553.47	842.89	358.27	681.96	418.38	784.27	346.33	221.43	142.20	759.15	1034.33	1140.66	704.72	535.75	697.49	507.48	952.73	551.60	785.19	562.85	1060.33	536.93	579.53	651.07
ENSMUSG00000021789	Sftpa1	81.30	93.50	0.00	73.86	0.00	0.00	40.07	78.08	0.00	675.90	308.44	387.17	480.25	1252.76	489.18	326.91	579.26	698.54	201.62	459.75	263.18	734.47	136.36	350.15
ENSMUSG00000021791	Dydc2	18.69	68.78	0.00	0.00	0.00	0.00	12.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.39	11.42	75.13	0.00	98.68	0.00	0.00	0.00	23.99	0.00
ENSMUSG00000021803	Cdhr1	13221.27	12049.58	18751.42	18660.86	18023.87	13446.63	17083.38	16715.29	16446.63	16245.09	11103.09	15141.53	13854.81	14313.58	12215.85	8820.41	8719.55	13021.41	8121.11	9904.68	5652.91	7897.92	7134.95	7499.81	9895.81
ENSMUSG00000021804	Rgr	52.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.01	86.30	57.98	2.32	138.33	0.00	160.23	68.49	121.95	0.00	159.93	0.00	65.16	0.00	0.00	71.60
ENSMUSG00000021806	Nid2	3818.36	5073.68	2881.16	4458.64	3585.99	4002.53	3405.59	3684.38	2626.89	3842.28	3044.22	4186.78	3211.00	4050.82	774.36	2063.25	2402.49	2645.87	1967.95	1763.50	2007.00	2505.71	2287.81	2135.05	1135.46
ENSMUSG00000021815	Mss51	0.00	8.60	135.64	67.65	192.13	55.17	18.47	30.05	0.00	126.09	37.42	89.67	405.72	135.72	0.00	222.44	228.31	218.86	67.45	159.08	0.00	71.93	86.15	101.01	211.43
ENSMUSG00000021852	Slc35f4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.60	14.69	23.18	0.00	0.00	23.56	0.00	0.00	49.38	34.88	0.00	0.00	54.82	58.08	0.00
ENSMUSG00000021884	Hacl1	79.43	82.75	280.96	185.69	188.45	351.39	284.87	213.95	0.00	0.00	723.25	531.08	554.10	446.32	344.80	23.56	245.96	64.24	91.53	75.71	524.66	463.74	379.42	79.54	178.99
ENSMUSG00000021902	Phf7	443.89	0.00	67.07	229.18	477.56	146.47	152.02	131.66	59.44	451.25	232.94	263.61	176.20	182.70	67.52	488.24	300.96	229.74	27.70	318.16	354.36	55.01	383.77	215.90	72.71
ENSMUSG00000021918	Nek4	875.62	1131.66	511.99	532.22	292.18	262.06	532.79	641.85	932.35	647.49	780.53	593.69	547.14	587.26	380.71	960.46	1006.66	1110.61	645.55	682.26	540.70	510.28	584.79	905.28	115.22
ENSMUSG00000021919	Chat	226.15	0.00	234.76	91.12	51.56	0.00	0.00	0.00	27.97	70.15	101.58	86.16	46.37	125.28	1.44	254.49	452.48	371.29	529.93	667.80	119.14	0.00	1.74	151.51	49.22
ENSMUSG00000021953	Tdh	1441.93	2029.04	1256.50	866.33	951.44	302.78	925.63	490.15	419.56	601.99	2608.90	3347.26	2297.54	2602.23	1952.41	2524.16	1308.66	2392.18	3202.44	2144.61	1147.08	1198.27	824.10	988.61	1115.32
ENSMUSG00000021961	4930578I06R	24.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.31	0.00	0.00	0.00	79.97	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000021965	Ska3	290.63	189.15	250.41	383.12	380.57	306.07	478.80	163.15	0.00	400.06	86.30	462.28	315.30	198.36	397.95	108.51	309.26	96.91	108.39	148.87	120.66	173.48	80.93	214.64	288.62
ENSMUSG00000021974	Fgf9	326.14	116.07	232.52	233.32	287.27	311.98	336.01	323.43	317.00	742.29	143.58	79.62	118.24	315.82	202.57	187.57	281.24	156.79	90.33	329.22	184.82	66.01	218.43	135.10	163.33
ENSMUSG00000021977	1700129C05I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.08	0.00	0.00	0.00	0.00	61.27	15.57	19.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000021997	Lrrc63	0.00	0.00	31.30	39.35	195.20	0.66	112.24	57.24	223.76	0.00	155.04	21.65	64.92	438.49	0.00	103.68	65.38	156.79	180.66	107.19	0.00	89.70	183.62	7.58	12.31
ENSMUSG00000022012	Enox1	159.80	703.93	157.99	91.12	98.21	210.83	169.78	183.90	88.57	62.57	196.28	58.75	92.74	156.60	589.03	191.34	67.46	55.53	99.96	279.03	195.51	291.11	16.53	87.12	276.31
ENSMUSG00000022014	Epsti1	665.36	832.90	767.61	668.90	540.78	1008.19	1258.09	1352.39	1138.63	1270.33	1150.94	1233.77	1648.39	1328.52	1607.61	1262.08	1294.13	1634.34	1404.30	1515.09	1801.57	1436.06	1791.79	1492.39	3219.55
ENSMUSG00000022026	Olfm4	6286.36	4520.21	1794.58	2235.19	3661.49	487.34	1023.67	1260.80	861.26	776.42	6409.98	7118.93	8130.66	8360.03	13662.56	8529.16	7147.29	8956.78	9672.35	7546.55	3936.88	3698.05	4321.52	3854.70	4059.67
ENSMUSG00000022034	Esco2	555.09	612.58	516.46	421.77	451.78	686.35	427.65	583.89	639.82	277.77	537.67	402.75	595.83	655.13	0.00	247.89	313.41	317.94	507.04	189.71	259.66	112.55	166.21	300.50	362.45
ENSMUSG00000022053	Ebf2	0.00	0.00	0.00	0.00	23.33	0.00	43.33	0.00	0.00	0.00	273.41	201.76	164.61	331.48	0.00	54.67	121.42	178.57	192.70	166.74	229.87	30.46	0.00	148.99	63.76
ENSMUSG00000022061	Nkx3-1	159.80	439.55	6.71	47.63	0.00	31.53	58.96	0.00	0.00	40.76	238.28	1011.14	915.77	433.27	1988.33	606.06	606.07	518.29	602.19	754.57	277.99	353.73	104.43	200.75	64.88
ENSMUSG00000022075	Rhobtb2	428.93	102.10	447.90	247.82	206.25	371.75	408.47	255.45	590.88	273.97	1393.04	1641.16	1085.02	1151.04	433.87	1684.34	867.60	944.02	856.31	946.83	504.04	529.74	604.80	581.32	613.03
ENSMUSG00000022076	Klhl1	0.00	0.00	0.00	0.00	0.00	14.45	58.96	0.00	0.00	0.00	73.32	122.91	76.51	52.20	0.00	52.78	32.17	9.80	73.47	25.52	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000022085	Pebp4	46.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.21	33.24	0.00	75.69	183.89	147.98	71.61	127.39	0.00	86.77	46.59	27.08	0.00	54.29	146.55
ENSMUSG00000022091	Sorbs3	668.17	873.73	1060.50	1196.29	579.45	1546.76	1351.87	1305.17	2001.05	1883.69	332.99	370.29	373.26	151.38	79.02	385.50	590.50	700.12	258.94	414.29	831.67	886.01	469.05	762.61	1103.01
ENSMUSG00000022092	Ppp3cc	332.68	393.34	20.12	60.06	18.41	141.21	26.28	57.24	0.00	176.33	308.55	327.00	169.24	153.99	311.75	548.57	429.65	587.97	55.40	293.49	289.44	116.78	435.98	161.61	186.82
ENSMUSG00000022099	Dmtn	486.87	688.89	417.34	249.20	282.36	312.64	223.06	282.64	221.43	194.34	315.42	265.15	310.67	415.00	237.05	566.47	465.97	211.23	649.16	450.02	340.61	277.57	263.68	549.23	355.74
ENSMUSG00000022102	Dok2	135.50	193.45	0.00	105.62	162.66	275.86	139.24	108.76	199.29	142.20	185.59	141.47	39.41	208.80	0.00	140.44	265.68	125.22	98.76	74.86	206.96	318.18	363.75	85.86	34.68
ENSMUSG00000022103	Gfra2	2047.48	2336.41	3750.13	3110.49	2910.78	4669.84	3102.97	3135.55	5687.33	3940.87	911.13	859.62	820.72	1132.77	864.86	489.18	672.49	1473.20	662.41	860.91	801.89	1183.88	1066.89	1003.76	1565.03
ENSMUSG00000022112	Gpc5	185.03	0.00	84.96	32.44	0.00	0.00	58.25	40.07	0.00	274.92	0.00	68.80	71.87	203.58	0.00	38.64	46.70	0.00	109.60	85.07	0.00	27.93	62.66	26.51	0.00
ENSMUSG00000022114	Spry2	1220.45	1946.29	2826.76	2249.69	2624.12	2398.63	2482.09	3053.98	3429.88	3433.69	2059.78	2155.24	2165.39	2886.73	2666.43	1702.25	1358.47	1602.77	1986.02	1709.90	826.32	1070.49	1309.68	1348.45	1603.06
ENSMUSG00000022120	Rnf219	632.65	437.40	509.01	455.60	526.67	602.28	507.22	607.50	586.21	535.63	320.77	344.78	215.61	307.99	341.92	399.64	323.79	346.25	314.34	246.70	449.82	289.41	414.23	589.63	487.74
ENSMUSG00000022176	Rem2	28.03	0.00	133.40	36.59	16.57	59.77	0.00	82.29	57.11	0.00	163.44	45.51	134.47	237.52	135.05	126.30	116.23	105.62	0.41	78.26	26.73	183.63	83.54	0.00	25.73
ENSMUSG00000022180	Slc7a8	85.97	0.00	0.00	35.90	41.74	36.78	66.78	69.41	121.21	109.02	1199.05	1775.67	1182.39	1357.23	2052.98	1130.12	1035.72	781.79	1195.95	1230.11	810.29	744.69	660.50	556.80	729.38
ENSMUSG00000022181	C6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.61	4.64	88.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000022197	Pdzd2	2090.47	2336.41	2138.14	2846.10	2470.66	3067.91	2555.97	3586.35	4024.25	3482.99	1883.36	1804.28	1741.13	1132.77	682.41	3071.78	2986.77	2149.37	1912.55	2569.96	4618.10	2438.85	2400.94	4083.23	3979.13
ENSMUSG00000022199	Slc22a17	1436.32	2451.40	1435.37	1866.57	2341.76	2351.34	1135.20	1901.22	1341.42	2624.09	575.09	510.98	621.33	756.92	765.74	673.93	1505.84	706.66	992.41	683.11	958.44	526.36	664.85	803.01	667.85
ENSMUSG00000022211	Camil3	7280.67	5420.81	7012.12	6030.46	8246.80	6287.53	5323.64	5982.01	4369.22	5368.58	6287.78	6240.75	7469.91	6945.38	6147.43	5970.13	8197.54	7417.16	6955.28	4560.59	3355.70	4307.34	5450.20	4314.28	3764.34
ENSMUSG00000022215	Fitm1	14.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.22	0.00	0.00	67.45	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000022219	Cideb	0.00	0.00	0.00	16.57	0.00	0.00	0.00	13.60	0.00	0.00	0.00	0.00	34.78	0.00	0.00	24.51	0.00	0.00	0.00	54.44	0.00	40.62	34.81	0.00	0.00
ENSMUSG00000022220	Adcy4	93.45	0.00	48.44	0.00	88.39	84.73	66.07	72.27	87.41	0.00	0.00	41.74	18.55	2.61	0.00	109.34	81.99	52.26	50.58	39.13	0.00	32.16	31.33	42.93	0.00
ENSMUSG00000022236	Ropn1l	0.00	10.75	0.00	0.00	26.39	0.00	0.00	19.32	0.00	0.00	0.00	0.77	9.27	26.10	0.00	96.14	277.09	128.48	0.00	28.92	148.16	0.00	0.00	55.55	63.76
ENSMUSG00000022244	Amacr	333.62	508.34	397.97	278.88	161.44	282.42	349.51	199.64	159.66	182.02	327.64	272.11	273.57	208.80	231.30	281.82	440.02	88.20	127.66	155.68	104.63	275.87	621.34	327.01	238.28
ENSMUSG00000022245	Skor1	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	181.77	57.20	285.16	20.88	225.55	90.49	91.33	69.69	161.39	140.37	86.30	74.47	60.05	55.55	0.00
ENSMUSG00000022323	Rida	50.46	107.01	201.22	421.08	116.63	260.75	205.46	150.27	0.00	414.28	58.04	46.38	108.97	88.74	208.31	126.30	97.55	86.02	81.90	93.58	245.91	357.11	100.95	101.01	294.21
ENSMUSG00000022325	Pop1	552.29	173.03	318.22	571.57	408.20	545.14	579.68	402.86	304.18	84.37	290.98	453.77	391.81	370.63	152.29	481.64	176.43	587.97	420.33	488.30	348.25	201.40	352.44	260.09	321.06
ENSMUSG00000022330	Osr2	0.00	246.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.52	216.90	164.66	164.61	20.88	110.62	156.46	152.56	227.57	390.22	108.04	56.51	133.71	229.74	180.55	142.07
ENSMUSG00000022340	Sybu	49.53	0.00	55.89	0.00	29.46	11.17	0.00	47.94	45.45	0.00	57.28	85.03	143.74	75.69	0.00	62.21	24.91	75.13	254.12	96.13	64.15	0.00	179.27	0.00	170.04
ENSMUSG00000022366	Slc22a22	57.94	64.48	0.00	0.00	0.00	65.02	0.00	0.00	0.00	0.00	123.72	17.01	194.75	146.16	58.90	54.67	69.53	0.00	0.00	11.91	0.00	0.00	412.49	0.00	0.00
ENSMUSG00000022367	Has2	2377.36	1763.59	1757.32	1871.40	1786.86	524.78	764.38	769.93	356.62	355.50	2587.51	3184.92	3823.06	3834.18	2762.68	2366.75	1928.22	3035.68	2874.85	2480.64	1868.78	1589.23	1385.39	1281.53	1345.77
ENSMUSG00000022376	Adcy8	47.66	0.00	0.00	0.00	22.71	9.20	0.00	25.76	0.00	0.00	241.34	624.62	398.77	292.33	274.40	571.19	548.99	354.96	482.96	405.78	410.11	213.25	630.91	433.07	168.92
ENSMUSG00000022385	Gtse1	827.03	970.46	1028.45	663.38	680.74	1186.18	902.90	1089.07	1015.09	919.57	482.68	1040.51	574.97	1020.53	244.23	713.51	561.45	623.90	962.30	533.39	633.87	656.68	1028.60	467.16	812.16
ENSMUSG00000022415	Syngr1	1075.61	1786.16	688.62	795.22	401.44	839.39	1138.75	885.85	333.31	257.86	568.98	155.38	155.33	261.01	0.00	999.11	1407.25	524.82	246.90	284.13	741.55	824.23	886.76	1828.24	511.23
ENSMUSG00000022420	Dnal4	1009.26	820.00	525.41	797.30	441.96	949.73	924.21	815.73	395.08	533.73	323.06	892.86	586.56	587.26	422.38	968.99	538.62	668.55	407.08	575.07	846.18	622.83	292.39	703.26	651.07
ENSMUSG00000022429	Dmc1	96.25	0.00	0.00	18.64	14.12	0.00	0.00	0.00	0.00	0.00	281.05	118.28	139.10	167.04	150.85	174.37	65.38	89.28	0.00	62.95	47.35	67.70	127.92	26.51	0.00
ENSMUSG00000022439	Panx9	223.34	121.44	0.00	40.73	136.27	256.15	124.32	65.83	88.57	269.23	376.52	181.66	213.29	101.79	163.78	136.67	311.34	261.32	130.07	108.89	126.01	245.41	213.20	357.31	198.01
ENSMUSG00000022448	Ptprhf6	5352.80	4760.94	7161.18	7260.57	5301.64	5948.62	5335.71	4945.05	4133.80	4463.23	6238.14	9724.64	9415.06	9521.51	8575.37	7779.73	4769.70	5321.15	4681.41	4943.41	4916.70	5464.99	4321.52	3147.55	4310.26
ENSMUSG00000022455	Wbp2nl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.47	0.00	0.00	0.00	17.91	0.00	0.00	0.00	108.89	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000022464	Slc38a4	501.83	964.01	1476.35	1202.50	942.23	2137.22	1810.06	1704.44	2032.52	2930.30	258.90	93.54	0.00	57.42	343.36	239.41	151.52	189.46	55.40	128.46	439.89	636.37	435.98	744.93	1073.93
ENSMUSG00000022485	Hoxc5	38.31	108.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.75	41.74	11.59	60.03	165.21	0.00	0.00	46.82	114.42	5.95	105.39	76.16	121.83	66.92	59.29
ENSMUSG00000022489	Pde1b	2295.13	3786.18	2346.07	3734.52	2737.68	3591.37	2689.52	2090.84	3377.43	3422.31	885.16	1081.48	1268.17	1245.00	946.75	1099.96	1145.72	1129.12	1421.16	957.04	1000.45	587.29	878.05	1266.38	1139.93
ENSMUSG00000022491	Glycam1	0.00	0.00	26.08	0.69	12.28	0.00	0.00	0.00	0.00	0.00	45.82	53.34	30.14	23.49	0.00	239.41	0.00	0.00	0.00	62.63	0.00	0.00	0.00	99.21	41.67
ENSMUSG00000022504	Ciita	11993.34	8082.85	8220.93	7399.32	7736.70	6734.81	6959.66	8090.75	7307.28	7273.13	11690.40	15361.08	13966.10	13969.05	11336.62	13799.92	12335.22	12439.97	12172.64	12083.32	9240.78	8023.17	7061.85	9233.35	8995.27
ENSMUSG00000022510	Trp63	4736.97	5330.53	9458.06	10928.13	10200.00	11450.62	9519.89	10321.12	14320.87	10999.75	2872.38	2168.38	1859.36	1952.33	1837.48	2613.70	3221.31	2853.84	2841.12	2797.10	5820.93	4859.93	4938.51	5984.69	7149.46
ENSMUSG00000022512	Cldn1	856.93	165.50	684.89	1285.34	1071.13	2335.58	1540.12	1690.85	2355.35	2650.63	603.35	733.61	707.11	595.09	887.85	613.60	1147.80	837.32	858.72	2411.73	2620.26	3169.15	2280.85	1650.21	2655.74
ENSMUSG00000022545	Ercc4	886.84	814.63	903.25	1156.94	901.10	1220.99	1015.85	930.93	821.63	1172.69	938.62	648.58	496.14	691.67	578.97	769.12	626.83	711.01	928.57	737.56	801.12	968.94	358.53	849.73	836.77
ENSMUSG00000022574	Naprt	842.92	1412.16	877.91	1458.60	1230.73	989.14	946.23	1063.31	969.64	819.08	843.92	848.02	572.65	811.73	143.67	1013.24	1195.54	712.10	520.29	804.76	667.47	842.85	712.71	871.19	605.20
ENSMUSG00000022577	Ly6h	1031.68	415.91	792.21	931.21	1087.09	1302.43	931.32	1009.64	1108.33	1527.24	3770.53	3208.12	3106.67	2985.91	5288.31	2625.95	2229.18	2759.11	2666.49	1795.82	1331.13	2001.35	1168.71	1181.79	984.30
ENSMUSG00000022579	Gphbp1	14.95	294.47	0.00	0.00	0.00	32.84	237.98	32.92	41.96	161.16	0.00	56.43	136.79	96.57	0.00	95.20	43.59	4.36	37.34	176.95	111.50	107.47	212.33	243.68	46.98
ENSMUSG00000022602	Arc	507.43	108.55	234.01	154.63	0.00	158.95	114.37	162.43	95.57	109.02	1662.64	1880.81	1404.96	1660.00	1871.96	2205.57	1478.86	1485.17	1680.11	2207.56	1358.62	1192.35	1595.12	896.44	870.33
ENSMUSG00000022610	Mapk12	162.60	1.07	185.57	140.13	220.36	298.84	289.84	213.95	88.57	537.52	0.00	29.38	199.38	146.16	369.22	6.60	68.49	162.24	173.43	162.48	380.32	53.31	177.53	50.50	133.12
ENSMUSG00000022613	Miox	0.00	0.00	0.00	0.00	0.00	15.76	0.00	0.00	0.00	0.00	142.82	49.47	30.14	107.01	0.00	95.20	0.00	142.64	78.28	93.58	59.57	29.62	0.00	0.00	0.00
ENSMUSG00000022622	Acr	103.73	0.00	0.00	63.51	0.00	15.11	0.00	0.00	0.00	0.00	0.00	25.51	51.01	15.66	0.00	106.51	71.61	0.00	0.00	34.88	0.00	101.55	41.77	29.04	0.00
ENSMUSG00000022658	Tagln3	15.89	0.00	0.00	22.78	0.00	0.00	0.00	0.00	0.00	0.00	36.66	9.28	11.59	0.00	0.00	0.00	50.85	21.78	104.78	49.34	69.50	0.00	0.00	34.09	5.59
ENSMUSG00000022659	Gcsam	8.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.48	102.81	41.73	133.11	0.00	229.98	76.80	49.00	0.00	58.70	197.03	0.00	77.45	0.00	59.29
ENSMUSG00000022667	Cd200r1	31.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.79	2.32	62.64	0

ENSMUSG00000002873	1700010I14R	58.87	0.00	70.80	15.19	0.00	40.06	44.75	18.60	0.00	161.16	55.75	38.65	34.78	15.66	0.00	110.28	111.04	142.64	192.70	79.97	307.01	27.93	308.93	193.18	93.97
ENSMUSG00000002882	Zfp54	166.34	0.00	52.17	77.31	171.87	54.51	72.46	108.76	167.82	105.23	424.63	399.66	936.64	399.34	662.30	674.87	586.35	400.69	422.74	798.81	416.98	440.89	184.49	337.11	259.53
ENSMUSG00000002885	Thbs2	1055.05	1810.88	1470.39	1670.52	1518.00	1793.06	1314.22	2122.33	1572.17	1335.75	659.86	960.12	846.22	584.65	751.37	1017.96	643.43	617.37	805.73	751.17	1215.81	1051.03	738.82	1313.10	1069.45
ENSMUSG00000002892	Zfp51	558.83	644.82	544.78	543.27	291.57	269.29	220.22	334.16	460.35	608.62	290.98	699.60	306.03	109.62	313.19	332.72	605.03	340.81	526.31	600.59	680.46	85.47	412.49	449.48	350.15
ENSMUSG00000002914	Mep1a	831.70	25.79	32.79	97.33	0.00	0.00	0.00	20.04	0.00	0.00	1283.06	2281.24	1567.24	1782.67	3930.68	2820.12	1847.27	1694.23	2538.83	2632.91	2175.02	1518.99	1814.41	1473.45	1638.86
ENSMUSG00000002918	Adgrf4	141.11	0.00	0.00	49.70	34.99	65.02	0.00	5.72	0.00	0.00	45.06	62.62	164.61	18.27	0.00	78.23	404.74	213.41	65.04	300.30	473.49	590.67	205.37	561.85	187.94
ENSMUSG00000002931	Efhb	224.28	162.28	53.66	113.21	89.62	155.00	115.79	125.94	452.19	164.95	111.50	0.00	32.46	2.61	228.43	111.22	173.31	37.02	178.25	169.29	54.22	0.00	0.00	214.64	91.73
ENSMUSG00000002935	Spats1	31.77	2.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176.33	0.00	0.00	25.50	31.32	86.20	0.94	50.85	40.29	10.84	87.62	49.64	0.00	0.00	152.77	98.44
ENSMUSG00000002938	Aars2	1521.36	1641.07	1158.13	887.03	1552.99	1163.19	940.55	1183.52	1174.76	1222.93	765.26	989.49	980.69	1122.33	679.54	771.95	940.24	1332.74	1262.19	1341.55	1250.94	1245.66	1151.30	1233.55	990.03
ENSMUSG00000002940	Sgo1	605.55	781.31	416.60	539.81	729.84	518.21	733.83	583.17	432.38	151.68	316.18	371.83	584.24	459.37	344.80	349.69	281.24	300.52	469.71	467.88	316.17	206.48	368.10	188.13	553.74
ENSMUSG00000002949	Tcte1	456.97	80.60	214.63	153.94	32.53	89.98	58.96	0.00	0.00	391.79	484.70	449.77	422.83	803.09	689.01	469.08	421.38	650.36	501.06	313.88	527.21	422.06	171.71	248.35	
ENSMUSG00000002963	Cyp39a1	283.15	320.26	466.53	454.22	464.05	242.36	371.53	385.68	191.13	311.90	274.94	51.79	199.38	297.55	0.00	42.41	144.25	236.28	136.02	146.32	77.90	272.49	157.51	138.89	298.69
ENSMUSG00000002966	Rsph9	19.62	239.66	39.50	78.69	73.05	21.67	14.92	111.63	151.51	0.00	61.10	67.25	132.15	143.55	133.61	143.27	218.97	311.41	291.46	376.01	181.00	190.40	266.29	31.56	46.98
ENSMUSG00000002972	Ptk7	3072.63	4335.36	4693.63	4250.17	3576.78	4765.73	5175.17	5298.66	5974.02	5210.26	1224.26	857.30	955.18	1104.06	1084.67	854.90	2142.01	1962.08	993.61	1180.77	1935.98	1733.94	1857.92	2727.20	2916.39
ENSMUSG00000002979	Guca1b	0.00	0.00	0.00	20.02	0.00	19.05	0.00	15.74	0.00	0.00	29.02	59.52	4.64	5.22	0.00	0.00	0.00	18.51	0.00	0.00	45.06	38.08	0.00	0.00	0.00
ENSMUSG00000002999	Kif6	208.39	159.06	256.37	232.63	244.92	223.31	171.20	181.75	238.91	387.74	115.32	365.65	537.87	214.03	237.05	301.62	391.25	157.88	410.69	244.15	373.45	28.77	61.79	265.14	210.31
ENSMUSG00000024013	Fgd2	211.20	250.41	26.83	59.37	12.89	0.00	0.00	86.58	16.32	0.00	129.83	202.54	153.02	339.31	209.75	263.91	297.85	314.67	467.30	133.56	0.00	297.88	101.82	217.17	0.00
ENSMUSG00000024018	Ccdc167	342.96	325.64	93.90	243.68	456.08	126.11	188.25	335.59	36.13	548.90	93.94	199.44	190.11	159.21	485.59	400.58	249.07	395.25	326.39	113.14	269.59	264.87	188.84	123.73	133.12
ENSMUSG00000024032	Tff1	37.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107.22	0.00	0.00	31.69	57.96	10.44	1.44	178.14	172.27	72.95	172.23	79.97	177.94	42.31	27.85	196.96	124.17
ENSMUSG00000024033	Rsph1	19.62	209.57	0.00	30.37	31.31	28.90	46.89	27.19	0.00	213.30	61.86	42.52	99.69	41.76	376.40	89.54	638.24	383.27	390.22	455.97	203.91	89.70	181.88	242.42	149.90
ENSMUSG00000024034	Tmprss3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	184.76	194.75	15.66	0.00	109.34	33.21	66.42	95.15	45.94	17.57	81.24	96.59	0.00	39.15	
ENSMUSG00000024036	Slc37a1	641.07	526.60	173.64	151.87	162.66	292.93	192.51	165.29	277.37	226.57	1357.91	1611.79	1022.42	1352.01	758.55	1828.55	1105.25	1690.96	1223.65	2529.98	2139.13	1306.59	1106.05	1013.86	1799.95
ENSMUSG00000024037	Wdr4	856.00	652.35	883.13	983.68	1214.15	582.06	792.79	804.28	1308.78	631.37	506.35	784.64	549.46	903.08	472.66	803.06	621.64	753.48	390.22	793.70	597.98	861.47	487.32	689.38	646.59
ENSMUSG00000024055	Cyp4f13	572.85	110.69	135.54	396.23	671.53	578.64	568.31	623.25	1015.09	1289.29	460.53	331.63	716.39	281.89	830.38	367.60	799.10	555.31	366.13	717.14	439.89	505.20	519.52	773.97	872.57
ENSMUSG00000024063	Lbh	1652.19	2295.57	3097.29	3602.67	4795.23	4347.35	3258.54	3806.74	5057.99	5113.56	1356.38	1010.36	862.45	983.99	1509.92	1364.82	1548.39	1569.01	1122.48	1737.13	1939.04	2287.38	1852.70	2251.20	3093.14
ENSMUSG00000024078	Ttc27	629.85	531.98	337.60	829.74	448.10	872.23	818.37	630.40	327.49	427.55	656.04	456.09	547.14	636.86	544.49	239.41	533.43	401.78	481.75	464.48	482.66	368.11	895.46	883.82	332.25
ENSMUSG00000024112	Cacna1h	2938.99	2432.06	3317.14	2771.55	3960.43	3464.61	2239.85	3739.47	2735.28	3399.56	3444.42	2643.02	2037.88	3703.68	955.37	2732.46	3382.17	3059.63	2442.48	2207.56	2692.81	2319.53	2078.09	1739.85	2221.69
ENSMUSG00000024118	Tedc2	607.42	344.98	294.38	522.56	316.74	141.21	276.34	495.16	109.55	285.35	128.31	300.71	373.26	417.61	0.00	296.90	125.57	199.26	405.87	210.97	290.97	347.80	353.31	237.37	175.63
ENSMUSG00000024124	Prss30	125.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	203.15	50.25	113.60	2.61	403.70	126.30	117.27	202.52	358.90	108.04	158.85	333.42	167.08	107.32	133.12
ENSMUSG00000024131	Slc3a1	43.92	0.00	0.00	0.00	0.00	34.15	0.00	0.00	0.00	0.00	0.00	107.45	0.00	13.05	0.00	30.16	31.13	114.33	55.40	53.59	62.62	0.00	0.00	152.77	0.00
ENSMUSG00000024134	Six2	1401.75	2643.77	2488.41	2826.09	1939.70	2648.87	2435.21	1929.84	2541.82	2421.22	1369.37	1127.09	1381.77	1198.02	909.40	1236.63	1163.37	667.46	935.80	962.14	1273.09	1254.12	1409.76	1516.38	1070.57
ENSMUSG00000024136	Dnase1l2	165.41	235.36	8.94	43.49	20.26	204.92	0.00	150.98	0.00	78.68	116.85	112.86	30.14	114.84	0.00	111.22	317.57	166.59	133.69	307.95	540.70	244.56	595.23	260.09	125.29
ENSMUSG00000024155	Meiob	0.00	0.00	0.00	98.02	0.00	57.80	12.79	19.32	81.58	152.63	0.00	51.02	0.00	5.22	1.44	0.00	9.34	58.80	37.34	0.00	0.00	0.00	91.37	0.00	155.50
ENSMUSG00000024168	Tmem204	154.19	0.00	0.00	30.37	34.37	101.80	0.00	69.41	95.57	110.92	0.00	13.91	6.96	18.27	0.00	59.38	35.29	101.26	132.48	44.24	0.00	0.00	65.27	0.00	0.00
ENSMUSG00000024169	Ift140	1299.89	545.95	1088.08	1331.59	1038.60	1383.22	1100.39	1069.75	1254.01	782.11	1375.48	2043.14	1177.75	1357.23	1463.95	1465.67	1843.12	1448.15	1818.61	1680.98	894.29	1354.82	1274.00	1364.86	658.90
ENSMUSG00000024172	Slc6gal2	71.02	0.00	883.87	280.26	664.78	507.71	525.69	565.29	0.00	0.00	661.39	1128.64	876.36	472.42	132.10	45.24	0.00	28.31	16.86	0.00	530.01	232.98	412.49	0.00	0.00
ENSMUSG00000024174	Pot1b	108.40	0.00	175.14	510.82	518.07	714.60	375.08	521.64	379.93	220.89	587.31	502.48	315.30	180.09	218.37	37.70	77.83	170.95	191.50	72.31	316.94	186.17	124.44	142.67	210.31
ENSMUSG00000024176	Sox8	221.48	263.30	222.09	117.35	208.70	135.96	51.15	70.12	0.00	0.00	150.45	492.43	282.85	422.83	225.55	236.58	131.80	166.59	315.55	240.75	852.29	480.66	393.34	431.81	286.38
ENSMUSG00000024177	Nme4	19.62	20.42	115.51	98.71	151.62	90.64	13.50	89.44	0.00	247.43	102.34	74.98	55.64	99.18	191.07	54.67	0.00	132.84	0.00	68.91	0.00	20.31	179.27	101.01	35.80
ENSMUSG00000024180	Tmem8	2011.97	1684.06	839.90	1218.38	1292.11	929.37	1029.35	835.76	1087.35	799.17	2042.97	2149.05	1175.43	1915.79	1656.46	1642.87	2649.49	2379.11	2305.18	1956.61	1985.62	1804.18	1373.21	1638.85	2286.57
ENSMUSG00000024184	Pdia2	18.69	0.00	63.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	277.27	0.00	0.00	7.23	0.00	0.00	0.00	0.00	25.25	0.00
ENSMUSG00000024186	Rgs11	229.89	0.00	89.43	80.07	87.16	85.38	262.13	87.30	45.45	271.13	171.84	92.76	37.09	146.16	173.83	234.70	128.69	255.88	175.84	219.48	201.62	154.86	78.32	202.02	251.70
ENSMUSG00000024206	Rfx2	667.23	8.60	336.86	280.95	210.54	463.04	279.18	357.78	466.17	327.06	122.20	400.43	605.10	394.12	162.34	421.32	518.90	566.20	439.60	346.23	546.81	282.64	409.00	650.24	238.28
ENSMUSG00000024223	Armc12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000024233	Lyzl1	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.87	0.00	31.58	42.15	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000024246	Thumpd2	255.12	565.29	122.22	176.72	198.88	53.86	235.14	145.26	141.02	313.79	108.45	148.42	176.20	101.79	0.00	44.30	158.78	101.26	205.95	139.51	164.96	58.39	122.70	237.37	310.99
ENSMUSG00000024252	Abcg8	49.53	0.00	883.87	280.26	664.78	507.71	525.69	565.29	0.00	0.00	117.61	59.52	259.66	216.64	0.00	308.21	31.13	51.18	16.86	0.00	530.01	232.98	412.49	0.00	110.75
ENSMUSG00000024256	Adcyap1	343.89	109.62	0.00	0.00	0.00	21.02	0.00	0.00	0.00	0.00	408.59	704.24	447.45	347.14	1762.77	1121.64	284.36	400.69	226.42	421.10	417.74	226.79	540.41	93.43	106.27
ENSMUSG00000024268	Celf4	146.72	178.40	146.07	63.51	96.37	54.51	14.21	79.43	0.00	54.04	241.34	147.65	99.69	386.29	955.37	252.60	159.82	116.51	205.95	111.44	103.86	0.00	134.88	252.52	192.41
ENSMUSG00000024269	Tpgs2	341.09	556.70	602.91	379.66	294.02	266.00	486.61	379.96	275.04	267.34	386.45	231.91	347.76	600.31	271.53	158.35	399.55	324.47	292.66	423.65	391.78	241.18	717.93	246.21	545.91
ENSMUSG00000024299	Adamts10	1185.88	2801.75	972.56	1289.48	1529.05	1554.64	1110.33	1769.56	1082.69	1655.22	428.45	405.85	180.84	138.33	732.69	708.80	558.33	554.22	613.03	328.37	887.42	772.61	793.64	1353.50	515.71
ENSMUSG00000024301	Kifc5b	466.31	259.00	196.00	250.58	422.93	273.88	222.35	197.49	308.84	555.53	230.65	167.75	252.71	454.15	626.38	327.07	123.50	66.42	68.65	210.12	109.97	128.63	229.74	64.39	57.05
ENSMUSG00000024313	Mep1b	245.77	0.00	0.00	24.16	0.00	0.00	0.00	0.00	0.00	0.00	466.64	361.78	227.20	167.04	0.00	743.67	652.77	734.97	873.17	716.29	162.67	693.91	362.88	781.55	420.62
ENSMUSG00000024334	H2-Oa	1836.29	2189.17	958.40	1339.18	1003.00	1121.15	1393.07	1303.02	960.32	1080.73	3048.04	3651.84	3361.69	2949.37	5703.51	3483.68	2482.40	3442.90	4370.68	3733.72	2911.99	1918.42	3129.32	1914.09	2153.45
ENSMUSG00000024340	Btnl2	393.42	53.74	0.00	15.88	17.80	0.00	73.17	0.00	0.00	0.00	1186.83	854.21	616.70	944.84	1081.80	1132.01	628.90	689.23	678.06	1225.86	915.68	398.58	834.54	176.76	682.39
ENSMUSG00000024350	Dnajc18	827.96	1488.47	728.86	633.00	902.33	1107.36	495.85	598.92	1039.57	1057.03	589.60	497.06	563.37	401.95	0.00	590.98	648.62	414.85	856.31	520.63	1018.01	363.88	387.25	570.69	247.23
ENSMUSG00000024353	Mzb1	0.00	0.00	0.00	25.54	44.20	18.39	0.00	0.00	0.00	142.20	0.00	31.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.80	114.24	32.20	0.00	52.58
ENSMUSG00000024354	Slc23a1	155.13	319.19	0.00	0.00	100.67	26.93	44.04	34.35	0.00	27.49	245.92	51.79	14.92	127.89	0.00	263.91	135.95	41.38	0.00	107.19	61.10	36.39	77.45	127.52	54.82
ENSMUSG00000024366	Gfra3	365.39	349.28	51.42	22.09	19.64	0.00	101.59	52.16	61.77	0.00	986.74	1376.06	1235.71	730.82	821.76	1132.01	722.30	824.25	160.80	431.58	341.13	190.65	547.03	
ENSMUSG00000024376	Epb41l4a	489.68	439.55	209.42	236.77	144.86	194.41	289.84	306.26	235.42	161.16	609.46	779.22	579.60	516.79	1146.45	698.43	684.94	462.76	605.80	671.20	361.23	467.12	374.20	702.00	629.81
ENSMUSG00000024391	Apom	59.81	70.93	0.00	0.00	0.00	17.73	0.00	13.60	0.00	0.00	0.00	14.69	6.96	0.00	0.00	0.00	0.00	0.00	0.00	43.39	53.46	0.00	21.76	13.89	0.00
ENSMUSG00000024397	Aif1	72.89	0.00	81.98	48.32	73.66	50.57	48.31	101.61	117.71	74.89	271.12	89.67	139.10	10.44	966.87	41.47	214.82	115.42	50.58	320.71	241.33	176.86	206.24	284.08	115.22
ENSMUSG00000024399	Ltb	1228.86	1085.45	1483.06	1765.10	1647.52	1410.80	1670.12	1184.95	938.18	1019.11	1241.82	1751.71	1562.61	1965.38	1952.41	1347.85	1442.53	1923.98	1530.76	1669.07	680.46	721.84	1002.50	767.66	619.75
ENSMUSG00000024401	Tnf	245.77	0.00	57.38	116.66	0.00	0.00	180.44	72.27	46.62	0.00	628.55	219.54	363.99	1111.89	278.71	538.20	266.71	533.53	378.17	347.94	792.72	470.51	536.06	347.21	213.67
ENSMUSG00000024402	Lta	242.03	0.00	0.00	0.00	11.66	39.41	0.00	12.16	0.00	0.00	259.67	375.70	194.75	57.42	191.07	469.39	383.98	466.02	472.12	608.25	10.69	354.57	432.50	270.20	176.75
ENSMUSG00000024403	Atp6v1g2	180.36	124.67	77.51	344.46	133.81	208.86	0.00	173.88	223.76	293.88	132.89	175.48	18.55	54.81	485.59	53.73	217.94	250.43	255.33	168.44	126.01	74.47	247.14	161.61	334.48
ENSMUSG00000024424	Ttc39c	398.10	390.12	608.88	345.84	365.23	525.44	514.32	742.74	645.65	764.10	433.80	286.80	287.48	221.86	752.81	480.70	628.90	699.03	297.48	662.69	746.90	577.98	1425.42	680.54	699.17
ENSMUSG00000024430	Cabyr	74.76	117.14	96.88	0.00	26.39	0.00	19.18	44.36	0.00	60.67	101.58	13.91	41.73	44.37	0.00	64.09	83.02	176.39	0.00	17.86	70.26	0.00	2.61	6.31	0.00
ENSMUSG00000024440	Pcdh12	144.85	0.00	0.00	42.11	23.94	8.54	130.00	35.78	0.00	24.65	107.69	158.47	115.92	52.20	464.04	235.64	363.23	562.93	526.31	706.08	114.56	206.48	190.58	390.14	143.19
ENSMUSG00000024462	Gabbr1	1525.10	1343.38	1415.24	2029.48	2776.35	1571.72	1293.61	2407.85	2519.67	2261.95	1412.13	844.93	1024.74	1169.31	326.12	1044.35	1502.73	1576.64	1352.52	1085.49	1477.76	1486.84	909.38	1483.55	950.87
ENSMUSG00000024471	Myot	44.86	0.00	0.00	44.18	0.00	31.53	0.00	0.00	0.00	0.00	387.97	468.46	229.52	315.82	199.30	607.95	174.35	397.43	401.06	205.02	261.19	117.63	273.25	185.60	129.77
ENSMUSG00000024486	Hbegf	232.69	0.00	76.76	62.82	37.44	21.67	190.38	133.09	128.20	264.49	662.92	327.77	500.78	315.82	752.81	246.01	236.62	223.21	221.61	233.94	317.70	798.85	166.21	247.47	356.86
ENSMUSG00000024505	Dtwd2	45.79	104.25	152.03	172.57	38.06	130.05	63.93	108.05	252.90	99.54	0.00	71.12	102.01	232.30	0.00	126.30	38.40	44.64	78.28	146.32	15.27	118.47	111.39	0.00	231.57
ENSMUSG00000024524	Gnal	118.68	0.00	201.96	110.45	255.35	284.39	183.28	271.91	0.00	24.65	310.07	313.08	426.59	344.53	198.26	229.04	183.69	239.54	172.23	165.04	213.84	544.98	373.33	127.52	96.21
ENSMUSG00000024530	Prelid3a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.73	0.00	6.81	0.00	110.01	0.00	0.00
ENSMUSG00000024534	Sncaip	311.19	199.89	1006.10	1056.16	789.38	885.36	981.75	1149.18	1503.41	1336.69	116.09	27.06	55.64	49.59	0.00	96.14	162.93	191.64	180.66	95.28	119.90	287.72	176.66	200.75	384.82
ENSMUSG00000024558	Mapk4	295.30	622.25	332.38	249.20	295.87	65.02	189.67	194.63	0.00	106.18	170.31	443.72	141.42	182.70	142.23	410.95	272.94	498.69	199.93	302.00	366.58	76.16	570.87	146.46	359.09
ENSMUSG00000024598	Fbn2	2397.92	1318.66	2364.70	2509.24	2088.86	1291.92	1293.61	1433.97	671.29	899.66	333.75	552.72	519.32	349.75	238.48	266.74	551.07	557.48	330.00	256.06	604.85	1338.75	472.53	445.70	734.97
ENSMUSG00000024617	Camk2a	779.37	680.29	304.06	560.52	453.62	331.03	274.92	215.38	188.80	271.13	930.22	1524.43	1166.16	957.89	1185.24	1071.68	865.52	1005.00	971.93	1382.38	845.42	1408.14	860.65	633.82	771.89
ENSMUSG00000024619	Cdx1	5776.13	4533.10	2793.22	2471.27	1214.15	549.74	539.18	540.24	305.34	707.21	14352.76	18356.61	17058.86	17054.15	18333.11	13810.28	8611.62	11390.33	10771.95	10791.11	7300.98	5415.91	6807.75	3425.42	5070.96
ENSMUSG00000024666	Tmem138	148.59	482.54	351.02	468.71	398.99	329.06	380.77	347.76	114.21	261.65	255.85	306.90	672.34	814.34	257.16	208.30	383.98	78.40	215.58	284.98	227.58	363.88	256.72	223.48	192.41
ENSMUSG00000024669	Cd5	452.30	365.40	0.00	0.00	76.73	270.60	54.70	62.05	0.00	0.00	369.64	146.10	34.78	52.20	678.10	156.46	312.38	107.79	73.47	91.88	175.65	311.41	258.46	135.10	80.54
ENSMUSG00000024670	Cd6	580.32	20.42	128.93	150.49	0.00	416.41	105.14	93.74	0.00	404.80	126.78	260.51	345.44	522.01	0.00	487.30	605.03	463.84	375.77	286.39	248.20	390.11	732.73	553.02	51.46
ENSMUSG00000024673	Ms4a1	36.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.39	109.77	44.05	49.59	0.00	247.89	234.54	114.33	102.37	127.60	199.33	124.40	0.00	126.26	108.51
ENSMUSG00000024697	Gna14	299.97	1775.41	592.48	951.23	1080.34	1187.49	765.80	1020.38	1442.81	1531.98	36.66	84.26	127.51	164.43	0.00	83.89	198.22	374.56	289.05	253.51	292.50	323.26	429.02	478.52	463.13
ENSMUSG00000024728	1700025F22I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.03	0.00	0.00	0.00	0.00
ENSMUSG00000024729	1700017D01I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.70
ENSMUSG00000024731	Ms4a10	27.10	139.71	26.08	239.53	134.43	94.58	115.79	133.09	308.84	261.65	51.17	83.49	18.55	31.32	307.44	50.90	132.84	90.37	204.74	53.59	133.65	35.54	133.14	164.14	62.65
ENSMUSG00000024736	Tmem132a	1472.77	976.91	2006.98	2405.69	2296.34	2893.85	2495.59	1775.28	2389.14	2612.71	1324.31	1432.44	1231.08	1860.97	1672.26	1443.05	1524.52	2079.68	1747.55	1601.87	1445.69	1626.47	1757.85	1058.05	2135.55
ENSMUSG00000024737	Slc15a3	1648.45	509.41	435.98	514.27	584.98	493.91	433.34	297.67	263.39	612.41	4545.71	4696.22	4928.94	5340.19	5431.98	4251.86	3450.67	3874.08	3656.49	4752.85	2689.75	3380.71	3203.29	2157.77	2788.86
ENSMUSG00000024774	Ankrd22	357.91	427.73	434.48	746.21	558.58	567.47	772.19	701.24	580.39	295.78

ENSMUSG00000025279	Dnase1l3	3092.25	1699.11	523.92	1160.39	670.30	499.17	383.61	686.21	261.06	379.20	7041.58	8103.78	7156.93	6890.56	7681.78	7821.30	5882.22	6362.08	5001.78	7912.35	5921.73	4997.02	6430.07	3787.78	4176.02
ENSMUSG00000025288	49334361014R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.03	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000025317	Car5a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.72	0.00	0.00
ENSMUSG00000025321	Itgb8	1739.10	1157.46	865.24	1275.67	1149.70	894.56	1019.40	787.82	543.09	1086.42	4048.53	5064.19	3908.84	4635.47	2058.72	3808.86	4032.87	4119.07	3557.73	4969.78	6045.45	4229.49	2516.68	3896.36	3724.07	
ENSMUSG00000025359	Pmel	79.43	264.38	76.76	86.29	20.87	31.53	65.36	92.31	0.00	41.71	181.77	319.27	259.66	164.43	466.91	320.47	173.31	123.04	350.47	384.52	51.17	359.65	499.51	217.17	20.14	
ENSMUSG00000025370	Cdh9	120.55	0.00	19.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	439.14	799.32	781.30	506.35	646.49	850.18	393.32	489.98	381.79	346.23	794.25	352.88	221.04	257.57	501.17	
ENSMUSG00000025372	Baiap2	1373.71	1476.64	748.24	1000.24	624.88	647.60	1138.75	1088.35	588.54	625.69	2095.67	1564.63	1838.50	1513.84	2081.71	2686.28	2339.19	2497.79	1790.91	2341.97	1720.62	2259.45	1595.99	2883.76	2552.82	
ENSMUSG00000025384	Faap100	601.82	799.58	759.42	418.32	676.44	693.58	593.17	823.60	828.62	509.08	561.34	338.59	772.03	331.48	252.85	357.23	621.64	761.10	467.30	302.00	549.86	308.03	708.36	263.88	699.17	
ENSMUSG00000025386	Pde6g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.35	0.00	84.83	37.36	7.62	80.69	31.48	0.00	0.00	0.00	30.30	0.00	
ENSMUSG00000025425	St8sia5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.19	40.97	69.55	13.05	0.00	0.00	10.38	68.60	0.00	53.59	0.00	0.00	115.74	36.62	0.00	
ENSMUSG00000025427	Rnf165	217.74	0.00	55.89	75.93	11.05	0.00	72.46	25.04	0.00	57.83	307.78	371.83	577.28	448.93	732.69	732.36	446.25	503.04	450.44	666.95	197.03	423.12	543.89	369.94	484.39	
ENSMUSG00000025429	Pstpip2	784.04	1061.81	988.21	656.53	845.86	645.60	868.80	1001.06	1174.76	620.00	559.81	953.16	1047.92	514.18	362.04	847.36	1134.31	1196.24	977.95	1299.87	690.39	842.85	1359.29	1108.56	966.54	
ENSMUSG00000025431	Crisp1	78.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158.86	426.72	129.83	441.10	370.66	403.41	426.53	240.63	234.85	685.66	346.72	405.35	281.08	205.80	332.25	
ENSMUSG00000025432	Avil	2592.30	2138.66	1672.36	1602.18	1923.13	342.19	300.49	123.07	145.68	674.03	591.89	583.65	581.92	438.49	1672.26	1090.53	4579.79	4813.75	4120.17	5325.37	1382.30	869.08	1079.95	2425.44	1969.99	
ENSMUSG00000025464	Paox	305.58	174.10	321.95	323.06	610.76	333.00	382.90	427.18	701.59	478.74	169.55	69.57	106.65	78.30	204.00	164.95	244.92	482.35	556.42	267.12	116.85	330.03	237.57	388.88	412.79	
ENSMUSG00000025473	Adam8	5832.20	2139.74	2125.47	1716.77	2039.75	1668.92	1703.51	1148.46	2611.74	966.02	11010.68	13028.04	11891.12	14297.92	10013.46	10179.57	12146.34	11437.15	12836.25	12831.08	12614.04	11838.84	9704.71	9110.88	9622.85	
ENSMUSG00000025489	Ifitm5	56.07	0.00	0.00	0.00	12.28	0.00	0.00	38.64	0.00	103.33	0.00	20.10	11.59	15.66	0.00	0.00	0.00	21.78	0.00	48.49	54.99	0.00	0.00	0.00	0.00	
ENSMUSG00000025497	Cdhr5	840.11	146.16	0.75	77.31	99.44	149.75	59.67	36.49	164.33	9.48	1150.94	1354.37	727.98	819.56	1627.73	1153.68	1715.47	1698.59	1493.43	2572.51	1529.69	1649.31	1566.40	1555.52	1458.75	
ENSMUSG00000025500	Lmntd2	523.32	214.94	218.36	251.96	529.73	485.37	230.17	477.27	647.98	615.26	569.74	488.56	693.20	454.15	968.30	859.61	465.97	809.01	962.30	775.84	455.93	368.11	722.28	664.12	540.32	
ENSMUSG00000025519	Tktl2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.33	2.32	0.00	0.00	30.16	0.00	0.00	54.20	0.00	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000025527	Satl1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	170.96	22.62	0.00	21.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000025529	Zfp711	298.10	0.00	576.83	349.98	420.47	304.75	293.39	286.22	489.48	246.48	811.84	1169.61	2158.44	1652.17	603.39	1048.12	624.75	707.74	809.34	879.62	1003.50	605.06	773.63	390.14	608.56	
ENSMUSG00000025537	Pthlg1	30.84	1.07	0.00	0.00	0.00	28.24	34.81	12.04	0.00	43.61	78.66	31.69	30.14	65.25	0.00	67.86	33.21	46.82	0.00	44.24	0.00	0.00	28.72	15.15	0.00	
ENSMUSG00000025551	Fgf14	1372.78	684.59	800.41	783.49	723.70	685.04	1368.20	899.45	0.00	202.87	1338.05	1128.64	1085.02	709.94	524.38	2225.37	2254.09	932.04	940.62	1462.35	1124.93	1223.66	1574.23	1912.83	958.71	
ENSMUSG00000025557	Slc15a1	0.00	54.81	0.00	0.00	39.90	0.00	0.00	51.52	0.00	86.27	100.81	27.06	46.37	49.59	0.00	133.84	111.04	120.86	189.09	227.14	112.26	393.50	98.34	142.67	107.39	
ENSMUSG00000025573	6030468B19I	25.23	0.00	0.00	0.00	0.00	0.00	0.00	20.04	0.00	0.00	433.80	289.12	401.08	229.69	369.22	267.69	248.03	86.02	308.32	374.31	216.89	69.39	57.43	106.06	25.73	
ENSMUSG00000025582	Nptx1	1177.47	2303.09	1230.42	1469.65	1805.27	721.82	470.99	1017.51	855.43	977.40	1956.67	2249.55	1789.81	2064.56	1160.81	1801.22	969.30	1006.09	1327.22	983.41	752.24	867.39	451.65	819.42	598.49	
ENSMUSG00000025586	Cpeb1	537.34	648.05	36.52	254.72	227.12	174.71	245.79	198.92	88.57	372.57	415.47	424.40	363.99	409.78	1304.48	632.45	496.07	84.93	215.58	302.85	785.85	478.12	434.24	604.78	174.51	
ENSMUSG00000025592	Dach2	128.96	52.66	92.41	42.11	213.00	0.00	0.00	40.07	0.00	0.00	145.87	165.43	46.37	86.13	254.29	122.53	210.67	112.15	0.00	153.13	0.00	365.57	147.07	26.51	170.04	
ENSMUSG00000025645	Ccdc51	369.13	403.01	330.89	86.98	175.56	250.24	497.98	316.99	575.73	500.55	307.02	258.97	215.61	39.15	0.00	246.95	121.42	227.57	584.12	137.81	273.40	152.32	294.14	198.23	236.04	
ENSMUSG00000025652	Tmem89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	111.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000025656	Arhgef9	486.87	247.18	257.86	529.46	267.02	329.71	139.24	202.50	215.61	352.66	1435.05	1478.05	2441.28	1921.01	666.61	1488.29	955.81	1516.75	1269.41	1091.45	775.16	1645.93	1024.25	749.98	1167.90	
ENSMUSG00000025665	Rps6ka6	402.77	844.72	1215.51	1049.26	1307.46	618.05	604.54	760.63	121.21	379.20	1926.12	1360.55	1337.72	1519.06	0.00	608.89	322.75	244.99	186.68	479.79	495.64	1113.65	855.43	287.87	260.65	
ENSMUSG00000025701	Alox5	654.15	420.21	751.22	721.36	815.17	413.78	558.36	323.43	230.76	886.39	129.07	136.06	347.76	172.26	619.20	545.74	1483.01	1457.95	1141.75	2216.92	275.70	374.88	433.37	566.90	812.16	
ENSMUSG00000025723	Nmb	274.74	257.93	0.00	32.44	59.54	0.00	50.44	28.62	0.00	0.00	321.53	343.23	173.88	274.06	341.92	411.90	217.94	205.79	496.20	252.66	366.58	190.40	205.37	319.44	16.78	
ENSMUSG00000025735	Rhbdl1	0.00	99.95	41.73	30.37	25.78	36.30	0.00	9.30	0.00	0.00	34.37	21.65	0.00	0.00	0.00	0.00	26.32	0.00	6.02	62.95	20.62	36.39	0.00	0.00	0.00	
ENSMUSG00000025738	Fbxl16	185.03	93.50	36.52	83.53	100.05	17.73	84.54	14.31	86.24	59.72	362.77	195.58	322.26	109.62	84.76	154.58	126.61	213.41	581.71	191.41	52.70	142.17	67.01	143.94	163.33	
ENSMUSG00000025739	Gng13	10.28	282.65	81.98	58.68	47.88	0.00	59.67	19.32	0.00	0.00	102.34	17.01	27.82	20.88	0.00	145.15	111.04	28.31	121.64	146.32	46.59	150.63	98.34	21.46	138.72	
ENSMUSG00000025762	Larp1b	602.75	927.47	620.80	788.32	693.01	834.79	1032.90	659.02	631.67	529.94	982.16	520.26	823.04	970.94	1100.48	480.70	893.54	743.68	1070.69	1313.48	830.91	1551.15	1358.42	771.44	931.86	
ENSMUSG00000025774	Crisp4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.21	0.00	40.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000025776	Crispld1	98.12	0.00	0.00	24.85	46.04	0.00	0.00	0.00	0.00	0.00	248.21	138.37	248.07	135.72	613.45	225.27	307.19	176.39	415.51	326.67	132.88	330.03	271.51	289.13	252.82	
ENSMUSG00000025782	Taf3	810.21	859.76	494.85	898.77	426.00	623.96	661.37	473.70	790.17	875.01	521.63	565.87	382.54	321.04	613.45	894.48	609.19	630.44	419.12	633.77	585.76	600.83	424.67	664.12	745.04	
ENSMUSG00000025787	Tgm4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.74	0.00	0.00	135.94	57.98	48.69	83.52	110.62	29.22	68.49	164.41	9.64	72.31	55.75	0.00	0.00	0.00	0.00	
ENSMUSG00000025808	Ccdc7a	55.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	312.93	48.78	90.37	36.13	18.72	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000025815	Dhtkd1	11.21	41.91	190.79	123.56	41.74	0.00	64.65	36.49	0.00	101.44	158.86	102.04	67.23	182.70	347.67	76.35	50.85	150.26	110.80	114.84	210.02	131.17	0.00	171.71	6.71	
ENSMUSG00000025867	Cplx2	827.96	1134.89	1342.21	1082.39	1103.05	1430.51	1280.12	923.06	1271.49	2858.25	468.93	762.99	730.30	1101.45	334.74	1126.35	1200.73	1229.30	805.73	934.07	597.98	1253.28	596.97	1184.31	1246.20	
ENSMUSG00000025875	Tspan17	356.98	239.66	108.81	176.03	245.85	222.00	109.40	193.20	447.53	52.14	330.69	326.22	470.64	409.78	466.91	460.91	300.96	415.94	395.04	477.24	549.86	275.18	562.16	276.51	201.36	
ENSMUSG00000025876	Unc5a	438.28	0.00	318.97	323.75	515.62	210.83	210.98	221.11	148.01	66.36	749.98	582.10	394.13	733.43	297.39	709.74	365.30	418.11	933.39	660.99	575.07	524.67	338.52	380.04	25.73	
ENSMUSG00000025877	Hk3	78.50	0.00	0.00	0.00	0.00	22.99	0.00	0.00	0.00	0.00	103.87	74.21	34.78	13.05	193.95	127.24	84.06	149.17	0.00	97.83	229.11	99.86	0.00	53.03	13.42	
ENSMUSG00000025912	Mybl1	276.61	84.90	467.28	445.24	312.44	246.30	183.28	211.80	177.15	392.48	457.47	211.04	649.15	670.79	330.43	321.41	371.53	262.41	301.09	370.05	401.71	162.48	371.58	111.11	191.29	
ENSMUSG00000025916	Ppp1r42	0.00	0.00	0.00	0.00	0.00	0.00	25.57	0.00	0.00	0.00	74.08	21.65	0.00	0.00	0.00	0.00	0.00	29.40	62.63	48.49	0.00	0.00	0.00	85.86	0.00	
ENSMUSG00000025921	Rdh10	989.63	1926.94	2463.82	1763.71	2320.89	1299.80	1070.55	2242.54	1798.27	1834.40	1636.67	1615.65	1845.45	1860.97	1935.17	1668.32	782.50	1035.48	1648.79	1098.25	1444.92	1505.45	2189.48	1419.16	1123.15	
ENSMUSG00000025927	Tfap2b	1018.60	239.66	0.00	0.69	33.76	42.69	132.84	68.69	0.00	0.00	5349.92	6597.90	6241.16	4069.09	3338.78	5109.58	3994.47	4664.58	5167.98	6559.74	3642.09	3143.77	2972.68	1862.33	1997.96	
ENSMUSG00000025930	Msc	2561.46	3404.66	1973.44	2449.87	2528.36	2855.76	2026.02	2252.56	2525.50	2640.21	1509.13	2133.59	2529.38	1398.99	3962.29	2211.23	1855.58	2672.01	2691.78	2314.75	1428.12	1220.27	1722.17	2027.73	1232.78	
ENSMUSG00000025931	Paqr8	207.46	105.32	325.68	572.26	233.87	300.16	137.10	447.94	554.75	242.69	101.58	119.05	164.61	91.35	0.00	183.80	295.77	280.92	162.59	313.06	370.39	387.58	500.38	316.91	359.09	
ENSMUSG00000025933	Tmem14a	153.26	93.50	56.64	87.67	28.85	106.40	110.82	67.98	0.00	178.23	297.85	106.68	294.44	125.28	403.70	245.06	357.00	137.19	65.04	273.07	74.84	379.11	107.04	217.17	156.61	
ENSMUSG00000025937	Lactb2	813.95	411.61	608.13	439.72	798.59	409.19	483.77	520.21	326.32	628.53	360.48	364.87	389.49	563.77	1262.82	784.20	729.57	538.97	440.80	491.70	555.21	533.13	558.68	1018.91	718.19	
ENSMUSG00000025945	Crygf	12.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.78	0.00	82.48	0.00	13.91	65.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000025955	Akr1cl	56.07	194.82	44.72	0.00	11.05	87.35	0.00	0.00	0.00	0.00	186.35	279.07	245.75	281.89	571.79	451.48	85.25	354.06	272.19	188.86	94.70	169.25	224.52	220.95	88.38	
ENSMUSG00000025977	Boll	59.81	85.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.39	32.46	20.88	0.00	38.64	34.25	20.69	0.00	30.63	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000025983	Ccdc150	0.00	0.00	0.00	11.04	31.31	0.66	0.00	14.31	0.00	0.00	73.32	59.52	60.28	0.00	0.00	25.45	183.69	206.88	50.58	65.50	83.24	11.85	0.00	55.55	0.00	
ENSMUSG00000026009	Icos	41.12	0.00	0.00	0.00	0.61	0.00	20.60	17.17	0.00	0.00	119.14	36.33	141.42	307.99	0.00	31.10	30.10	0.00	97.55	0.00	50.40	55.01	0.00	0.00	0.00	
ENSMUSG00000026011	Ctla4	40.18	0.00	0.00	0.00	0.00	0.00	0.00	13.60	0.00	0.00	110.74	49.47	53.32	253.18	0.00	0.00	0.00	63.15	158.98	0.85	0.00	167.55	0.00	97.22	0.00	
ENSMUSG00000026012	Cd28	0.00	0.00	43.97	82.15	123.38	634.47	152.73	220.39	0.00	8.53	126.02	25.51	213.29	297.55	0.00	22.62	0.00	0.00	0.00	57.00	151.98	291.95	180.14	20.20	77.19	
ENSMUSG00000026014	Raph1	2018.51	2329.96	1820.66	3182.28	2610.62	1704.39	1886.08	2880.10	2179.36	1814.49	1218.15	1425.49	1785.18	1610.41	856.24	1056.60	1265.07	1249.99	1301.93	1091.45	1743.53	1762.71	2454.03	2241.10	1686.96	
ENSMUSG00000026017	Carf	215.87	428.81	234.01	151.87	491.06	325.77	556.94	325.58	383.43	312.84	281.05	160.02	99.69	198.36	229.86	246.01	377.76	463.84	127.66	176.95	262.71	712.53	198.41	391.40	228.21	
ENSMUSG00000026024	Als2	1230.73	821.07	748.98	419.70	561.65	1050.22	728.86	650.44	468.51	656.97	608.69	660.95	1432.78	605.53	833.26	968.94	1009.77	1045.28	887.63	866.86	1241.78	642.29	555.20	842.15	765.17	
ENSMUSG00000026058	Khdrbs2	204.65	569.59	865.24	664.07	385.48	591.78	161.26	526.65	242.41	553.64	287.93	244.28	215.61	120.06	1.44	163.06	42.55	233.01	437.19	96.98	211.55	163.32	175.78	152.77	172.28	
ENSMUSG00000026062	Slc9a2	1626.03	1823.77	2072.56	1961.83	2516.09	2856.42	2798.21	1986.37	2547.64	2347.27	2415.67	2126.63	1757.35	1675.66	1642.09	1801.22	1795.38	2388.91	1912.55	2587.82	1888.63	2718.11	1782.21	1910.30	2276.51	
ENSMUSG00000026063	Pih1d3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000026067	Rtbdn	94.38	0.00	0.00	0.00	12.28	104.43	0.00	11.45	0.00	0.00	38.95	118.28	69.55	36.54	70.40	0.00	126.61	77.31	97.05	117.40	460.51	293.64	133.14	131.31	192.41	
ENSMUSG00000026069	Il1rl1	49.53	0.00	0.00	0.00	0.00	0.00	41.20	21.47	0.00	0.00	660.63	756.81	679.29	689.06	229.86	959.52	336.25	336.45	763.57	662.69	261.19	380.81	388.99	147.72	231.57	
ENSMUSG00000026070	Il18r1	1150.37	1430.43	975.54	751.74	697.92	2071.54	1304.27	1373.14	2785.39	2869.62	4051.58	3720.64	3412.70	3539.24	3554.28	4343.28	4046.36	4545.90	5023.46	5134.82	3441.23	4022.16	3299.01	3515.06	4585.45	
ENSMUSG00000026073	Il1r2	1111.12	770.56	723.64	809.72	673.98	445.97	710.39	538.81	517.45	446.51	2190.37	1921.00	1249.62	1748.74	1933.73	1811.59	530.31	1464.49	1900.51	1349.21	874.44	1577.38	878.05	367.41	1230.54	
ENSMUSG00000026109	Tmeff2	79.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.98	68.80	32.46	23.49	209.75	40.53	53.97	1.09	115.62	0.00	0.00	0.00	0.00	39.14	0.00	
ENSMUSG00000026117	Zap70	345.76	323.49	63.35	0.00	0.00	172.74	22.73	95.17	0.00	272.08	246.68	115.96	122.88	146.16	0.00	319.53	206.52	125.22	71.06	182.05	212.31	162.48	183.62	174.24	36.92	
ENSMUSG00000026121	Sema4c	7097.51	9636.87	10493.22	9724.25	12662.07	9616.19	8691.58	10581.58	8653.36	8313.09	3979.03	3354.22	4006.21	4964.34	2485.41	2771.11	3692.47	4780.00	5880.97	4228.82	5428.38	6159.75	6058.49	4424.13	7147.22	
ENSMUSG00000026141	Col19a1	723.30	826.45	336.86	501.85	1117.78	333.65	265.68	501.60	512.79	238.90	582.73	844.16	867.09	845.66	590.46	503.32	499.18	1177.03	927.37	542.75	782.03	585.60	529.97	491.15	353.50	
ENSMUSG00000026149	Tm4sf20	39.25	0.00	0.00	0.00	0.00	44.66	0.00	0.00	0.00	0.00	22.91	27.06	25.50	23.49	0.00	173.43	48.78	154.61	172.23	57.85	250.49	231.02	179.27	131.31	202.48	
ENSMUSG00000026167	Wnt10a	1241.01	629.78	1021.00	980.23	673.98	968.12	713.94	427.18	472.00	513.82	2396.58	3065.10	2369.41	2435.19	1790.07	1464.73	1570.18	1702.94	2542.44	1894.51	1035.58	1754.25	1417.59	1021.44	1601.94	
ENSMUSG00000026170	Cyp27a1	510.24	0.00	101.35	22.78	247.37	134.64	85.25	68.69	0.00	88.16	1273.90	807.83	663.07	456.76	1517.10	466.56	835.42	789.41	462.48	997.87	706.42	823.39	314.15	209.59	445.23	
ENSMUSG00000026173	Plod4	258.86	98.87	0.00	31.75	0.00	0.00	106.56	22.90	0.00	0.00	294.80	180.89	199.38	245.35	0.00	461.85	496.07	99.08	60.22	193.96	156.56	16.08	199.28	174.24	74.95	
ENSMUSG00000026175	Vit1	256.05	135.41	44.72	40.04	114.79	43.35	0.00	30.77	0.00	114.71	531.56	469.24	563.37	751.70	2608.96	895.43	771.08	1138.92	922.55	1178.22	1205.12	602.52	944.19	1227.24	731.61	
ENSMUSG00000026189	Pecr	260.72	582.49	150.54	352.74	300.16	231.19	502.24	270.48	209.78	343.18	345.97	232.69	197.06	41.76	251.41	100.85	393.32	298.34	354.09	300.30	254.31	29.62	96.59	292.92	310.99	
ENSMUSG00000026204	Ptpm	176.62	0.00	32.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	892.80	480.83	554.10	535.06	1012.84	630.57	482.57	420.29	452.85	427.90	236.75	374.04	269.77	199.49	163.33	
ENSMUSG00000026205	Slc23a3	246.71	0.00	64.09	4.83	49.72	91.95	24.15	0.00	15.15	0.00	222.25	74.21	141.42	221.86	775.79	226.21	218.97	101.26	289.05	330.07	243.62	284.34	47.86	169.19	173.39	
ENSMUSG00000026207	Speg	1460.62	1455.15	2009.21	1435.82	2583.61	2461.02	1694.27	1644.34	1741.16	2298.92	1574.81	907.55	707.11	1143.21	405.14	1166.88	925.71	1324.03	580.51	964.69	600.27	1084.03	1085.17	829.52	972.13	
ENSMUSG00000026220	Slc16a14	35.51	117.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.48	0.00	16.23	18.27	0.00	0.00	0.00	90.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000026222	Sp100	2688.55	4516.98	2783.54	3680.68	2763.46	4810.39	3465.98	4491.52	8514.67	7082.58	1306.74	1670.54	1771.26	1631.29	3429.29	2949.25	2697.23	2626.28	3009.74	2398.12	3052.51	3181.00	2796.89	3372.39	4812.54	
ENSMUSG00000026226	Spata3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ENSMUSG00000026768	Itga8	694.33	696.41	1262.47	1960.45	1494.06	1146.77	1381.70	1358.12	1452.13	827.61	1225.78	1709.96	1182.39	1195.41	726.95	1178.19	671.45	603.22	625.07	467.03	469.68	547.51	353.31	459.58	375.88
ENSMUSG00000026770	Il2ra	5575.21	5722.80	8203.79	9785.68	9334.50	6836.61	6794.85	9499.67	6853.93	7037.07	3067.13	4271.05	3120.58	3210.38	2074.53	2584.48	2935.92	3199.00	3161.49	3054.86	3269.40	3579.58	4011.72	3435.52	4365.07
ENSMUSG00000026786	Apbb1ip	401.83	223.54	235.50	169.81	195.20	161.57	220.22	345.61	94.40	268.29	546.07	359.46	243.43	394.12	711.14	573.07	441.06	432.27	334.82	361.55	445.24	484.05	576.96	349.74	332.25
ENSMUSG00000026787	Gad2	0.00	0.00	0.00	35.90	0.00	0.00	0.00	0.00	0.00	0.00	16.04	74.98	53.32	15.66	1.44	17.91	0.00	41.38	16.86	0.00	0.00	0.00	62.66	0.00	0.00
ENSMUSG00000026792	Lrsam1	417.72	437.40	557.45	370.00	668.46	575.36	443.99	505.90	724.90	678.77	601.05	793.14	739.57	639.47	0.00	845.47	747.21	694.68	670.84	700.12	707.95	336.80	290.65	630.03	979.96
ENSMUSG00000026797	Stxbp1	2019.45	1805.50	1485.30	1254.27	1199.42	1439.70	1157.93	1316.62	853.10	815.29	2148.37	2002.95	3150.72	2949.37	1732.60	2441.21	2370.32	1908.73	2355.76	2710.33	2057.41	1713.63	1609.91	1917.88	2553.94
ENSMUSG00000026809	Spaca9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.28	4.64	0.00	0.00	0.00	87.17	0.00	118.03	0.00	0.00	115.93	112.26	77.02	0.00
ENSMUSG00000026811	St6galnac6	0.00	0.00	23.85	26.23	0.00	0.00	26.99	0.00	0.00	0.00	48.88	23.96	169.24	20.88	0.00	0.00	111.04	199.26	103.58	166.74	111.50	27.08	0.00	84.59	66.00
ENSMUSG00000026815	Gfi1b	1.87	0.00	0.00	24.85	0.00	0.00	0.00	17.17	0.00	137.46	152.75	148.42	171.56	99.18	408.01	199.82	408.89	279.83	391.42	452.57	209.25	39.77	342.87	377.52	215.90
ENSMUSG00000026824	Kcnj3	117.75	98.87	0.00	0.00	24.55	0.00	115.08	26.48	0.00	100.49	300.15	559.68	438.18	386.29	1209.66	746.50	740.99	589.06	1035.76	798.81	287.15	219.18	206.24	251.26	525.78
ENSMUSG00000026828	Galnt5	83.17	304.14	330.89	258.86	295.87	327.09	245.08	336.31	343.80	472.11	494.13	176.25	210.98	208.80	0.00	135.73	249.07	47.91	269.78	162.48	491.06	260.64	203.63	646.45	907.25
ENSMUSG00000026834	Acvr1c	541.07	0.00	61.86	205.02	141.18	54.51	0.00	148.83	0.00	0.00	448.31	731.30	785.94	926.57	823.20	525.94	380.87	372.38	286.64	476.39	239.04	366.42	91.37	45.45	246.11
ENSMUSG00000026856	Dolpp1	522.38	260.08	298.85	418.32	346.81	380.94	282.73	426.47	298.35	466.42	486.50	593.69	498.46	401.95	623.51	374.19	215.86	261.32	315.55	415.14	760.65	463.74	288.91	374.99	259.53
ENSMUSG00000026866	Kynu	2010.10	1299.32	525.41	642.67	363.39	212.80	112.95	173.88	0.00	124.19	2776.15	3556.76	3908.84	3390.47	6262.36	3407.33	2216.73	2906.11	3100.07	2356.43	1542.67	1387.83	1390.61	1352.24	587.30
ENSMUSG00000026870	Cutal	171.95	51.59	58.88	0.00	36.22	0.00	0.00	39.36	263.39	34.13	288.69	204.08	81.14	91.35	216.93	184.74	197.18	621.73	138.50	324.97	314.64	511.13	504.73	546.70	474.32
ENSMUSG00000026874	Hc	77.56	105.32	52.91	105.62	0.00	0.00	0.00	7.87	102.56	64.46	283.34	226.50	51.01	294.94	214.06	311.99	410.97	78.40	350.47	186.30	242.86	95.62	0.87	133.83	46.98
ENSMUSG00000026875	Traf1	2154.02	1282.12	736.31	646.12	939.16	1577.63	986.02	1458.29	1088.52	1248.53	2620.35	2367.82	2923.51	2380.38	3103.17	2913.43	2715.91	3705.31	3330.10	3657.15	2861.59	1889.65	2909.15	2833.26	2673.64
ENSMUSG00000026885	Ttll11	0.00	54.81	0.00	33.82	59.54	0.00	190.38	26.48	0.00	239.85	102.34	132.19	155.33	167.04	198.26	0.00	183.69	139.37	0.00	158.23	17.57	38.08	13.92	161.61	40.27
ENSMUSG00000026904	Slc4a10	115.88	123.59	78.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	391.79	610.70	630.61	245.35	903.65	545.74	448.33	254.79	563.65	420.25	403.23	555.98	197.54	385.09	683.51
ENSMUSG00000026931	1700019N19I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.33	0.00	0.00	0.00	19.79	71.61	0.00	0.00	16.16	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000026943	Lcn12	55.14	75.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.62	15.46	64.92	0.00	0.00	79.17	2.08	87.11	57.81	91.02	0.00	50.77	44.38	6.31	49.22
ENSMUSG00000026944	Abca2	1434.45	1908.67	1068.70	1501.40	1378.66	2030.16	1256.67	1350.96	1896.16	2440.18	1968.89	1847.57	2214.08	1829.65	626.38	1520.34	2499.01	2593.61	2194.37	2425.34	2423.22	1995.42	1756.11	1821.92	2838.08
ENSMUSG00000026955	Sapcd2	281.28	146.16	204.20	182.24	338.83	390.80	646.45	348.47	118.87	165.90	248.21	262.06	440.50	208.80	0.00	138.56	155.67	209.06	334.82	191.41	58.04	191.25	228.00	251.26	180.11
ENSMUSG00000026961	Lnc26	60.74	182.70	0.00	0.00	0.00	70.93	174.76	81.57	216.77	105.23	471.98	307.67	155.33	245.35	120.68	311.99	139.06	493.24	317.96	142.07	527.72	135.40	396.82	364.89	219.26
ENSMUSG00000026963	Tmem210	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.79	0.00	0.00	5.22	21.55	33.93	31.13	50.09	62.63	74.01	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000026969	Fam166a	35.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61	0.00	0.00	0.00	45.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000026971	Itgb6	168.21	0.00	143.09	7.59	160.21	15.11	23.44	18.60	0.00	104.28	305.49	221.09	486.87	472.42	71.83	368.54	73.68	180.75	631.09	449.17	407.05	321.57	234.09	476.00	52.58
ENSMUSG00000026981	Il1m	1322.31	750.14	2144.85	1792.71	1399.53	2623.25	2441.60	3165.60	2808.70	2212.65	3762.89	4651.38	3447.47	4082.14	5439.16	4059.58	3325.09	3338.38	2685.76	4256.04	5031.26	4638.22	3599.24	3887.53	5376.36
ENSMUSG00000027015	Cybrd1	658.82	77.38	105.83	401.75	237.55	369.78	175.47	244.72	68.76	125.14	1726.03	1662.81	1690.12	1286.76	902.22	1714.50	1004.58	893.94	885.22	1352.61	1394.52	908.01	743.17	911.59	295.33
ENSMUSG00000027016	Zfp385b	258.86	35.47	114.77	240.91	116.01	107.71	121.48	255.45	229.59	91.01	0.00	116.73	192.43	18.27	0.00	98.03	0.00	104.53	0.00	48.49	38.19	0.00	285.43	154.04	295.33
ENSMUSG00000027048	Abcb11	103.73	0.00	0.00	0.00	0.00	0.00	14.31	0.00	0.00	0.00	373.46	230.37	424.27	70.47	673.79	210.19	182.65	169.86	109.60	75.71	5.35	164.17	111.39	65.65	51.46
ENSMUSG00000027071	P2rx3	86.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.07	47.40	610.98	678.73	384.86	461.98	774.36	639.05	653.81	336.45	587.74	525.73	354.36	316.49	475.14	434.33	390.42
ENSMUSG00000027072	Prg3	190.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	362.01	415.90	204.02	618.58	1481.19	524.06	293.70	104.53	487.77	391.32	313.88	356.27	60.92	136.36	24.61
ENSMUSG00000027073	Prg2	446.69	404.09	0.00	0.00	22.71	23.64	0.00	6.44	0.00	0.00	1832.19	1639.62	1810.68	1221.51	1708.18	2468.55	1440.46	1503.68	1887.26	1791.57	1420.48	1966.65	1141.73	874.98	1541.54
ENSMUSG00000027075	Slc43a1	430.80	239.66	792.95	583.99	470.19	604.91	355.19	502.32	1016.26	416.18	460.53	400.43	438.18	461.98	0.00	777.61	727.49	550.95	579.31	749.47	535.35	401.96	615.25	571.95	313.23
ENSMUSG00000027077	Smtnl1	521.45	0.00	0.00	0.69	0.00	22.33	0.00	0.00	0.00	0.00	727.83	531.85	737.25	441.10	1791.50	1015.13	1016.00	862.36	1609.05	1239.47	730.10	662.60	590.01	972.22	1247.32
ENSMUSG00000027078	Ube2l6	1225.13	3532.55	1645.53	1654.65	1036.76	2446.57	2160.29	2061.51	2130.42	2027.79	1554.19	1723.88	1268.17	1425.09	2453.80	2005.75	1417.63	1650.68	2030.58	1967.67	2216.26	2491.32	3171.96	1534.05	2565.12
ENSMUSG00000027088	Phospho2	527.06	298.77	553.73	727.58	592.35	691.61	747.33	560.99	763.36	484.43	1051.65	1094.62	932.00	566.38	1239.83	1248.88	730.61	594.51	851.49	688.22	604.09	733.69	858.04	656.55	529.13
ENSMUSG00000027107	Chma1	107.47	0.00	32.05	177.41	123.38	0.66	0.00	11.45	73.42	0.95	1020.34	752.17	723.34	542.89	1159.38	705.03	530.31	828.61	345.66	356.44	402.47	467.97	754.48	255.04	531.37
ENSMUSG00000027115	Kif18a	440.15	488.99	640.92	240.22	394.08	229.88	404.92	446.50	226.09	623.79	437.62	284.48	391.81	464.59	0.00	229.04	136.99	321.21	183.07	142.92	191.69	438.35	196.67	184.34	346.79
ENSMUSG00000027120	Fshb	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.71	0.00	65.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.99	0.00
ENSMUSG00000027157	4930430A15I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.03	0.00	0.00	0.00	66.92	0.00
ENSMUSG00000027167	Elp4	331.75	841.49	612.60	662.69	398.38	569.44	982.46	573.16	271.55	508.13	237.52	474.65	319.94	506.35	446.80	362.88	281.24	346.25	0.00	204.17	464.33	521.28	128.79	850.99	415.03
ENSMUSG00000027171	Prrg4	490.61	552.40	948.71	929.14	896.19	812.46	733.12	893.72	989.45	1076.94	338.33	339.36	375.58	300.16	455.42	187.57	360.11	351.69	260.15	363.25	908.80	995.17	475.14	747.46	1030.30
ENSMUSG00000027188	Pamr1	798.06	41.91	140.85	231.94	291.57	93.27	170.49	60.11	0.00	119.45	1765.74	1427.03	1173.12	1552.99	2404.95	2459.12	2634.96	2202.72	2652.04	2181.19	1850.45	1252.43	1208.74	1847.17	1680.25
ENSMUSG00000027202	Slc12a1	66.35	0.00	0.00	0.00	0.00	0.00	75.30	16.46	0.00	0.00	312.37	182.44	176.20	96.57	310.32	427.92	269.83	118.68	71.06	180.35	219.95	22.85	171.43	125.00	60.41
ENSMUSG00000027219	Slc28a2	918.61	58.03	23.10	33.82	155.91	85.38	115.08	87.30	0.00	27.49	2295.77	1590.92	2102.80	1495.57	628.38	1465.67	1623.11	1481.91	2223.73	1693.89	918.85	1002.50	1176.74	1035.89	
ENSMUSG00000027220	Syt13	588.73	347.13	376.35	330.65	209.32	605.57	360.17	685.50	351.96	223.73	894.33	696.51	670.02	743.87	1248.45	1111.27	1117.70	1161.79	1136.93	1627.39	670.53	1018.87	638.74	1015.13	1320.04
ENSMUSG00000027223	Mapk8ip1	2812.84	2499.76	2050.95	1689.85	2950.06	2732.28	2127.61	2228.94	2823.85	2484.73	2115.53	1769.49	1857.05	1607.80	2297.21	2089.64	1704.06	1713.83	1454.89	1846.87	1185.26	1342.98	1329.70	1568.14	1198.10
ENSMUSG00000027224	Duoxa1	73.83	0.00	129.67	153.25	125.84	404.59	267.11	165.29	198.12	216.15	29.79	63.39	2.32	13.05	0.00	104.62	73.68	205.79	210.77	102.93	240.57	187.02	238.44	308.07	303.16
ENSMUSG00000027238	Frmd5	300.91	0.00	146.07	91.12	90.23	0.00	0.00	17.17	0.00	112.81	362.77	345.55	619.02	321.04	985.54	615.49	320.68	646.77	470.91	336.03	519.32	417.19	152.29	122.47	306.52
ENSMUSG00000027242	Wdr76	434.54	703.93	493.36	586.06	932.41	609.51	581.10	703.39	158.50	388.68	321.53	698.83	827.67	503.74	129.30	669.21	374.64	703.39	293.87	574.22	426.14	502.66	1208.74	349.74	623.10
ENSMUSG00000027246	Ell3	0.00	0.00	0.00	0.00	6.14	0.00	0.00	45.08	0.00	0.00	74.85	32.47	0.00	0.00	0.00	0.94	79.91	0.00	101.17	16.16	0.00	55.01	17.40	0.00	0.00
ENSMUSG00000027249	F2	117.75	0.00	28.32	73.86	42.97	0.00	0.00	0.00	0.00	0.00	512.46	285.25	380.22	159.21	1662.21	531.60	191.99	224.30	658.79	368.35	235.98	474.74	115.74	255.04	34.68
ENSMUSG00000027253	Lrp4	6184.50	4925.37	7798.37	5839.24	7602.28	5840.25	4741.83	5841.05	5257.28	6379.16	5188.77	5826.40	5309.16	4930.41	4041.30	4863.57	5458.80	5526.94	6019.48	5213.08	5167.96	4329.34	4320.65	4169.08	4075.34
ENSMUSG00000027254	Map1a	774.70	507.26	265.31	300.28	300.16	56.48	0.00	37.92	0.00	226.57	1640.49	2207.80	1648.39	1276.32	1172.31	1768.23	2508.35	1366.49	1651.20	2341.12	672.06	709.99	466.44	902.75	604.08
ENSMUSG00000027257	Pacsin3	840.11	945.74	467.28	309.94	543.85	577.98	367.27	684.78	720.24	1014.37	2292.71	1661.26	1838.50	1461.63	1734.04	2073.62	1912.65	1904.38	1159.81	1954.91	1419.72	1691.63	1281.84	1114.87	1435.26
ENSMUSG00000027297	Lik	113.07	181.62	0.00	40.04	49.11	19.05	0.71	0.00	0.00	0.00	226.06	313.85	398.77	104.40	321.81	319.53	280.20	204.70	217.99	454.27	194.74	235.25	356.79	116.16	127.53
ENSMUSG00000027298	Tyro3	456.97	219.24	138.62	403.83	327.17	465.61	274.37	422.18	323.99	706.27	355.13	351.73	415.00	234.91	0.00	315.76	334.17	381.09	507.02	558.91	719.41	380.81	620.47	614.67	812.16
ENSMUSG00000027314	Dll4	2095.14	2485.79	825.74	924.31	530.35	1839.04	1999.03	976.73	544.26	273.97	1616.81	1165.74	1618.25	1255.44	1111.97	3245.21	3135.18	1380.65	1795.73	2126.75	1830.59	1464.83	2979.64	3532.74	1019.11
ENSMUSG00000027316	Gfra4	564.44	1238.06	1347.42	1516.59	1740.21	1873.85	1382.41	1484.77	1212.05	1402.11	96.23	269.02	92.74	130.50	0.00	381.73	349.74	461.67	480.55	332.62	195.51	187.02	465.57	709.58	734.97
ENSMUSG00000027317	Ppp1r14d	0.00	0.00	0.00	0.00	0.00	2.63	0.00	52.24	164.33	0.00	216.14	14.69	146.06	75.69	0.00	34.87	186.80	79.49	197.52	151.42	171.83	204.79	256.72	112.37	233.80
ENSMUSG00000027318	Adam33	179.42	0.00	64.84	138.75	143.02	176.02	122.90	280.50	301.85	108.07	568.21	457.64	925.05	294.94	451.11	535.37	600.88	580.35	567.26	295.19	78.66	365.57	6.96	151.51	137.60
ENSMUSG00000027324	Rpusd2	28.03	235.36	43.97	17.95	77.34	177.99	54.70	110.19	244.74	60.67	135.94	0.00	83.46	125.28	0.00	50.90	44.63	155.70	270.98	87.62	162.67	0.00	0.00	148.99	209.19
ENSMUSG00000027326	Knl1	1048.51	926.39	1083.60	932.59	1458.46	740.21	1324.16	969.57	1048.89	716.70	1017.29	967.07	857.81	840.44	735.57	642.82	391.25	631.53	637.12	745.21	594.92	1121.26	547.37	565.64	402.72
ENSMUSG00000027329	Spef1	417.72	213.87	458.33	564.66	1104.89	519.53	600.99	465.82	518.62	614.31	82.48	242.73	570.33	809.12	0.00	431.69	286.43	597.77	425.15	546.15	273.40	440.89	367.23	401.50	619.75
ENSMUSG00000027330	Cdc25b	1539.12	2228.94	1527.78	1484.83	2297.56	2399.28	1513.83	1816.07	1744.66	1042.81	1292.23	1281.70	1122.11	1190.19	293.08	738.02	1994.64	1702.94	1476.57	1263.29	1381.53	1365.83	1845.74	1662.84	1633.27
ENSMUSG00000027333	Smox	1269.05	745.84	756.44	824.22	1169.34	1251.20	1046.40	988.18	1355.40	1647.64	1282.30	945.43	943.59	916.13	1038.70	1457.19	1263.00	1683.34	2318.43	1669.07	2514.10	2190.91	1887.51	1921.67	2409.63
ENSMUSG00000027344	Fsip1	0.00	0.00	0.00	14.50	0.00	0.00	0.00	23.61	0.00	0.00	53.46	71.12	60.28	57.42	0.00	39.59	24.91	181.84	202.34	93.58	0.00	0.00	44.38	75.76	0.00
ENSMUSG00000027347	Rasgrp1	995.24	80.60	170.66	208.47	156.53	833.48	819.79	571.73	501.14	329.91	1118.86	873.54	1108.20	211.42	722.04	1065.08	837.50	673.99	449.23	828.58	2047.48	1346.36	789.29	681.80	524.66
ENSMUSG00000027353	Mxd6	475.66	492.21	410.64	481.83	506.48	237.10	672.03	364.93	277.37	210.46	375.75	565.09	389.49	537.67	1096.17	372.31	293.70	336.45	669.02	341.13	192.22	475.58	478.62	164.14	317.70
ENSMUSG00000027358	Bmp2	687.79	78.45	531.37	396.92	398.99	461.73	593.88	391.41	192.30	307.16	2502.74	2510.83	1764.31	2354.28	1775.70	1609.88	1480.93	1297.89	1321.20	1560.18	1915.36	1530.84	1492.43	1686.83	1335.70
ENSMUSG00000027359	Slc27a2	142.04	0.00	257.86	115.28	253.51	28.90	66.78	21.47	0.00	0.00	186.35	299.17	498.46	305.38	102.00	529.71	419.27	424.65	391.42	387.92	220.71	457.81	144.46	462.11	246.11
ENSMUSG00000027378	Nphp1	532.66	1727.05	688.62	945.02	495.36	715.91	512.90	618.24	620.01	825.72	666.74	497.84	507.73	208.80	1594.68	916.16	1096.95	714.28	987.59	752.02	264.24	376.58	575.22	998.71	824.46
ENSMUSG00000027394	Ttl	607.42	1005.92	625.27	549.48	733.53	429.55	811.26	696.23	618.85	452.20	712.56	585.96	243.43	420.22	192.51	464.68	471.16	319.03	481.75	521.48	616.31	242.02	563.03	569.43	579.47
ENSMUSG00000027395	Polr1b	1282.13	633.00	948.71	909.12	1408.74	1135.60	1097.55	1278.69	434.71	969.81	766.78	1321.90	996.92	785.63	637.87	673.93	633.05	928.78	1397.08	717.99	927.13	781.08	689.22	771.44	564.93
ENSMUSG00000027400	Pdyn	488.74	125.74	55.89	56.60	40.51	44.66	0.00	0.00	0.00	7.58	2883.84	3001.71	1945.15	2704.02	4123.19	1982.19	1595.09	2315.96	1493.43	1833.26	470.44	964.71	661.37	285.35	440.76
ENSMUSG00000027401	Tgm3	288.76	95.65	0.00	14.50	0.00	57.80	0.00	0.00	0.00	0.00	514.75	466.14	343.12	482.86	1009.97	674.87	765.89	1135.66	1375.40	1459.80	1629.74	1034.95	636.13	1246.18	1369.26
ENSMUSG00000027408	Cpxm1	1044.77	2337.48	1668.63	1301.21	2137.97	1886.98	1702.80	1493.36	2110.60	1935.84	206.21	152.29	39.41	151.38	234.17	276.17	410.97	212.32	109.60	261.16	452.11	355.42	516.04	773.97	963.18
ENSMUSG00000027409	1700020A23I	32.71	0.00	0.00	0.00	0.00	25.62	0.00	0.00	0.00	0.00	0.00	28.60	0.00	2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000027412	Lpin3	545.75	443.85	517.21	418.32	318.58	526.75	267.82	497.31	364.78	467.37	908.07	691.10	799.85	566.38	2505.52	948.21	883.16	719.72	1041.79	1435.98	998.92	1630.70	736.21	885.08	775.24
ENSMUSG00000027438	Napb	100.93	131.11	60.37	62.13	166.96	197.70	20.60	77.28	203.95	0.00	25.97	77.30	153.02	73.08	221.24	165.89	184.73	227.57	26.50	107.19	36.66	133.71	73.10	36.62	119.70
ENSMUSG00000027457	Snph	32.71	0.00	48.44	181.55	137.50	77.50	39.78	98.75	439.37	119.45	258.14	92.76	78.83	130.50	0.00	100.85	128.69	137.19	352.88	271.37	29.02	155.71	0.00	121.21	192.41
ENSMUSG00000027459	Fam110a	695.27	327.78	459.08	909.12	1045.35	554.34	853.88	659.02	602.53	625.69	993.61	578.23	315.30	704.72	395.08	553.28	556.26	634.79	425.15	765.63	988.23	1025.64	808.44	1083.31	364.69
ENSMUSG00000027463	Slc52a3	240.17	0.00	0.00	50.39	0.00	72.25	63.22	38.64	0.00	0.00	285.63	205.63	171.56	75.69	0.00	306.33	180.58	155.70	627.48	284.98	623.18	414.66	133.14	208.33	366.93
ENSMUSG00000027470	Mylk2	229.89	0.00	0.00	0.00	11.66	0.00	0.00	0.00	0.00	0.00	299.38	200.22	245.75	182.70	571.79	196.05	403.70	279.83	599.78	345.38	303.19	42.31	469.05	400.24	199.12
ENSMUSG00000027478	Dnmt3b	290.63	590.01	608.13	456.98	374.44	405.24	260.71	393.55	461.51	177.28	627.79	731.30	765.08	741.26	801.65	636.22	524.09	634.79	467.30	501.06	400.94	503.51	203.63	571.95	107.39
ENSMUSG00000027500	Stmn2	749.47	679.21	1278.12	935.36	637.15	880.77	1253.83	1171.36	1671.23	1661.86	807.26	381.88	278.21	595.09	258.60	441.11	562.48	557.48	493.79	390.47	269.59	500.13	486.45	378.78	349.03
ENSMUSG00000027505	Fam209	0.00	0.00	0.00	64.89	0.00	19.05	0.00	52.95	0.00	54.04	41.24	26.28	13.91	0.00	0.00	0.00	41.51	26.13	86.72	39.98	0.00	0.00	0.00	74.49	0.00
ENSMUSG00000027510	Rbm38	932.63	1069.33	928.59	899.46	1065.61	829.54	543.45	582.46	256.40	601.99	1112.75	1636.53	1098.93	1834.87	1090.42	866.21	1097.99	909.18	1220.

ENSMUSG00000028185	Dnase2b	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.88	62.62	9.27	28.71	0.00	74.46	0.00	0.00	0.00	0.00	40.48	0.00	0.00	0.00	0.00
ENSMUSG00000028188	Spata1	228.95	65.56	143.83	57.99	67.52	138.58	7.10	254.02	99.06	73.00	195.51	96.63	287.48	109.62	482.71	192.28	217.94	108.88	161.39	115.69	181.76	0.00	57.43	178.03	40.27
ENSMUSG00000028195	Cyr61	939.17	3390.69	4649.66	4934.26	2669.54	6449.10	7081.84	9483.21	3035.96	2917.97	906.55	307.67	500.78	1137.99	0.00	363.83	492.95	381.09	405.87	583.58	1961.95	1743.25	2383.54	1242.39	1474.41
ENSMUSG00000028214	Gem	2256.81	4061.31	4533.40	5537.58	3672.54	5359.47	4954.95	4695.45	4927.46	4668.95	3609.38	2060.92	3779.01	5739.53	2498.34	1667.38	1601.32	1949.02	2353.35	2507.86	1837.46	2908.51	2534.96	1585.82	2840.32
ENSMUSG00000028217	Cdh17	1225.13	311.66	0.00	0.69	0.00	106.40	18.47	34.35	209.78	54.98	2718.87	2704.87	1873.27	2356.89	4072.91	4025.64	3141.40	2898.49	3303.61	3869.83	3372.50	3100.61	3571.39	3337.04	3332.54
ENSMUSG00000028240	Cyp7a1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.92	15.46	146.06	83.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000028246	Faxc	474.72	0.00	368.16	672.35	451.16	665.99	471.70	543.10	805.32	134.62	749.22	732.84	568.01	522.01	541.62	365.71	954.77	363.67	1065.87	720.54	219.95	259.79	368.97	223.48	196.89
ENSMUSG00000028256	Odf2l	1106.44	1302.54	871.21	1239.78	1204.33	664.02	564.05	1018.23	617.68	980.24	1019.58	592.92	867.09	858.71	872.05	1094.30	1086.57	1030.04	923.76	994.47	1186.03	1089.11	914.60	834.57	918.43
ENSMUSG00000028262	Clca3a2	2894.14	2965.11	8230.62	8897.96	8241.27	13142.54	9716.67	6656.78	16342.90	16848.02	2102.55	2662.35	2911.92	2265.53	1278.62	2211.23	4155.33	4701.60	4194.84	5168.84	6939.75	5858.49	5550.28	6506.15	9230.19
ENSMUSG00000028264	Spaca1	0.00	55.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	0.00	0.00	0.00	0.00	0.00	32.67	0.00	10.21	0.00	90.55	0.00	0.00	0.00
ENSMUSG00000028269	Epha7	302.78	422.36	151.29	174.65	261.49	233.82	183.99	242.57	201.62	614.31	0.00	154.61	64.92	182.70	222.68	222.44	334.17	107.79	236.06	251.81	62.62	154.86	152.29	208.33	380.35
ENSMUSG00000028327	Stra6l	261.66	0.00	185.57	58.68	41.74	57.14	31.97	138.13	0.00	190.55	141.29	82.72	234.16	65.25	261.47	164.95	95.48	192.50	345.66	262.87	318.46	339.34	340.26	148.99	2.24
ENSMUSG00000028331	Trmo	155.13	1.07	172.90	124.25	316.74	165.51	302.62	238.28	144.51	127.98	126.02	217.22	111.28	146.16	0.00	307.27	67.46	226.48	198.72	209.27	329.15	222.56	144.46	146.46	210.31
ENSMUSG00000028347	Tmeff1	803.67	1474.49	1506.16	1040.97	792.45	1010.81	753.01	735.59	1097.84	554.59	439.14	570.50	433.54	999.65	560.29	636.22	443.14	486.71	720.22	419.39	725.52	497.59	305.45	287.87	404.96
ENSMUSG00000028348	Cavin4	52.33	0.00	0.00	57.99	54.63	39.41	63.93	50.80	0.00	9.48	13.75	0.00	62.60	10.44	0.00	0.00	57.08	32.67	0.00	13.61	60.33	44.85	0.00	84.59	29.09
ENSMUSG00000028351	Brinp1	282.22	670.62	500.07	320.99	423.54	380.94	434.05	246.15	681.78	175.38	811.84	1125.55	753.48	441.10	577.53	659.79	477.39	370.20	490.18	678.86	292.50	401.12	502.99	308.07	195.77
ENSMUSG00000028354	Fmn2	266.33	209.57	415.85	356.88	463.44	259.44	216.67	135.24	0.00	113.76	1005.07	976.35	848.54	814.34	629.25	712.57	754.48	505.22	547.99	736.70	397.12	427.35	351.57	429.28	241.63
ENSMUSG00000028370	Pappa	893.38	315.96	862.26	507.37	293.41	177.34	335.30	387.83	153.84	115.66	1309.79	1744.75	1836.18	1101.45	1136.39	1535.42	1263.00	937.49	1227.26	1185.87	858.40	896.16	438.59	690.64	600.73
ENSMUSG00000028386	Slc46a2	5302.34	8570.76	7057.59	8568.69	5986.68	8162.69	9317.43	8789.84	8109.10	7497.81	2051.38	1804.28	1822.27	1430.31	1018.59	3083.09	4172.97	2523.93	2636.38	1842.61	4228.61	2850.97	3960.38	6177.87	3646.88
ENSMUSG00000028391	Wdr31	534.53	255.78	739.30	503.92	739.05	136.61	164.10	433.62	688.77	257.86	857.67	1311.85	999.23	1401.60	2152.10	1010.42	791.84	1067.06	287.85	794.55	317.70	509.43	451.65	489.89	314.35
ENSMUSG00000028392	Bspry	5927.52	3341.25	4179.40	3960.25	3846.87	3037.04	3744.45	3325.89	1685.22	2279.96	10880.84	11330.45	12403.49	10816.10	13143.93	9857.22	7629.86	8699.81	10313.08	9057.39	6200.48	7459.57	6703.32	4555.44	7008.50
ENSMUSG00000028396	2310002L09I	0.00	0.00	0.00	24.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.41	0.00	0.00	0.00	0.00	20.69	0.00	22.97	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000028411	Apbx	840.11	878.03	510.50	657.86	793.68	1188.15	564.05	907.32	768.02	1598.34	866.07	916.05	950.55	1025.75	942.44	878.46	782.50	1001.73	1304.34	1174.81	735.44	620.29	817.14	958.31	652.19
ENSMUSG00000028438	Kif24	499.02	550.25	334.62	187.07	226.50	430.86	165.52	238.99	46.62	147.89	654.52	289.12	523.96	618.58	201.13	844.53	369.45	347.34	634.71	507.87	392.54	148.94	102.69	366.15	296.45
ENSMUSG00000028439	Fam219a	830.77	182.70	315.24	492.87	503.95	377.00	485.90	348.47	783.17	287.25	1013.47	834.88	758.12	1104.06	847.62	905.79	936.09	695.77	1139.34	1009.78	721.70	1062.03	717.93	877.50	702.53
ENSMUSG00000028453	Fancg	512.10	415.91	201.22	193.97	392.24	489.31	243.66	405.72	192.30	106.18	284.11	244.28	463.68	527.23	336.18	216.79	280.20	396.34	309.52	319.01	297.84	603.37	310.67	351.00	578.36
ENSMUSG00000028458	Tesk1	439.21	623.33	554.47	394.85	659.87	655.48	680.55	719.13	616.52	996.36	662.15	313.85	336.17	467.20	232.74	364.77	484.65	351.69	281.82	605.70	429.96	273.33	662.24	224.74	535.85
ENSMUSG00000028459	Cd72	1810.12	1153.16	1549.39	1146.59	1350.42	1128.38	838.97	966.71	830.96	978.35	1671.04	1692.18	2385.64	2182.01	1962.47	2417.65	1986.34	2746.05	3116.93	1851.12	892.00	1216.89	1320.13	686.85	1033.66
ENSMUSG00000028460	Sit1	69.15	3.22	0.00	0.00	0.00	167.48	0.00	20.04	0.00	169.69	47.35	16.23	34.78	120.06	548.80	94.26	35.29	55.53	0.00	29.77	126.01	10.15	110.52	171.71	35.80
ENSMUSG00000028463	Car9	246.71	580.34	199.73	358.96	336.38	356.64	431.92	278.35	660.80	541.31	367.35	337.82	134.47	232.30	346.23	167.77	263.60	351.69	531.13	154.83	190.16	201.40	239.31	267.67	118.58
ENSMUSG00000028492	Saxo1	9.34	5.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	178.71	191.71	136.79	117.45	159.47	214.90	78.87	157.88	63.83	73.16	64.91	105.78	0.00	70.71	237.16
ENSMUSG00000028519	Dab1	498.09	188.07	245.93	339.63	327.17	18.39	122.19	37.92	124.70	86.27	751.51	579.01	797.53	548.11	693.90	717.28	1034.68	663.10	790.07	854.95	592.63	394.35	223.65	374.99	384.82
ENSMUSG00000028523	Tctex1d1	41.12	0.00	0.00	0.00	0.00	30.21	0.00	21.47	0.00	17.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000028536	2610528J11I	0.00	239.66	0.00	11.74	0.00	43.35	25.57	54.38	0.00	0.00	0.00	13.91	46.37	125.28	0.00	91.43	208.60	168.77	199.93	136.11	188.63	0.00	193.19	125.00	174.51
ENSMUSG00000028539	Artn	14.95	0.00	25.34	0.00	0.00	0.00	46.89	48.66	64.10	0.00	0.00	0.00	23.18	28.71	0.00	0.00	32.17	52.26	0.00	51.89	33.60	0.00	109.65	10.10	136.48
ENSMUSG00000028545	B4galt2	158.86	90.28	137.13	186.38	323.49	79.47	285.58	173.16	0.00	263.55	11.46	87.35	127.51	44.37	0.00	47.13	165.01	62.06	148.14	133.56	80.95	49.24	0.00	12.18	69.24
ENSMUSG00000028545	Bend5	101.86	486.84	145.33	363.10	176.17	564.85	394.97	684.78	248.24	848.47	38.19	106.68	129.83	198.36	0.00	296.90	176.43	303.79	146.93	119.10	136.70	89.70	255.85	306.81	253.94
ENSMUSG00000028546	Elavl4	27.10	0.00	49.93	40.73	0.00	0.00	0.00	0.00	272.71	0.00	119.14	115.96	53.32	13.05	0.00	97.08	20.76	267.85	55.40	120.80	138.99	0.00	110.52	87.12	97.32
ENSMUSG00000028549	Itgb3bp	226.15	294.47	403.18	270.60	359.09	169.45	242.95	179.60	0.00	186.76	310.07	391.16	363.99	584.65	735.57	224.33	48.78	361.49	112.01	248.40	272.64	639.75	290.65	279.03	85.02
ENSMUSG00000028553	Angptl3	37.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.26	71.87	109.62	0.00	127.24	207.56	29.40	114.42	102.93	233.69	61.78	0.00	136.36	0.00
ENSMUSG00000028571	Cyp2j13	142.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141.29	282.93	104.33	261.01	7.18	544.80	337.28	387.63	278.21	229.69	690.39	386.73	328.94	178.03	310.99
ENSMUSG00000028573	Fggy	85.04	0.00	64.09	0.00	92.69	80.79	24.15	120.21	179.48	102.39	56.52	85.81	4.64	148.77	0.00	0.00	61.23	58.80	0.00	101.23	144.34	59.24	0.00	70.71	213.67
ENSMUSG00000028575	Eqtn	0.00	331.01	0.00	62.13	0.00	0.00	66.78	0.00	0.00	0.00	67.97	27.06	67.23	0.00	0.00	0.00	0.00	62.06	0.00	18.72	0.00	133.71	0.00	0.00	76.07
ENSMUSG00000028576	Ifit74	736.38	924.25	499.32	1038.21	581.91	576.01	727.44	691.22	1004.61	1157.52	821.01	338.59	375.58	237.52	175.27	344.97	1018.08	745.85	568.47	558.91	576.59	473.89	529.09	834.57	666.73
ENSMUSG00000028587	Orc1	246.71	307.37	245.93	104.93	54.02	73.56	46.89	284.79	0.00	214.25	61.10	21.65	92.74	133.11	0.00	44.30	117.27	68.60	42.15	111.44	30.55	66.85	0.00	125.00	73.83
ENSMUSG00000028591	Pramef12	56.07	0.00	113.28	115.28	11.05	47.95	345.96	16.46	0.00	0.00	12.22	12.37	25.50	20.88	0.00	62.21	88.21	30.49	215.58	30.63	0.00	0.00	71.36	118.68	42.51
ENSMUSG00000028599	Tnfrsf1b	354.17	227.84	355.49	557.76	281.13	422.32	272.91	435.13	651.48	582.08	82.48	258.97	489.18	39.15	0.00	344.03	267.75	152.00	456.68	204.17	275.82	196.67	131.31	322.18
ENSMUSG00000028599	Tnfrsf1b	1484.92	563.14	1209.55	862.87	742.73	738.24	402.79	795.69	1456.79	784.00	1531.28	1240.73	857.81	1247.61	2222.50	1273.39	939.20	930.96	1606.64	1183.32	836.25	1167.81	1422.81	950.73	1297.66
ENSMUSG00000028626	Col9a2	558.83	713.60	947.22	544.65	848.93	1084.37	630.82	415.02	637.49	811.50	1532.80	949.29	860.13	1221.51	676.66	1089.59	522.01	1660.48	1116.46	879.62	722.46	500.97	838.02	515.14	349.03
ENSMUSG00000028640	Tfap2c	664.43	475.02	316.73	727.58	525.44	604.91	358.75	679.77	350.80	621.89	485.73	966.30	950.55	1059.69	1475.44	1311.09	722.30	1345.80	779.23	1369.62	1176.86	1109.42	763.18	892.65	994.50
ENSMUSG00000028641	P3h1	688.72	543.80	584.28	722.74	618.13	983.23	735.96	850.79	414.90	517.61	908.07	755.26	574.97	574.21	584.72	950.09	500.22	335.36	597.37	566.57	608.67	412.12	791.03	597.21	525.78
ENSMUSG00000028644	Ermap	231.76	0.00	0.00	31.75	0.00	0.00	0.00	9.30	180.64	0.00	252.03	405.07	419.63	143.55	603.39	536.31	376.72	224.30	445.62	167.59	378.03	33.85	116.61	37.88	80.54
ENSMUSG00000028654	Mycl	824.23	418.06	1286.31	1052.02	1071.75	561.56	672.74	894.44	597.87	589.66	365.83	757.58	558.74	827.39	765.74	484.47	703.62	697.94	567.26	560.61	1110.42	660.06	633.52	970.93	493.34
ENSMUSG00000028680	Plk3	313.99	0.00	29.07	45.56	50.33	59.77	65.36	77.28	45.45	0.00	829.41	483.92	227.20	869.15	169.52	445.83	606.07	398.51	77.08	565.71	816.40	379.96	382.90	335.85	129.77
ENSMUSG00000028689	Ccdc163	646.67	775.94	632.72	647.50	1042.90	1191.43	686.94	804.28	736.56	1028.59	312.37	652.45	268.94	712.55	362.04	541.97	735.80	449.69	750.33	666.95	482.66	652.45	397.69	426.76	672.32
ENSMUSG00000028699	Tspan1	445.76	338.53	176.63	155.32	241.23	202.95	174.76	106.62	94.40	236.05	315.42	324.68	199.38	247.96	0.00	463.74	1111.48	763.28	1250.14	1118.67	1977.98	1887.11	1198.30	1933.03	1919.65
ENSMUSG00000028702	Rad54l	580.32	406.24	285.43	592.28	893.12	694.24	668.47	424.32	205.12	337.49	273.41	534.17	470.64	587.26	86.20	200.76	237.65	270.03	449.23	250.96	150.45	905.47	297.62	306.81	375.88
ENSMUSG00000028709	Mob3c	793.39	662.02	381.57	524.63	426.61	504.42	672.74	741.31	165.49	584.92	345.21	450.68	338.49	237.52	673.79	576.84	338.32	309.23	381.79	529.99	669.00	688.84	417.71	858.56	693.58
ENSMUSG00000028712	Cyp4a31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.83	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	0.00	0.00	0.00
ENSMUSG00000028737	Aldh4a1	1891.42	2303.09	899.53	1408.90	1818.16	1710.96	1905.97	1650.06	988.29	1317.73	1812.33	1717.69	1539.42	1396.38	1103.35	935.96	1613.77	1291.36	1092.37	2048.48	1518.24	1571.46	1945.82	2276.46	1196.98
ENSMUSG00000028749	Pla2g2f	385.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107.22	59.72	567.45	652.45	818.40	276.67	616.32	780.43	1115.63	1437.27	1155.00	1319.43	1197.48	1018.87	299.36	1319.41	1139.93
ENSMUSG00000028758	Klf17	35.51	89.20	0.00	37.28	0.00	69.62	60.38	34.35	0.00	0.00	89.36	35.56	11.59	39.15	0.00	123.47	19.72	1.09	71.06	19.57	45.06	66.01	185.36	42.93	81.66
ENSMUSG00000028782	Adgrb2	2468.94	1626.03	1479.34	1111.38	1574.47	1017.38	672.74	381.39	580.39	729.97	2867.80	3545.93	3702.50	4622.42	2693.72	2220.65	2470.99	2842.95	3339.74	2552.95	1312.04	1296.43	1354.07	1152.75	519.07
ENSMUSG00000028789	Azin2	652.28	387.97	47.70	254.72	122.77	158.95	148.47	198.21	430.05	328.96	2613.48	1838.29	1761.99	1631.29	4351.62	2510.02	1841.05	2370.40	2030.58	2170.98	2065.05	1890.49	2052.85	1455.77	926.26
ENSMUSG00000028803	Nipal3	746.66	787.76	471.75	512.89	486.15	533.32	573.99	563.14	213.27	818.13	1099.77	1423.17	1031.69	997.04	709.71	1480.75	1745.57	1189.01	1404.30	1599.31	1377.72	801.39	1710.86	1246.18	888.23
ENSMUSG00000028804	Csmd2	599.95	610.43	645.39	956.75	469.58	1175.67	825.47	619.67	1143.29	1227.67	1451.08	1611.02	1347.00	1184.97	1140.70	1777.65	1168.56	1314.23	1241.71	1435.98	1039.40	462.04	739.69	736.09	804.33
ENSMUSG00000028807	Ztbt8a	145.78	454.60	236.99	164.98	184.15	216.74	196.78	113.06	237.75	504.34	229.88	292.21	199.38	127.89	186.76	167.77	207.56	229.74	33.72	399.83	189.40	526.36	288.04	277.77	589.54
ENSMUSG00000028833	Ncdn	1114.86	871.58	1865.38	1430.30	965.55	1286.67	1114.60	1303.74	868.25	1111.07	1735.96	1975.12	1578.84	1944.50	1680.88	1593.86	1426.97	1415.49	1410.33	2109.73	1596.90	1543.53	1465.45	1315.62	683.51
ENSMUSG00000028834	Trim63	283.15	290.17	939.77	524.63	424.16	831.51	467.43	547.40	188.80	867.43	132.89	211.04	118.24	388.90	142.23	261.09	58.12	442.07	345.66	273.07	255.08	322.42	311.54	200.75	644.36
ENSMUSG00000028838	Extl1	7019.94	6381.59	7141.05	6779.43	7720.13	8481.89	7522.28	7511.86	9011.15	7250.38	8384.98	8145.52	8793.73	8584.49	6584.17	8053.17	7843.65	8909.96	9072.57	9157.77	9437.81	8290.58	7932.07	6676.60	8529.90
ENSMUSG00000028845	Tek2	121.48	363.25	137.13	190.52	147.32	192.44	267.82	229.69	201.62	195.29	63.39	130.64	62.60	57.42	181.02	164.00	353.89	271.12	128.87	325.82	161.14	159.09	185.36	487.36	247.23
ENSMUSG00000028864	Hgf	267.27	1.07	45.46	140.13	65.07	151.06	176.89	297.67	184.14	456.94	395.61	496.29	426.59	229.69	272.96	439.23	790.80	402.87	331.20	766.48	931.71	611.83	729.25	323.22	985.55
ENSMUSG00000028919	Arhgef19	233.62	248.26	484.42	288.55	591.73	983.23	819.08	853.65	731.89	786.85	128.31	126.01	206.34	39.15	0.00	79.17	239.73	62.06	274.60	169.29	210.02	456.12	257.59	606.05	356.86
ENSMUSG00000028943	Espn	1865.26	1525.01	1474.12	1777.52	2379.82	1913.91	1593.40	1174.22	1552.36	1839.14	1392.28	1284.79	1365.54	1649.56	659.42	1330.88	2316.36	2743.87	3025.39	2297.74	2042.14	1743.25	1396.71	1989.85	2392.85
ENSMUSG00000028950	Tas1r1	60.74	0.00	0.00	85.60	76.73	19.05	39.07	0.00	0.00	38.87	165.73	42.52	67.23	109.62	0.00	56.55	115.20	101.26	68.65	163.33	92.41	43.16	0.00	147.72	66.00
ENSMUSG00000028952	Zbtb48	539.20	1096.20	473.98	490.80	796.14	505.73	741.64	749.90	315.83	906.30	361.24	355.60	206.34	182.70	135.05	598.52	566.64	627.17	401.06	657.59	397.12	707.45	192.32	402.77	437.40
ENSMUSG00000028965	Tnfrsf9	455.10	173.03	0.00	0.00	0.00	58.46	0.00	29.34	0.00	0.00	1503.02	1702.23	1817.63	1432.92	4080.09	2464.78	1716.51	1921.80	2567.73	2276.47	1602.24	831.85	812.79	866.14	660.02
ENSMUSG00000028970	Abcb1b	641.07	796.36	400.95	164.29	50.33	288.33	177.60	183.18	270.38	0.00	522.39	472.33	716.39	879.59	543.05	463.74	335.21	439.89	580.51	324.12	138.99	263.18	377.68	92.17	0.00
ENSMUSG00000028979	Masp2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.46	0.00	0.00	0.00	60.32	0.00	0.00	0.00	0.00	109.21	0.00	0.00	0.00	0.00
ENSMUSG00000029001	Fbxo44	61.68	166.58	101.35	87.67	268.86	200.98	298.36	142.39	125.67	69.20	206.21	415.90	204.02	161.82	349.11	248.83	312.38	273.30	204.74	173.54	201.62	153.17	279.34	266.41	349.03
ENSMUSG00000029003	Mad2l2	233.62	397.64	544.78	349.98	524.82	221.34	332.46	334.88	397.41	247.43	163.44	354.05	547.14	198.36	235.61	737.08	471.16	656.57	192.70	384.52	534.59	415.50	1389.74	392.67	223.74
ENSMUSG00000029016	Clcn6	846.65	269.75	602.91	654.40	855.68	991.77	301.91	726.29	221.43	336.54	601.05	606.84	584.24	728.21	943.88	464.68	800.14	544.42	700.95	397.28	630.82	499.28	278.47	338.38	558.22
ENSMUSG00000029033	Acap3	639.20	1028.49	700.54	440.41	862.43	1069.27	770.77	666.89	1065.21	395.32	284.11	685.69	581.92	480.25	0.00	503.32	937.13	570.55	366.13	667.80	920.26	798.00	677.03	771.44	230.45
ENSMUSG00000029044	4930584F24I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.00
ENSMUSG00000029049	Mom1	228.02	379.37	234.76	73.17	87.16	100.49	21.31	117.35	0.00	144.10	270.36	292.21	312.99	326.26	1425.16	778.55	394.36	638.06	472.12	488.30	380.32	109.16	346.35	320.70	234.92
ENSMUSG00000029054	Gabrd	103.73	0.00	43.97	0.00	9.21	77.50	0.00	13.60	0.00	0.00	87.07	243.51	398.77	219.25	189.64	221.50	418.23	231.92	125.26	334.32	279.51	313.11	127.05	113.63	45.87
ENSMUSG00000029055	Plch2	972.81	786.68	535.09	450.08	1344.29	542.52	723.88	1106.24	780.84	1052.29	2267.51	1356.69	1300.63	1618.24	1364.82	1874.74	1577.45	1770.45	1812.59	1977.02	3185.39	3246.16	1278.36	1352.24	2191.49
ENSMUSG00000029061	Mmp23	427.07	1.07	0.00	11.04	45.42	28.90	0.00	83.00	199.29	357.40	727.07	135.28	584.24	480.25	1326.03	899.20	882.13	562.93	791.28	696.72	728.57	888.55	730.99	952.00	1081.76
ENSMUSG00000029073	Cptp	359.78	529.83	735.57	314.09	365.84	285.05	227.32	277.63	398.58	273.97	866.07	518.71	396.45	629.02	0.00	843.58	1190.35	493.24	862.33	774.14	908.04	882.62	911.12	636.35	696.94
ENSMUSG00000029074	Tlr10	255.12	607.21	166.19	283.02	502.11	422.32	306.18	440.06	305.34	344.13	223.01	126.01	95.05	456.76	504.26	295.02	734.76	366.94	270.98	507.02	349.77	326.65	192.32	566.90	639.88
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ENSMUSG00000029683	Lmod2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.17	16.33	46.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000029695	Aass	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	181.00	159.25	150.70	151.38	0.00	209.25	0.00	41.38	21.68	81.67	0.00	40.62	0.00	82.07	0.00	0.00	0.00	0.00
ENSMUSG00000029697	Fezf1	369.13	123.59	53.66	57.29	19.64	0.00	0.00	0.00	0.00	0.00	302.44	218.00	424.27	174.87	159.47	376.08	165.01	67.51	37.34	222.03	123.72	75.32	120.96	6.31	161.09	0.00	0.00	0.00
ENSMUSG00000029699	Ssc4d	198.11	13.97	81.98	176.72	123.99	24.96	67.49	48.66	320.49	45.50	600.29	395.80	241.11	65.25	83.33	274.28	340.40	125.22	250.51	347.94	108.45	193.79	159.25	90.91	0.00	0.00	0.00	0.00
ENSMUSG00000029700	Slc13a1	60.74	0.00	0.00	0.00	63.22	22.33	0.00	0.00	0.00	0.00	198.57	19.33	27.82	161.82	215.50	107.45	0.00	7.62	0.00	95.28	178.71	38.08	40.03	73.23	105.16	0.00	0.00	0.00
ENSMUSG00000029710	Ephb4	4089.36	4068.83	4803.18	4391.68	4746.74	4919.42	5050.85	4729.80	5597.59	4308.70	1622.92	2568.04	2833.10	2884.12	1667.95	1982.19	1916.81	2126.50	2205.21	2346.23	1745.06	2380.46	1323.61	2532.76	2831.37	0.00	0.00	0.00
ENSMUSG00000029716	Tfr2	55.14	0.00	0.00	0.00	0.00	28.24	43.33	0.00	0.00	0.00	74.85	30.92	13.91	80.91	0.00	169.66	0.00	158.97	131.28	158.23	43.53	163.32	0.00	0.00	8.95	0.00	0.00	0.00
ENSMUSG00000029725	Ppp1r35	390.62	298.77	447.90	376.90	579.45	578.64	232.30	309.12	272.71	266.39	480.39	443.72	354.72	506.35	791.60	377.02	121.42	819.89	327.59	370.90	447.53	463.74	317.63	436.86	346.79	0.00	0.00	0.00
ENSMUSG00000029735	Tpk1	404.64	419.13	915.92	645.43	329.01	393.42	750.17	513.05	437.04	530.89	473.51	489.33	329.21	274.06	554.55	252.60	711.93	417.02	702.15	732.45	478.08	570.36	573.48	489.89	920.67	0.00	0.00	0.00
ENSMUSG00000029755	Dlx5	120.55	74.15	0.00	0.00	0.00	0.00	0.00	10.02	0.00	0.00	63.39	162.34	248.07	127.89	397.95	197.94	336.25	325.56	307.12	600.59	217.65	315.65	136.62	166.66	152.14	0.00	0.00	0.00
ENSMUSG00000029757	Dync1i1	452.30	522.31	696.82	539.81	612.60	378.32	378.64	447.22	162.00	790.64	1097.48	715.06	702.48	725.60	1528.60	869.03	566.64	844.94	588.94	471.29	592.63	354.57	435.98	690.64	551.51	0.00	0.00	0.00
ENSMUSG00000029764	Ccdc136	527.99	0.00	181.84	518.41	298.93	595.06	646.45	548.11	363.62	567.86	608.69	187.08	27.82	36.54	133.61	399.64	295.77	517.20	297.48	176.95	245.15	35.54	314.15	667.91	293.09	0.00	0.00	0.00
ENSMUSG00000029771	Irf5	1728.82	802.80	286.92	136.68	238.78	492.60	264.26	373.52	557.08	633.27	2755.53	4207.66	2673.13	3306.95	6048.30	3212.22	2556.09	3634.54	3088.02	2910.24	2037.55	2025.04	2418.35	1492.39	1577.33	0.00	0.00	0.00
ENSMUSG00000029784	Ssmem1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.06	0.00	0.00	0.00	10.37	12.45	58.80	0.00	11.91	95.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000029788	Cpa5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000029804	Herc3	969.07	842.57	1175.27	713.08	828.67	342.19	482.35	614.66	307.68	428.50	1086.79	1049.02	565.69	1023.14	359.16	535.37	816.74	839.49	765.98	564.86	640.74	627.91	348.09	395.19	322.18	0.00	0.00	0.00
ENSMUSG00000029811	Aoc1	1763.40	430.96	409.15	131.85	214.23	417.72	74.59	314.84	583.88	251.22	2376.72	2935.23	2501.56	2907.61	2673.61	4265.05	4417.89	3654.14	4551.34	5946.38	3891.05	3329.94	3760.23	3454.46	3594.31	0.00	0.00	0.00
ENSMUSG00000029813	1600015I10R	32.71	58.03	0.00	0.00	71.82	0.00	95.19	27.91	0.00	37.92	206.97	158.47	231.84	404.56	471.22	242.24	208.60	155.70	39.74	157.38	238.27	71.93	20.89	69.44	41.39	0.00	0.00	0.00
ENSMUSG00000029816	Gpnmb	272.87	0.00	0.00	0.00	141.18	0.00	0.00	10.02	0.00	0.00	380.34	609.93	315.30	67.86	300.26	552.34	349.74	496.51	625.07	823.48	382.61	406.19	307.19	380.04	523.54	0.00	0.00	0.00
ENSMUSG00000029828	4921507P07I	26.17	0.00	106.57	49.01	0.00	57.80	58.96	13.60	0.00	62.57	43.53	86.58	141.42	67.86	175.27	76.35	20.76	109.97	257.74	125.05	17.57	82.08	0.00	0.00	239.40	0.00	0.00	0.00
ENSMUSG00000029832	Nfe2l3	3375.40	5829.19	4859.08	4629.15	4044.52	6107.57	5273.20	5727.99	7151.11	6962.18	2860.93	2453.63	2540.98	2325.57	2337.43	2977.52	3611.52	2979.06	4289.99	3839.20	3802.46	3623.58	3997.80	4775.13	5683.99	0.00	0.00	0.00
ENSMUSG00000029844	Hoxa1	2.80	83.83	0.00	49.70	36.22	0.00	0.00	45.08	0.00	0.00	0.00	57.20	0.00	75.69	0.00	0.00	0.00	8.71	52.99	0.00	16.04	0.00	0.00	0.00	29.09	0.00	0.00	0.00
ENSMUSG00000029847	Slc23a4	133.63	175.18	112.53	44.87	15.35	0.00	39.07	97.32	38.46	47.40	50.41	149.97	289.80	221.86	0.00	262.03	194.07	78.40	362.52	234.79	220.71	181.94	184.49	178.03	0.00	0.00	0.00	0.00
ENSMUSG00000029848	Stra8	231.76	216.02	0.00	7.59	0.00	0.00	0.00	0.00	0.00	0.00	526.97	306.90	452.09	469.81	969.74	964.23	740.99	470.38	438.39	467.88	417.74	176.02	211.46	214.64	80.54	0.00	0.00	0.00
ENSMUSG00000029851	Tcaf2	5592.97	4025.84	5199.66	5888.25	5367.32	7057.96	6982.39	7545.50	5464.73	7119.55	10958.74	12010.72	10442.12	10636.00	8693.18	9126.74	7571.75	7802.61	9013.56	7002.95	6398.28	7865.77	7510.02	5623.59	7501.84	0.00	0.00	0.00
ENSMUSG00000029862	Clcn1	110.27	0.00	81.23	40.73	127.68	53.86	0.00	18.60	36.13	0.00	520.10	420.53	357.04	200.97	0.00	300.67	380.87	372.38	207.15	393.02	211.55	172.63	50.47	55.55	139.83	0.00	0.00	0.00
ENSMUSG00000029867	Licfc1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000029875	Ccdc184	301.84	0.00	0.00	0.00	0.00	0.00	44.04	0.00	0.00	0.00	732.42	403.53	412.68	441.10	623.51	766.30	751.36	635.88	827.41	1063.37	609.43	229.33	824.97	563.12	441.88	0.00	0.00	0.00
ENSMUSG00000029883	1700074P13I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.12	0.00	0.00	0.00	179.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000029919	Hpgds	822.36	1018.82	1058.27	980.92	1342.44	325.77	577.54	673.33	905.54	411.44	707.98	402.75	255.03	516.79	181.02	984.97	1481.97	1387.18	1267.00	1365.37	1422.01	1067.95	458.61	1003.76	1020.23	0.00	0.00	0.00
ENSMUSG00000029923	Rab19	347.63	1067.18	207.93	385.88	405.13	265.35	659.24	241.86	581.55	1034.28	307.02	218.00	352.40	234.91	604.83	324.24	256.34	469.29	408.28	191.41	552.92	187.86	519.52	604.78	502.29	0.00	0.00	0.00
ENSMUSG00000029999	Tgfa	467.25	160.13	272.02	281.64	176.78	79.47	66.07	128.08	0.00	303.36	1200.58	1009.59	1323.81	1156.26	1153.63	1321.46	1105.25	1168.32	1522.33	1139.94	1014.19	2019.12	964.21	819.42	1087.35	0.00	0.00	0.00
ENSMUSG00000030032	Wdr54	223.34	89.20	155.01	129.09	664.16	187.84	171.20	107.33	0.00	248.38	44.30	143.01	122.88	80.91	0.00	257.32	292.66	287.45	43.36	139.51	340.61	182.79	62.66	51.77	328.89	0.00	0.00	0.00
ENSMUSG00000030041	M1ap	36.45	0.00	0.00	0.00	0.00	0.00	34.10	2.15	100.23	87.22	32.84	61.84	23.18	52.20	313.19	101.80	62.27	94.73	132.48	256.91	190.93	95.62	0.00	161.61	93.97	0.00	0.00	0.00
ENSMUSG00000030051	Apif	326.14	333.16	284.69	274.74	276.22	409.19	480.93	441.50	712.08	619.05	236.76	190.17	217.93	310.60	0.00	428.86	511.63	179.66	54.20	148.87	104.63	63.47	167.08	345.95	338.96	0.00	0.00	0.00
ENSMUSG00000030074	Gxylt2	135.50	585.71	576.08	583.99	467.12	717.88	813.39	450.80	914.87	1590.76	660.63	802.42	361.67	589.87	1314.54	720.48	506.44	632.61	232.44	465.33	895.06	368.11	257.59	563.02	555.98	0.00	0.00	0.00
ENSMUSG00000030077	Chl1	116.81	0.00	230.28	136.68	58.93	158.29	132.13	183.18	270.38	273.97	569.74	437.54	289.80	391.51	751.37	508.98	639.28	165.50	569.67	466.18	643.04	429.04	355.92	662.86	793.14	0.00	0.00	0.00
ENSMUSG00000030083	Abtb1	616.77	449.23	627.51	526.70	1372.52	727.73	748.75	895.87	1409.01	1217.24	627.02	582.10	503.09	615.97	1712.49	656.02	601.92	909.18	743.10	634.62	808.76	957.09	904.16	570.69	849.07	0.00	0.00	0.00
ENSMUSG00000030088	Aldh1l1	813.95	802.80	1734.21	1290.86	918.90	1033.80	1378.15	1456.15	928.85	601.04	788.93	365.65	470.64	368.02	645.06	1443.99	1213.18	598.86	916.53	667.80	652.96	1157.65	1775.25	1551.73	990.03	0.00	0.00	0.00
ENSMUSG00000030110	Ret	302.78	395.49	332.38	547.41	255.35	310.67	242.95	129.51	659.64	53.09	965.35	998.77	841.58	989.21	997.04	646.59	470.12	650.04	897.26	995.32	478.84	666.83	771.02	460.85	607.44	0.00	0.00	0.00
ENSMUSG00000030114	Klrg1	77.56	0.00	0.00	17.95	0.00	0.00	0.00	0.00	0.00	0.00	313.89	291.44	250.39	553.33	583.28	371.37	256.34	115.42	261.35	175.24	106.15	0.00	143.59	22.73	98.44	0.00	0.00	0.00
ENSMUSG00000030124	Lag3	253.25	1.07	70.80	282.33	106.19	82.10	51.86	100.18	0.00	124.19	889.74	725.88	373.26	339.31	589.03	654.13	572.86	456.22	84.31	655.89	433.02	470.51	372.45	215.90	413.91	0.00	0.00	0.00
ENSMUSG00000030134	Rasgef1a	415.85	396.57	328.66	53.15	260.26	204.26	138.53	108.05	66.43	29.39	478.09	711.97	417.31	743.87	349.11	529.71	534.46	549.86	663.61	298.60	163.43	74.47	717.93	82.07	189.06	0.00	0.00	0.00
ENSMUSG00000030142	Clec4e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.08	0.00	32.46	0.00	0.00	40.53	13.49	28.31	0.00	0.00	0.00	0.00	0.00	15.15	34.68	0.00	0.00	0.00
ENSMUSG00000030144	Clec4d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.18	5.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000030148	Clec4a2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.69	0.00	71.87	39.15	0.00	59.38	59.15	0.00	0.00	46.79	0.00	39.77	0.00	0.00	48.10	0.00	0.00	0.00
ENSMUSG00000030151	Clec4d	0.00	3.22	81.23	0.00	54.02	35.47	66.78	27.91	78.08	73.94	70.26	203.31	208.66	195.75	0.00	72.58	193.03	68.60	283.48	354.74	28.26	206.48	103.56	106.00	166.68	0.00	0.00	0.00
ENSMUSG00000030155	Clec2e	41.12	0.00	0.00	0.00	12.89	0.00	0.00	17.17	0.00	0.00	0.00	20.10	0.00	140.94	271.53	125.36	0.00	82.75	175.84	27.22	83.24	209.02	77.45	152.77	43.63	0.00	0.00	0.00
ENSMUSG00000030156	Cd69	39.25	0.00	0.00	0.00	25.78	135.96	125.03	11.45	0.00	106.18	261.96	119.82	236.48	138.33	252.85	267.69	150.48	231.92	146.93	196.51	466.62	143.86	224.52	68.18	49.22	0.00	0.00	0.00
ENSMUSG00000030158	Clec12b	189.70	66.63	98.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	646.11	358.69	825.35	702.11	465.48	619.26	127.65	206.88	556.42	233.09	265.00	69.39	332.42	183.08	240.52	0.00	0.00	0.00
ENSMUSG00000030165	Klrd1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.23	0.00	53.32	114.84	326.12	38.64	57.08	74.04	8.43	34.88	31.31	0.00	120.09	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000030173	Klra5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000030187	Klra2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.13	0.00	32.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000030200	Bcl2l14	716.76	315.96	814.57	1016.81	677.05	398.02	352.35	372.80	452.19	156.42	1757.34	1403.07	1653.03	1519.06	1383.50	1566.52	2327.77	3102.10	3016.96	3022.53	2380.45	1772.02	1186.11	2082.02	2308.95	0.00	0.00	0.00
ENSMUSG00000030209	Grin2b	69.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	220.72	105.91	183.15	127.89	186.76	157.41	58.12	14.15	213.17	153.98	0.00	48.24	91.37	25.25	0.00	0.00	0.00	0.00
ENSMUSG00000030226	Lmo3	190.64	54.81	244.44	147.72	204.41	116.25	189.67	107.33	0.00	95.75	250.50	435.22	322.26	537.67	149.41	232.81	97.55	289.63	132.48	205.02	44.29	66.85	29.59	85.86	98.44	0.00	0.00	0.00
ENSMUSG00000030230	Plcz1	80.37	102.10	0.00	33.82	73.05	0.00	34.10	39.36	0.00	0.00	80.96	279.07	141.42	91.35	239.92	149.87	173.31	76.22	239.67	116.55	263.48	12.69	258.46	123.73	180.11	0.00	0.00	0.00
ENSMUSG00000030247	Kcnj8	41.12	0.00	0.00	6.90	0.00	0.00	227.32	0.00	0.00	34.13	46.59	94.31	4.64	0.00	320.37	56.55	0.00	0.00	113.21	11.91	0.00	21.16	0.00	90.91	0.00	0.00	0.00	0.00
ENSMUSG00000030256	Ptprhe41	2252.14	3592.74	2893.83	2199.98	2996.56	3676.76	2087.83	2520.17	3917.03	2218.34	2138.44	1337.36	1305.26	1109.28	600.52	1593.25	2026.81	1713.33	1892.08	2070.60	2522.50	3039.68	2290.42	2441.86	2956.90	0.00	0.00	0.00
ENSMUSG00000030263	Lmp	5090.21	2288.04	3127.10	2220.69	3307.31	399.99	888.69	392.84	861.26	270.18	305.49	328.54	264.30	289.72	0.00	899.20	4559.03	5548.72	3923.86	6694.15	1594.61	1237.20	770.15	2511.30	1565.03	0.00	0.00	0.00
ENSMUSG00000030270	Cpne9	46.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	486.50	285.25	74.19	396.73	380.71	215.84	238.69	270.03	272.19	192.26	100.81	110.86	169.69	190.65	105.16	0.00	0.00	0.00
ENSMUSG00000030281	Il17rc	670.03	924.25	473.98	697.89	940.39	1251.86	1008.04	1048.28	423.05	1569.90	570.51	484.70	345.44	428.05	528.69	677.70	640.32	506.31	643.14	396.43	898.11	871.62	874.57	1042.90	685.75	0.00	0.00	0.00
ENSMUSG00000030302	Atp2b2	456.03	0.00	68.56	42.11	0.00	0.00	0.00	0.00	0.00	0.00	1664.17	1396.11	1947.46	1761.79	1318.85	2057.59	1231.86	856.92	1571.71	1094.00	866.80	547.51	604.80	431.81	758.46	0.00	0.00	0.00
ENSMUSG00000030303	Far2	64.48	45.14	234.01	61.44	264.56	80.13	137.10	167.44	78.08	219.94	680.48	900.59	280.53	733.43	895.03	902.02	275.02	578.17	657.59	677.16	360.47	361.34	301.97	248.73	482.15	0.00	0.00	0.00
ENSMUSG00000030309	Caprin2	786.85	1013.45	692.34	1215.62	946.52	862.38	685.52	898.73	860.09	1091.16	1136.43	557.36	765.08	884.81	497.08	1076.40	640.32	357.14	1209.19	578.47	393.31	378.27	698.79	592.16	294.21	0.00	0.00	0.00
ENSMUSG00000030319	Cand2	266.33	245.03	636.45	461.81	567.79	333.00	228.03	540.24	890.39	714.80	126.78	160.79	210.98	2.61	386.46	65.04	124.54	324.47	160.18	136.96	166.49	172.63	253.23	68.18	102.92	0.00	0.00	0.00
ENSMUSG00000030324	Rho	73.83	64.48	0.00	0.00	0.00	7.88	0.00	59.39	0.00	104.28	0.00	30.15	67.23	65.25	0.00	32.05	0.00	56.62	96.35	30.63	0.00	0.00	0.00	35.35	0.00	0.00	0.00	0.00
ENSMUSG00000030325	Klrb1c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000030336	Cd27	477.53	131.11	25.34	77.31	106.81	111.00	134.26	89.44	0.00	38.87	199.33	86.58	108.97	112.23	0.00	426.03	170.20	189.46	20.47	54.44	373.45	176.86	191.45	309.34	0.00	0.00	0.00	0.00
ENSMUSG00000030337	Vamp1	1091.49	150.46	327.17	352.74	623.65	401.30	591.75	502.32	1101.34	38.87	797.33	649.35	932.00	751.70	993.90	846.41	1405.17	1046.37	724.85	980.00	843.89	915.63	1052.97	621.20	515.71	0.00	0.00	0.00
ENSMUSG00000030340	Scnn1a	1783.96	1399.26	1109.69	1454.46	557.36	618.05	1664.44	1591.39	449.86	643.70	1720.68	1461.05	1534.79	1104.06	1096.17	3218.82	2851.86	2237.56	1939.05	2420.24	4123.98	3034.60	3305.97	5470.82	2721.74	0.00	0.00	0.00
ENSMUSG00000030344	Akap3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	0.00	16.60	50.09	4.82	0.00	0.00	0.00	0.00	113.63	33.56	0.00	0.00	0.00
ENSMUSG00000030361	Klrb1a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.66	0.00	12.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000030364	Clec2h	0.00	0.00	48.44	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	8.50	46.37	20.88	0.00	120.65	0.00	0.00	0.00	57.00	26.73	30.46	0.00	56.82	0.00	0.00	0.00	0.00
ENSMUSG00000030365	Clec2i	602.75	185.92	116.26	0.00	0.00	41.38	43.33	60.82	100.23	58.78	1402.21	1893.95	2061.07	1769.62	1708.18	1577.83	847.88	1168.32	1498.24	1379.83	1194.43	848.77	957.24	805.53	731.61	0.00	0.00	0.00
ENSMUSG00000030378	Sult2a8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.17	16.23	0.00	7.83	0.00	15.08	0.00	0.00	89.12	0.00	0.00	0.00	0.00	25.25	0.00	0.00	0.00	0.00
ENSMUSG00000030393	Zik1	93.45	545.95	424.05	39.35	283.59	159.60	318.96	186.04	313.50	181.07	431.51	167.75	294.44	172.26	0.00	202.65	175.39	144.82	128.87	91.88	19.86	126.09	206.24	152.77	136.48	0.00	0.00	0.00
ENSMUSG00000030401	Rtn2	19.62	1.07	112.53	133.92	185.99	92.61	75.30	82.29	5.83	151.68	133.65	115.96	134.47	138.33	525.81	101.80	162.93	35.93	269.78	79.11	129.07	80.39	167.95	40.40	77.19	0.00	0.00	0.00
ENSMUSG00000030411	Nova2	167.28	3.22	78.25	66.96	83.48	48.60	0.00	25.76	30.30	350.76	147.40	34.79	9.27	28.71	257.16	176.26	176.43	309.23	387.81	233.94	9.93	73.62	0.00	367.41	90.61	0.00	0.00	0.00
ENSMUSG00000030468	Siglecg	7.48	1.07	0.00	15.19	0.00	0.00	0.00	21.47	0.00	112.81	221.48	87.35	102.01	193.14	714.02	109.34	309.26	223.21	72.26	193.11	36.66	248.79	206.24	138.89	48.10	0.00	0.00	0.00
ENSMUSG00000030472	Ceacam18	362.58	296.62	0.00	0.00	48.49	0.00	0.00	0.00	0.00	0.00	1186.83	575.91	734.94	689.06	650.80	830.39	706.74	692.50	431.17	830.28	507.86	468.81	499.51	359.84	402.72	0.00	0.00	0.00
ENSMUSG00000030474	Siglece	99.99	72.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	494.90	457.64	245.75	219.25	561.73	351.57	395.40	407.23	355.29	293.49	87.83	41.47	0.00	90.91	129.77	0.00	0.00	0.00
ENSMUSG00000030495	Slc7a10	128.03	42.99	0.00	0.00	0.00	0.00	54.70

ENSMUSG00000031066	Usp11	2022.25	2521.26	2161.99	1567.67	2569.49	1655.79	2063.67	2367.76	1991.73	2350.12	1339.58	1628.02	1708.67	1122.33	847.62	1545.79	1549.43	1339.27	1422.37	1243.72	1470.89	703.22	1824.86	1337.09	1279.77
ENSMUSG00000031089	Slc6a14	158.86	0.00	33.54	0.00	13.50	0.00	0.00	0.00	0.00	42.66	253.56	214.13	310.67	214.03	399.39	159.29	102.74	188.37	461.28	375.16	776.68	481.51	344.61	503.77	497.81
ENSMUSG00000031097	Tnni2	34.58	33.32	97.63	95.26	115.40	0.00	0.00	80.14	0.00	0.00	0.00	219.19	12.37	9.27	5.22	0.00	155.52	221.05	125.22	221.61	200.76	25.97	160.78	42.64	118.68	132.00
ENSMUSG00000031104	Rab33a	71.96	0.00	59.62	34.51	70.59	97.21	0.00	23.61	36.13	0.00	109.98	165.43	37.09	62.64	0.00	83.89	106.89	78.40	18.07	89.32	115.32	37.23	59.18	133.83	46.98
ENSMUSG00000031107	Rbmx2	278.48	883.41	503.79	212.61	113.56	395.39	591.75	283.36	222.60	530.89	555.23	283.71	521.64	281.89	238.48	212.07	201.33	524.82	446.82	383.66	347.48	340.19	452.52	410.34	239.40
ENSMUSG00000031125	3830403N18	0.00	0.00	0.00	46.94	0.00	0.00	33.39	0.00	0.00	0.00	24.44	0.77	0.00	0.00	0.00	96.14	0.00	0.00	0.00	0.00	0.00	0.00	60.92	0.00	0.00
ENSMUSG00000031129	Slc9a9	683.12	478.24	515.72	826.98	956.35	505.08	949.08	644.71	840.28	328.01	537.67	384.20	901.86	475.03	751.37	799.28	941.28	950.56	1123.68	1236.06	616.31	1084.87	1153.04	943.16	1431.91
ENSMUSG00000031137	Fgf13	377.54	0.00	149.80	119.42	176.17	133.33	193.94	250.44	149.18	451.25	419.29	862.71	598.15	858.71	410.88	656.02	636.17	264.59	446.82	688.22	384.14	103.24	530.84	260.09	359.09
ENSMUSG00000031142	Cacna1f	23.36	0.00	5.96	44.18	0.00	0.00	28.42	0.00	0.00	0.00	18.33	47.93	34.78	33.93	0.00	73.52	32.17	0.00	56.61	0.00	45.82	0.00	0.00	18.94	135.36
ENSMUSG00000031144	Syp	45.79	0.00	55.89	36.59	0.00	0.00	29.13	0.00	97.90	42.66	126.78	128.32	60.28	112.23	1.44	85.77	211.71	292.90	236.06	326.67	42.00	151.48	78.32	159.09	108.51
ENSMUSG00000031145	Prickle3	552.29	1114.47	1070.19	907.74	1184.69	1000.30	1328.42	1318.05	703.92	1102.53	316.18	320.81	493.82	294.94	0.00	227.16	594.66	807.92	470.91	713.74	917.20	568.67	1048.62	1085.83	795.38
ENSMUSG00000031148	Magix	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.55	9.27	0.00	0.00	0.00	62.06	40.95	5.95	0.00	0.00	0.87	92.17	0.00	0.00
ENSMUSG00000031149	Praf2	240.17	662.02	733.33	375.52	559.81	309.35	348.09	565.29	420.72	215.20	668.26	801.64	945.91	595.09	452.55	177.20	216.90	252.61	715.40	358.14	687.33	638.91	661.37	228.53	155.50
ENSMUSG00000031150	Ccdc120	1343.81	307.37	1094.04	1005.77	1155.23	1180.92	922.79	1241.48	592.04	613.36	1017.29	1042.06	897.22	798.68	1058.81	562.70	1063.74	1696.41	975.55	1091.45	1227.27	684.61	996.40	1029.01	696.94
ENSMUSG00000031155	Pim2	337.35	443.85	210.16	124.25	117.86	122.16	0.00	100.18	203.95	234.16	418.52	708.88	820.72	548.11	406.57	523.12	526.16	752.39	398.65	516.37	187.87	316.49	467.31	462.11	675.68
ENSMUSG00000031162	Gata1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.07	0.00	0.00	0.00	20.87	16.23	0.00	0.00	32.05	0.00	11.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031169	Porcn	85.97	222.46	49.93	230.56	181.08	94.58	149.18	116.63	0.00	59.72	0.00	114.41	30.14	73.08	0.00	0.00	162.93	190.55	61.42	51.89	40.48	22.00	176.66	209.59	222.62
ENSMUSG00000031196	F8	524.25	200.97	357.72	243.68	166.35	125.45	261.42	216.10	755.20	155.47	514.75	878.95	319.94	832.61	976.92	684.29	427.57	606.48	450.44	626.96	532.30	298.72	376.81	314.39	241.63
ENSMUSG00000031227	Magee1	57.00	0.00	322.70	184.31	128.90	290.96	506.51	163.15	189.97	668.35	194.75	164.66	169.24	234.91	0.00	86.71	358.04	274.39	237.26	260.31	0.00	139.63	44.38	165.40	185.70
ENSMUSG00000031233	Pgk2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.73	23.19	0.00	0.00	0.00	25.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031250	Tnmd	362.58	586.79	58.88	0.00	44.81	3.94	107.98	0.00	0.00	0.00	1422.83	1283.25	1435.10	879.59	2083.14	1476.98	1536.97	1106.26	1435.62	1093.15	1002.74	1097.57	901.55	675.49	634.29
ENSMUSG00000031253	Srpx2	0.00	138.64	0.00	75.24	84.09	32.18	0.00	0.00	0.00	178.23	73.32	16.23	39.41	13.05	0.00	144.21	277.09	69.69	119.23	142.07	53.46	0.00	0.00	137.62	40.27
ENSMUSG00000031258	Xkrx	291.56	21.49	11.18	131.16	189.06	148.44	23.44	93.02	0.00	0.00	80.19	202.54	95.05	339.31	137.92	247.89	302.00	383.27	55.40	207.57	500.22	250.49	207.98	311.86	228.21
ENSMUSG00000031266	Gla	545.75	113.92	548.51	621.27	290.34	294.25	527.11	437.92	314.67	364.04	277.23	388.07	463.68	736.04	1027.21	416.61	572.86	499.78	452.85	404.08	239.04	620.29	417.71	405.29	608.56
ENSMUSG00000031270	4930513O06	0.00	0.00	0.00	20.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.03	111.28	0.00	0.00	0.00	117.27	34.84	0.00	29.77	29.78	0.00	0.00	0.00	0.00
ENSMUSG00000031271	Serpina7	163.54	78.45	0.00	0.00	0.00	124.32	71.56	0.00	111.87	310.84	47.93	55.64	99.18	647.93	304.44	601.92	525.91	130.07	815.82	1431.17	611.83	519.52	1313.10	985.55	
ENSMUSG00000031283	Chrdl1	0.00	12.90	66.33	86.29	151.62	0.00	0.00	0.00	0.00	55.75	126.01	92.74	104.40	495.64	72.58	107.93	152.44	102.37	258.61	35.13	140.48	0.00	131.31	0.00	
ENSMUSG00000031285	Dcx	0.00	0.00	524.66	298.21	344.36	116.91	142.79	30.77	317.00	50.24	72.55	34.79	0.00	60.03	0.00	122.53	77.83	0.00	0.00	45.09	34.37	90.55	0.00	40.40	0.00
ENSMUSG00000031286	Glt28d2	485.00	210.64	241.46	207.78	136.88	187.84	380.77	192.48	432.38	322.32	750.75	871.99	408.04	459.37	817.45	437.34	567.67	302.70	517.88	598.04	544.52	381.65	637.87	465.90	521.30
ENSMUSG00000031289	Il13ra2	272.87	1313.29	751.22	1009.22	1174.87	1973.02	1957.83	1677.25	2279.59	1768.99	352.08	549.63	391.81	712.55	344.80	597.58	338.32	368.03	297.48	488.30	723.22	1265.12	1463.71	554.28	1745.13
ENSMUSG00000031293	Rs1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.76	0.00	0.00	39.98	45.06	0.00	0.00	0.00	0.00
ENSMUSG00000031297	Slc7a3	39.25	0.00	55.15	98.71	33.15	42.04	7.81	0.00	0.00	0.00	335.28	694.19	222.57	566.38	613.45	703.14	485.69	303.79	479.34	404.93	369.63	259.79	703.14	65.65	50.34
ENSMUSG00000031298	Adgrg2	1430.72	1987.13	1530.76	2043.98	2128.76	2035.42	2043.78	3262.92	1737.66	2166.20	930.99	410.48	171.56	441.10	216.93	593.81	481.54	497.60	527.52	685.66	1236.43	1430.99	909.38	1150.22	1190.27
ENSMUSG00000031310	Zmym3	1759.66	1957.04	1739.43	1642.91	1535.80	2541.15	1996.90	2233.24	2516.18	1944.37	1273.14	1193.57	936.64	730.82	670.92	1103.73	1551.50	1559.22	1776.46	1378.98	1822.19	1265.97	1709.12	1204.51	1614.25
ENSMUSG00000031312	Itgb1bp2	128.96	74.15	133.40	0.00	75.50	0.00	0.00	16.46	0.00	0.00	98.52	68.80	0.00	0.00	0.00	0.00	105.86	96.91	48.18	53.59	67.21	79.55	88.76	68.18	0.00
ENSMUSG00000031327	Ohic1	284.09	296.62	241.46	672.35	487.38	309.35	284.15	487.28	304.18	119.45	180.24	126.78	264.30	161.82	235.61	86.71	190.95	256.97	177.04	139.51	76.37	195.48	78.32	126.26	127.53
ENSMUSG00000031330	Zcchc13	0.00	259.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031355	Arhgap6	53.27	47.29	29.81	45.56	31.92	126.76	0.00	75.13	139.85	0.00	135.18	57.98	23.18	0.00	0.00	64.09	63.31	207.97	93.94	126.75	0.00	80.39	0.00	50.50	0.00
ENSMUSG00000031371	Haus7	802.73	1120.92	920.39	610.91	607.08	770.42	608.09	563.14	616.52	565.96	494.13	705.79	593.51	676.01	0.00	644.71	617.49	599.95	923.76	457.68	583.47	307.18	637.00	715.89	286.38
ENSMUSG00000031373	Car5b	33.64	0.00	0.00	0.00	0.00	0.00	21.47	116.54	0.00	123.72	129.10	215.61	91.35	188.20	178.14	115.20	94.73	0.00	154.83	23.67	0.00	89.63	0.00	195.77	
ENSMUSG00000031377	Bmx	442.95	154.76	0.00	265.77	261.49	0.00	39.78	27.91	0.00	214.25	0.00	61.84	41.73	156.60	192.51	106.51	882.13	1092.10	982.77	1521.90	547.57	526.36	48.73	640.14	608.56
ENSMUSG00000031380	Vegfd	30.84	0.00	46.95	0.00	0.00	0.00	112.95	58.68	0.00	0.00	66.44	106.68	78.83	7.83	0.00	41.47	69.53	33.75	103.58	85.92	51.93	0.00	28.72	6.31	50.34
ENSMUSG00000031382	Asb11	158.86	324.56	19.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.69	0.00	104.40	0.00	97.08	0.00	157.88	85.51	170.99	641.51	147.25	367.23	169.19	193.53
ENSMUSG00000031390	Avpr2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32	0.00	0.00	0.00	0.00	29.40	0.00	29.77	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031409	Tceal6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.51	44.37	0.00	52.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031430	Vsig1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	248.98	272.11	285.16	274.06	0.00	18.85	42.55	0.00	233.65	0.00	155.79	27.08	0.00	40.40	0.00
ENSMUSG00000031447	Morc4	651.34	461.05	811.59	815.93	1006.07	1031.83	694.05	1083.35	1624.62	722.38	442.96	347.87	479.91	386.29	474.10	519.35	433.80	169.86	275.63	428.44	340.19	496.03	535.34	588.42	
ENSMUSG00000031443	F7	61.68	0.00	0.00	0.00	34.99	53.20	0.00	25.76	125.87	64.46	267.31	105.91	115.92	177.48	0.00	286.54	93.40	225.39	52.99	178.65	158.85	126.94	209.72	85.86	71.60
ENSMUSG00000031444	F10	44.86	147.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.62	367.35	299.94	609.74	161.82	445.36	620.20	405.78	254.79	321.57	282.43	118.37	377.42	123.57	196.96	247.23
ENSMUSG00000031445	Proz	722.37	701.78	125.95	399.68	303.85	346.13	329.62	305.54	413.73	672.14	305.49	253.56	389.49	412.39	874.92	632.45	704.66	511.75	852.70	801.36	413.93	388.42	239.31	219.69	561.58
ENSMUSG00000031449	Atp4b	203.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	298.62	377.24	405.72	399.34	1376.31	416.61	248.03	342.98	131.28	231.39	302.43	84.62	249.75	69.44	33.56
ENSMUSG00000031452	1700029H14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	6.96	54.81	0.00	32.99	96.51	0.00	18.07	6.81	23.67	0.00	92.24	31.56	0.00
ENSMUSG00000031461	Myom2	60.74	0.00	550.00	546.72	577.00	319.20	169.78	213.23	319.33	109.02	332.99	298.39	285.16	300.16	0.00	229.98	531.35	160.06	261.35	245.00	436.07	203.94	145.33	224.74	316.59
ENSMUSG00000031480	Thsd1	175.69	179.48	107.32	42.11	12.28	23.64	0.00	0.00	0.00	0.00	24.44	104.36	23.18	13.05	77.58	200.76	175.39	138.28	72.26	116.55	77.90	0.00	218.43	61.87	110.75
ENSMUSG00000031482	Slc25a15	470.99	81.68	82.72	238.15	222.82	348.76	343.12	406.43	444.03	253.12	234.46	301.49	535.55	284.50	887.85	423.21	295.77	210.15	85.51	235.64	572.78	346.96	563.03	135.10	106.27
ENSMUSG00000031487	Brf2	206.52	520.16	294.38	231.25	165.12	160.26	18.47	138.10	424.22	187.71	206.21	78.08	106.65	195.75	73.27	261.09	407.85	293.99	27.70	291.79	288.68	104.09	308.06	126.26	297.57
ENSMUSG00000031488	Rab11fip1	2882.92	1386.37	1326.56	1288.79	1183.46	947.10	960.44	1333.79	983.63	838.04	4906.96	5903.71	6192.47	7334.27	4308.52	6030.45	5834.48	4740.80	4471.85	5441.92	4587.55	5134.11	3275.52	3691.82	3283.31
ENSMUSG00000031497	Tnfsf13b	189.70	29.02	0.00	37.97	51.56	42.69	0.00	89.44	0.00	103.33	29.02	138.37	57.96	44.37	383.59	170.60	103.78	351.69	32.52	216.93	0.00	93.09	0.00	200.75	346.79
ENSMUSG00000031539	Aqp3m2	745.73	439.95	410.64	266.46	166.35	220.68	95.19	276.92	337.98	281.56	658.22	608.38	537.87	631.64	533.00	1143.32	915.71	1178.12	842.27	1191.83	714.06	522.97	920.69	656.02	633.17
ENSMUSG00000031545	Gpat4	1686.77	2896.33	2206.71	1721.61	2387.80	2622.60	2362.75	2565.97	2459.07	2387.09	1761.92	1622.61	1643.75	1840.09	1482.62	1954.85	1936.52	2093.83	1671.68	1310.08	1764.15	1714.47	1635.15	1481.02	2374.95
ENSMUSG00000031554	Adam5	54.20	0.00	62.60	62.13	32.53	74.22	0.00	12.88	0.00	0.00	0.00	0.00	0.00	109.62	0.00	138.56	40.47	69.69	0.00	66.35	38.19	0.00	39.16	46.72	45.87
ENSMUSG00000031562	Dctd	431.74	307.37	232.52	396.23	494.75	177.99	391.42	285.51	320.49	202.87	152.75	187.08	285.16	501.13	153.72	212.07	86.14	227.57	615.44	134.41	253.55	39.77	0.00	127.52	159.97
ENSMUSG00000031576	Kcnu1	23.36	0.00	97.63	0.00	19.03	47.29	0.00	12.16	0.00	52.14	71.03	0.00	0.00	57.42	0.00	15.08	47.74	17.42	0.00	36.58	12.22	0.00	114.00	46.72	0.00
ENSMUSG00000031620	Iqcm	31.77	0.00	0.00	0.00	0.00	0.00	39.78	0.00	0.00	0.00	27.49	23.19	0.00	0.00	0.00	23.56	0.00	22.87	65.04	79.11	0.00	0.00	0.00	2.53	0.00
ENSMUSG00000031629	Cenpu	251.38	76.30	117.01	224.35	71.20	55.17	70.33	122.36	250.57	182.97	74.08	21.65	102.01	315.82	170.96	28.28	158.78	271.12	393.83	102.93	113.03	38.08	87.02	90.91	90.61
ENSMUSG00000031631	Cfap97	563.50	391.19	576.83	721.36	791.84	465.01	411.31	851.51	715.58	771.68	775.18	845.71	825.35	777.80	790.16	944.44	485.69	856.92	1046.60	634.62	982.88	658.37	555.20	801.75	739.44
ENSMUSG00000031635	Anxa10	436.41	255.78	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	234.46	196.35	67.23	78.30	955.37	676.75	376.72	356.05	628.68	770.73	565.14	719.30	597.84	367.41	328.89
ENSMUSG00000031637	Lrp2bp	79.43	0.00	9.69	0.00	0.00	55.83	0.00	0.00	0.00	0.00	0.00	147.65	30.14	5.22	0.00	80.12	189.92	64.24	68.65	65.50	29.78	40.62	27.85	77.02	121.94
ENSMUSG00000031651	Trim1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.77	9.64	79.97	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031661	Nkd1	153.26	0.00	63.35	80.07	55.86	48.60	112.24	32.20	254.06	0.00	119.14	103.59	85.78	360.19	76.14	134.79	233.50	78.40	77.08	70.61	96.23	0.00	109.65	180.55	183.46
ENSMUSG00000031662	Snx20	178.49	0.00	0.00	43.58	44.01	19.89	20.75	0.00	91.96	78.66	33.24	99.69	70.47	0.00	204.53	244.92	160.06	119.23	143.77	204.87	324.11	229.74	118.68	0.00	
ENSMUSG00000031665	Sall1	45.79	0.00	0.00	19.33	0.00	0.00	0.00	0.00	0.00	0.00	41.24	0.00	0.00	0.00	0.00	73.52	0.00	8.71	113.21	23.82	30.55	0.00	0.00	34.09	41.39
ENSMUSG00000031682	1700011L22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.52	64.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031698	Mylk3	133.63	0.00	0.00	29.68	0.00	0.00	0.00	0.00	0.00	0.00	935.57	449.14	394.13	498.52	609.14	480.70	446.25	534.62	918.94	497.66	260.42	93.93	455.13	234.84	365.81
ENSMUSG00000031723	Txnl4b	114.01	484.69	137.13	129.78	192.74	154.35	349.51	184.61	372.94	0.00	396.38	188.62	132.15	88.74	179.58	180.97	75.76	132.84	533.54	197.36	267.30	95.62	160.12	292.92	137.60
ENSMUSG00000031728	Zfp821	1369.04	2147.26	1896.68	1188.01	1735.30	1809.48	1636.02	1574.93	1659.58	2297.03	492.61	892.86	783.62	970.94	797.34	1012.30	1065.81	1489.53	875.58	779.24	927.90	1287.13	788.42	1242.39	728.26
ENSMUSG00000031748	Gnao1	196.24	20.42	155.01	111.14	137.50	47.95	104.43	51.52	120.04	290.09	207.73	197.13	173.88	279.28	953.94	442.06	724.38	399.60	325.18	642.28	174.12	181.09	282.82	482.31	299.81
ENSMUSG00000031756	Cenpn	732.65	669.54	740.04	412.11	350.50	367.15	240.11	226.11	46.62	185.81	242.10	572.05	667.70	310.60	70.40	194.17	159.82	218.86	508.25	474.69	351.30	585.60	256.72	208.33	115.22
ENSMUSG00000031767	Nudt7	251.38	0.00	76.02	79.38	141.79	75.53	257.16	91.59	242.41	65.41	41.24	80.40	127.51	67.86	323.25	124.42	207.56	218.86	134.89	196.51	426.91	120.17	120.09	159.09	144.31
ENSMUSG00000031778	Cx3d1	1469.03	1420.76	1012.80	2220.00	1720.56	3063.31	2269.68	2681.89	3517.28	2316.93	1795.53	2225.58	2130.62	1821.82	2679.36	2567.51	1354.32	1306.60	1335.65	1548.27	1969.58	1572.31	1636.89	1385.07	2992.46
ENSMUSG00000031787	Katnb1	735.45	1652.89	653.59	920.17	1277.38	1062.04	1487.55	1040.41	907.87	620.95	1263.21	912.96	707.11	1015.31	1101.91	1109.38	963.07	1183.57	596.17	843.89	709.48	850.47	870.22	553.02	1019.11
ENSMUSG00000031791	Tmem38a	527.99	420.21	770.60	435.58	392.24	141.87	183.28	312.70	287.86	450.30	1034.09	1010.36	1075.74	769.97	1478.31	1158.40	481.54	912.45	904.49	1242.02	1117.29	665.14	549.98	640.14	590.86
ENSMUSG00000031803	B3gnt3	366.32	518.01	88.69	171.19	222.82	493.26	28.42	216.10	223.76	403.85	516.28	490.11	412.68	448.93	0.00	357.23	438.99	819.89	458.87	513.82	903.46	291.95	517.78	566.90	616.39
ENSMUSG00000031805	Jak3	2421.28	3253.13	2359.48	3750.40	4898.97	4101.05	3461.00	4344.83	2454.41	2712.25	2000.21	1688.32	1537.11	1592.14	643.62	1471.33	1451.87	1009.35	1835.47	1492.13	2089.48	1529.99	1705.63	1775.21	2401.80
ENSMUSG00000031809	1700018B08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	0.00	41.73	28.71	0.00	0.00	38.40	0.00	118.03	25.52	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031831	Dnaaf1	0.00	101.02	0.00	0.00	37.44	0.00	0.00	0.00	34.96	0.00	27.49	76.53	0.00	0.00	0.00	114.05	419.27	39.20	138.50	119.10	163.43	37.23	26.98	73.23	0.00
ENSMUSG00000031840	Rab3a	41.12	80.60	236.25	65.58	128.90	118.88	103.01	113.77	82.75	0.00	206.97	186.30	255.03	305.38	0.00	0.94	154.63	0.00	51.79	52.74	101.57	112.55	161.86	58.08	0.00
ENSMUSG00000031841	Cdh13	133.63	1.07	66.33	190.52	115.40	107.71	326.07	27.19	0.00	235.11	377.28	350.19	213.29	159.21	307.44	89.54	205.48	240.63	360.11	220.33	429.96	484.05	114.00	219.69	156.61
ENSMUSG00000031847	1700030J22	41.12	84.90	0.00	123.56	20.26	74.88	141.37	21.47	68.76	215.20	61.86	47.93	78.83	23.49	350.54	65.98	134.91	64.24	157.77	202.47	154.27	66.01	42.64	73.23	25.73
ENSMUSG00000031851	Ntpcr	546.68	419.13	850.34	896.01	723.09	638.41	412.02	808.57	533.77	334.65	138.23	99.72	245.75	221.86	0.00	169.66	154.63	270.03	105.99	65.50	365.05	211.56	293.26	191.91	333.37
ENSMUSG00000031880	Rrad	215.87	898.45	1577.71	1821.01	774.04	1806.85	1037.87	1783.16	462.68	581.13	668.26	831.02	716.39	1443.36	877.79	645.65	408.89	615.19	485.36	483.20	800.36	802.23	950.28	436.86	819.99
ENSMUSG00000031883	Car7	498.09	403.01

ENSMUSG00000032396	Dis3l	651.34	922.10	390.51	693.75	532.80	560.91	783.56	650.44	519.78	938.53	661.39	816.33	382.54	467.20	334.74	968.00	480.50	579.26	356.50	883.02	738.50	707.45	657.02	881.29	573.88
ENSMUSG00000032409	Atr	1542.86	1157.46	2077.03	1760.26	1897.96	1016.72	1942.91	1733.07	1280.81	1458.04	1722.97	2193.11	2399.55	1894.91	1597.56	1794.62	1689.53	2224.49	1824.63	1207.14	1773.31	1967.50	1324.48	1044.17	1111.96
ENSMUSG00000032410	Xm1	1654.99	1803.35	1495.73	1292.93	1725.47	1486.33	1869.03	1583.52	2157.22	1432.44	1789.42	1396.88	1010.83	931.79	1209.66	1353.51	1328.38	1216.23	1411.53	1405.35	1700.76	1793.17	1367.12	1295.42	1460.99
ENSMUSG00000032415	Ube2cbp	58.87	0.00	29.81	80.77	92.69	95.89	49.73	21.47	170.15	0.00	189.40	0.00	67.23	13.05	0.00	42.41	0.00	138.28	67.45	85.92	40.48	93.09	0.00	49.24	0.00
ENSMUSG00000032417	Rwdd2a	81.30	181.62	71.54	7.59	75.50	0.00	76.01	3.58	0.00	0.00	190.17	33.24	178.52	0.00	0.00	16.02	220.01	182.92	19.27	5.95	59.57	186.17	50.47	109.85	38.03
ENSMUSG00000032419	Tbx18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	135.94	172.39	62.60	80.91	557.42	189.45	40.47	106.71	199.93	182.90	236.75	88.01	67.88	41.67	0.00
ENSMUSG00000032446	Eomes	67.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	201.62	160.79	245.75	93.96	140.79	607.00	140.10	101.26	120.44	280.73	199.33	144.71	248.01	184.34	61.53
ENSMUSG00000032452	Clstn2	57.94	266.53	149.05	195.35	84.09	0.00	17.76	0.00	0.00	0.00	482.68	446.82	670.02	555.94	68.96	469.39	313.41	401.78	463.69	352.19	122.96	136.24	38.29	10.10	83.90
ENSMUSG00000032456	Nmnat3	157.00	236.43	158.74	363.10	203.18	217.40	95.19	158.85	99.06	651.28	99.28	119.05	141.42	287.11	433.87	161.18	147.37	488.89	405.87	70.61	131.36	36.39	40.03	308.07	267.36
ENSMUSG00000032462	Pik3cb	509.30	196.67	572.36	660.62	691.17	623.96	675.58	644.00	787.83	723.33	1102.06	1471.10	1219.48	1320.69	1088.98	1077.34	1049.21	1205.34	1123.68	1357.71	1239.49	1113.65	831.93	595.94	513.47
ENSMUSG00000032478	Nme6	215.87	718.98	322.70	407.28	343.13	58.46	76.01	170.30	1240.02	422.81	148.93	140.69	345.44	255.79	74.71	366.65	240.77	314.67	283.03	324.97	126.77	321.57	217.56	226.00	336.72
ENSMUSG00000032482	Csgp5	106.53	0.00	102.85	37.97	0.00	7.88	0.00	0.00	0.00	1.90	55.75	29.38	44.05	70.47	399.39	295.02	148.40	117.59	162.59	100.38	61.10	124.40	24.37	75.76	89.49
ENSMUSG00000032487	Ptgs2	3917.41	1761.44	4034.08	3816.67	3582.92	3263.63	3858.82	3024.64	1924.13	1950.06	10617.36	12133.64	12878.76	14809.49	6387.35	9126.74	8359.43	7651.26	9677.17	10961.25	11143.92	8911.71	10754.20	6483.42	7796.05
ENSMUSG00000032489	Kif9	339.22	103.17	28.32	91.81	57.09	150.41	114.37	175.31	0.00	56.88	1050.13	870.44	915.77	879.59	1597.56	905.79	1139.50	620.64	1094.78	1116.12	914.91	379.96	383.77	729.78	643.24
ENSMUSG00000032491	Nradd	421.46	111.77	320.46	254.72	427.84	786.84	634.38	623.96	509.30	875.96	83.25	180.12	359.35	130.50	0.00	125.36	361.15	344.07	0.00	235.64	346.72	94.78	251.49	252.52	271.84
ENSMUSG00000032492	Pth1r	285.02	169.80	109.55	27.61	0.61	68.96	0.00	24.33	27.97	0.00	206.21	534.17	760.44	339.31	1044.45	633.40	441.06	430.09	452.85	502.76	129.83	332.57	125.31	78.28	111.87
ENSMUSG00000032495	Lmc2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.33	13.91	15.66	0.00	0.00	41.51	44.64	0.00	83.37	33.60	0.00	14.79	1.26	0.00
ENSMUSG00000032502	Stac	123.35	0.00	0.00	36.59	34.99	114.94	67.49	45.80	95.57	0.00	349.02	303.03	424.27	242.74	655.11	414.72	453.52	623.90	540.77	533.39	662.13	466.28	0.87	347.21	300.92
ENSMUSG00000032503	Arpp21	941.97	314.89	373.37	372.76	373.82	655.48	229.45	289.08	607.19	189.60	284.11	347.87	252.71	347.14	4.31	863.38	839.58	142.64	151.75	338.58	556.74	395.19	348.96	847.20	296.45
ENSMUSG00000032507	Fbxl2	154.19	0.00	68.56	24.16	68.14	68.31	96.61	73.70	0.00	0.00	231.41	199.44	449.77	206.19	0.00	457.14	240.77	157.88	569.67	239.90	110.74	90.55	126.18	143.94	130.89
ENSMUSG00000032511	Scn5a	735.45	220.31	420.33	743.45	623.04	0.00	242.95	93.02	90.90	135.57	1276.19	1763.30	2121.34	2051.51	476.97	1468.50	1228.75	1124.77	1464.52	1372.18	673.58	700.68	557.81	511.35	308.75
ENSMUSG00000032519	Slc25a38	1796.10	1924.79	1656.71	1292.24	1657.95	1174.36	1377.44	1419.66	1237.69	774.52	2647.85	2330.72	2564.16	2349.06	3009.79	2186.72	2921.39	1956.64	2501.49	1787.32	1756.51	1989.50	1133.03	1862.33	1535.94
ENSMUSG00000032523	Hhatl	87.84	0.00	47.70	68.34	0.00	0.00	0.00	0.00	0.00	0.00	367.35	247.37	435.86	555.94	0.00	235.64	263.60	102.35	281.82	307.10	438.36	275.03	39.16	348.48	66.00
ENSMUSG00000032530	Lyz4	44.86	0.00	35.03	26.23	49.72	0.00	61.80	66.55	0.00	0.00	61.10	80.40	106.65	46.98	0.00	109.34	0.00	42.46	139.71	102.93	25.20	82.08	0.00	44.19	0.00
ENSMUSG00000032534	Cep63	2222.23	1089.75	1756.57	1361.27	1430.22	1738.55	1451.32	1479.76	1695.71	2006.94	2792.19	2837.83	3027.84	2030.63	2308.70	2979.41	2519.76	2766.74	2197.99	2276.47	1512.13	1503.76	1946.69	2220.90	1952.09
ENSMUSG00000032561	Acpp	1230.73	3206.92	2150.07	2511.31	2678.14	5402.82	3378.60	3809.60	5539.32	4503.99	534.61	739.80	426.59	331.48	1193.86	1029.27	1715.47	1448.15	1238.10	2094.42	3508.44	2964.37	2400.94	3915.30	5366.29
ENSMUSG00000032564	Cpne4	234.56	132.19	22.36	0.00	34.99	0.00	0.00	34.35	0.00	0.00	1247.17	933.83	983.01	837.83	2124.81	1086.76	996.28	497.60	711.79	868.56	552.92	165.02	326.33	63.13	291.97
ENSMUSG00000032567	Aste1	275.68	736.17	185.57	302.35	243.08	433.49	189.67	442.93	196.96	283.45	329.93	565.09	343.12	428.05	281.58	224.33	372.57	322.30	745.51	250.96	411.63	180.25	232.35	405.29	425.10
ENSMUSG00000032572	Col6a4	2618.46	1411.09	5355.42	5580.38	7450.05	7746.28	5380.47	6217.43	8349.18	7199.18	1819.20	1202.85	1059.51	2121.98	850.50	1426.08	1840.01	2200.54	1281.46	2125.90	2915.81	2581.02	2868.25	2353.47	2899.61
ENSMUSG00000032586	Traip	782.17	389.04	432.99	355.50	365.84	480.78	508.64	568.15	622.34	245.53	808.79	553.50	623.65	592.48	238.48	402.47	423.42	873.25	772.01	544.45	340.61	434.97	385.51	202.02	354.62
ENSMUSG00000032589	Bsn	95.32	204.19	113.28	0.00	18.41	12.48	37.65	12.16	0.00	132.72	77.14	226.50	88.10	18.27	511.45	243.18	314.45	331.01	1.20	128.46	117.61	383.34	89.63	272.72	168.92
ENSMUSG00000032591	Mst1	271.00	0.00	116.26	65.58	142.41	173.39	201.75	62.25	0.00	53.09	56.52	132.96	46.37	15.66	0.00	118.76	400.59	263.50	0.00	210.97	520.08	249.64	342.00	492.41	165.56
ENSMUSG00000032598	Nckipsd	159.80	0.00	543.29	416.94	790.00	893.25	720.33	767.79	279.70	202.87	579.67	906.78	489.18	751.70	0.00	250.72	151.52	256.97	214.38	358.99	692.68	539.90	742.30	151.51	0.00
ENSMUSG00000032609	Kihdc8b	1035.42	2189.17	1076.15	767.61	1287.20	1569.75	1140.88	1896.21	1452.13	2436.38	1836.00	1478.83	1344.68	1884.46	1795.81	2417.65	2228.14	1953.37	1234.49	1789.87	1908.49	1658.62	1481.99	2555.49	2687.06
ENSMUSG00000032611	1700102P08I	0.00	157.98	0.00	0.00	0.00	0.00	0.00	24.33	0.00	0.00	0.00	39.41	0.00	112.06	0.00	0.00	0.00	0.00	0.00	19.57	21.38	93.93	0.00	0.00	0.00
ENSMUSG00000032637	Atxn2l	8855.30	4935.04	6409.96	7995.74	7574.65	6270.45	6883.65	7714.37	5462.40	7786.00	8420.87	8399.08	8993.11	9654.62	5561.26	7521.57	8398.87	8760.79	7877.83	7746.46	8999.45	6754.66	6817.36	5927.83	5867.45
ENSMUSG00000032641	Gpr19	237.36	62.33	225.81	17.95	103.12	19.05	107.98	37.21	0.00	232.26	193.99	119.82	261.98	99.18	202.57	228.10	56.04	247.17	172.23	157.38	112.26	38.93	333.29	217.17	272.96
ENSMUSG00000032657	Fam189b	289.69	111.77	555.96	338.25	320.42	309.35	500.11	456.52	156.17	470.21	270.36	204.86	461.36	169.65	0.00	310.10	242.84	64.24	519.09	272.22	175.65	12.69	263.68	345.95	83.90
ENSMUSG00000032661	Oas3	770.96	1953.81	980.76	999.55	796.14	3009.45	2212.14	2576.70	4268.99	3679.22	473.51	497.84	468.32	566.38	936.70	829.45	497.10	376.74	682.88	808.16	1441.10	2106.28	1783.95	1847.17	3294.50
ENSMUSG00000032688	Malt1	2738.08	2151.56	1451.76	1775.45	3067.92	1779.92	2499.14	2667.58	3011.49	3510.48	2521.07	2595.10	2445.92	2683.14	1764.21	3349.83	3674.83	3169.61	2642.40	4115.68	3912.44	4597.60	3228.52	3227.19	4925.53
ENSMUSG00000032690	Oas2	323.34	42.99	108.81	564.66	512.55	1427.88	1287.93	968.14	1410.18	1386.94	273.41	187.85	71.87	417.61	0.00	479.76	328.98	186.19	143.32	219.48	1270.80	962.17	616.12	462.11	630.93
ENSMUSG00000032714	Syde1	449.49	264.38	596.21	459.05	594.19	627.24	617.33	807.14	420.72	681.62	0.00	32.47	48.69	31.32	0.00	30.16	202.37	106.71	54.20	74.01	144.34	270.80	118.35	357.31	264.01
ENSMUSG00000032715	Trib3	34.58	198.82	139.36	110.45	155.91	137.93	180.44	123.07	61.77	68.26	269.60	385.75	445.13	563.77	328.99	441.11	97.55	157.88	209.56	182.90	244.38	412.12	334.17	142.67	73.83
ENSMUSG00000032719	Sbspon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.70	0.00	63.13	0.00
ENSMUSG00000032739	Pram1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.60	0.00	0.00	0.00	0.00
ENSMUSG00000032750	Gab3	0.00	206.34	0.00	0.00	63.22	88.01	46.18	67.98	52.44	113.76	0.00	27.06	44.05	20.88	0.00	32.05	121.42	54.44	0.00	17.86	45.06	0.00	0.00	0.00	40.27
ENSMUSG00000032762	Chm1	0.00	0.00	64.09	6.90	0.00	0.00	71.75	0.00	0.00	66.36	0.00	30.15	11.59	10.44	0.00	19.79	94.44	0.00	0.00	45.09	102.34	0.00	74.84	16.41	64.88
ENSMUSG00000032776	Mctp2	435.48	418.06	276.49	425.91	370.14	481.43	146.34	527.36	348.47	146.94	305.49	94.31	289.80	287.11	0.00	321.41	597.77	153.53	286.64	501.06	570.48	520.44	366.36	850.99	731.61
ENSMUSG00000032783	Troap	605.55	594.31	289.91	647.50	513.78	564.85	688.36	639.70	127.03	594.40	61.86	558.91	598.15	545.50	356.29	311.04	245.96	548.77	277.01	192.26	349.77	87.16	372.45	133.83	304.28
ENSMUSG00000032796	Lama1	286.89	340.68	0.00	62.13	20.87	0.00	0.00	63.68	0.00	0.00	214.61	502.48	614.38	467.20	823.20	558.93	388.14	388.71	562.44	463.63	193.98	248.79	0.00	280.30	156.61
ENSMUSG00000032815	Fanca	1072.80	602.91	1050.07	659.24	918.29	468.95	559.78	792.12	113.05	212.35	801.15	728.98	841.58	1104.06	675.23	274.28	205.48	474.73	755.14	479.79	509.39	470.51	391.60	251.26	427.33
ENSMUSG00000032834	Pwp2	892.44	1546.50	1042.61	899.46	1093.84	1155.31	769.35	1028.25	665.46	1392.63	482.68	655.54	911.13	315.82	308.88	661.67	656.92	703.39	486.57	717.14	656.78	732.84	1068.63	765.13	738.33
ENSMUSG00000032839	Trpc1	477.53	1571.22	458.33	499.09	432.75	646.29	485.90	558.85	642.16	406.70	438.38	667.91	403.40	623.80	0.00	725.77	498.14	512.84	585.33	405.78	239.80	636.37	603.06	385.09	673.44
ENSMUSG00000032845	Alpk2	349.50	67.71	260.09	424.53	405.13	690.95	397.82	590.33	1316.94	1302.56	497.95	524.89	201.70	563.77	982.67	737.08	632.02	495.42	269.78	458.53	850.76	761.61	321.11	828.26	630.93
ENSMUSG00000032850	Rnfl2	480.33	177.33	94.65	229.18	52.18	230.54	205.30	168.87	95.57	159.27	495.66	933.06	971.41	835.22	1330.34	1099.02	1003.55	546.60	597.37	966.39	378.03	322.42	328.94	294.18	325.53
ENSMUSG00000032890	Rims3	85.97	0.00	43.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	315.42	268.24	139.10	250.57	284.46	490.13	242.84	207.97	221.61	346.23	18.33	176.02	179.27	77.02	41.39
ENSMUSG00000032892	Rangrf	0.00	0.00	48.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.40	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000032921	Oxf4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.36	0.00	0.00	0.00	0.00	93.97
ENSMUSG00000032925	Itgb11	241.10	227.84	248.17	212.61	178.01	0.00	315.41	165.29	144.51	22.75	396.38	456.07	213.29	229.69	216.93	498.61	85.10	420.29	180.66	342.83	407.82	621.98	147.94	380.04	194.85
ENSMUSG00000032936	Camkv	167.28	0.00	0.00	0.00	0.00	34.81	0.00	11.45	0.00	0.00	277.23	187.85	234.16	133.11	466.91	347.80	194.07	280.92	232.44	348.79	214.60	255.56	174.91	208.33	114.10
ENSMUSG00000032940	Rbm11	32.71	0.00	25.34	37.97	61.38	16.42	0.00	15.03	0.00	0.00	54.22	35.56	41.73	28.71	0.00	0.00	48.78	0.00	0.00	50.19	24.44	99.86	60.05	34.09	0.00
ENSMUSG00000032968	Inha	676.58	721.13	723.64	626.10	873.48	926.74	857.44	1084.06	689.94	1161.31	161.91	462.28	482.23	401.95	527.25	385.50	358.04	890.67	482.96	419.39	711.77	682.07	502.99	869.93	917.31
ENSMUSG00000032978	Guca2b	26.17	0.00	0.00	11.74	0.00	0.00	30.55	19.32	0.00	0.00	215.37	5.41	48.69	0.00	0.00	61.27	235.58	169.86	112.01	45.94	105.39	0.00	161.86	108.58	173.39
ENSMUSG00000032988	Slc16a8	0.00	0.00	0.00	17.26	0.00	15.11	0.00	5.72	0.00	0.00	75.61	85.03	210.98	93.96	2.87	167.77	287.47	1.09	244.49	11.06	26.73	0.00	93.11	56.82	0.00
ENSMUSG00000032997	Chpf	1409.22	1135.96	1958.54	1256.34	1497.13	1418.03	1666.57	1927.70	1244.69	1446.66	994.37	1235.32	788.26	1203.24	212.62	801.17	1104.21	1105.17	930.98	842.19	1265.45	881.78	871.09	1268.91	1216.00
ENSMUSG00000033009	Ogfod1	841.05	303.07	722.15	829.05	797.36	576.01	534.21	677.63	639.82	740.40	423.11	355.60	588.88	798.68	892.16	572.13	419.27	460.58	222.81	575.92	927.13	307.18	620.47	901.49	420.62
ENSMUSG00000033024	Klra9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000033029	1700088E04I	312.12	99.95	105.83	0.00	149.16	45.98	21.31	40.79	87.41	82.48	449.07	111.32	97.37	151.38	0.00	136.67	183.69	83.84	321.57	154.83	113.03	192.10	423.80	247.47	87.26
ENSMUSG00000033033	Calhm2	442.95	722.20	216.87	314.78	368.30	611.48	386.45	186.76	230.76	567.86	79.43	260.51	74.19	99.18	0.00	33.93	186.80	153.53	284.23	244.15	235.22	269.10	51.34	165.40	98.44
ENSMUSG00000033055	Ankrd54	970.01	440.63	576.83	629.55	776.49	682.41	944.10	724.85	437.04	950.85	929.46	617.66	644.52	722.99	718.33	822.85	1669.81	1398.07	715.40	908.55	569.72	593.21	735.34	832.05	752.87
ENSMUSG00000033061	Resp18	483.14	94.57	0.00	14.50	0.00	0.00	0.00	0.00	0.00	0.00	849.27	473.87	308.35	441.10	2601.78	937.84	955.81	572.73	1081.53	1284.55	498.70	605.06	463.83	641.40	748.39
ENSMUSG00000033066	Gas7	6035.92	3767.91	5520.87	5343.61	5409.68	4240.95	3953.30	4756.27	4100.00	3854.61	9628.33	12253.46	9626.04	9158.71	10889.82	9129.57	8795.31	8056.31	8401.73	9071.85	8112.79	6980.60	7882.47	6253.63	8644.01
ENSMUSG00000033080	Vsx1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.19	83.49	11.59	78.30	244.23	51.84	31.13	31.58	80.69	57.00	77.13	79.55	0.00	0.00	22.37
ENSMUSG00000033114	Slc35d2	130.83	52.66	70.05	38.66	28.24	65.02	44.75	82.29	315.83	38.87	101.58	215.68	231.84	261.01	73.27	236.58	308.22	235.19	505.84	285.83	234.46	22.85	308.06	133.83	407.20
ENSMUSG00000033128	Gga1	2753.03	2635.17	2227.57	2387.75	2211.63	3567.07	1901.70	2361.32	2319.22	1892.23	2356.10	2768.26	2550.25	1918.40	2596.03	1931.29	2600.71	2535.90	2729.12	3043.80	3387.01	2667.34	3274.65	2958.26	2612.11
ENSMUSG00000033147	Slc22a15	1492.39	1088.68	1182.72	1741.63	1218.45	1510.64	1579.90	1634.32	751.71	1279.81	1873.43	1651.21	2037.88	2124.59	2156.41	1823.84	1849.35	1725.81	1446.46	1513.39	1678.61	1355.67	1453.27	1265.12	1676.90
ENSMUSG00000033182	Kbtbd12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.19	48.70	169.24	7.83	0.00	0.00	0.00	41.38	0.00	75.71	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000033187	BC016579	0.00	0.00	58.88	0.00	29.46	0.66	75.30	0.00	0.00	0.00	275.71	215.68	51.01	313.21	586.15	428.86	534.46	401.78	209.56	312.21	371.16	350.34	380.29	275.25	95.09
ENSMUSG00000033233	Trim45	103.73	101.02	125.95	195.35	178.01	135.96	568.31	135.24	79.25	30.34	16.04	105.13	141.42	23.49	0.00	48.07	182.65	322.30	346.86	254.36	295.55	213.25	108.78	138.89	44.75
ENSMUSG00000033249	Hsf4	33.64	0.00	12.67	3.45	25.78	0.00	22.73	0.00	0.00	40.76	0.00	0.00	9.27	255.79	198.26	8.48	66.42	96.91	0.00	0.00	31.31	129.47	38.29	61.87	23.49
ENSMUSG00000033256	Shf	169.14	78.45	127.44	141.51	329.63	143.84	247.21	221.82	80.42	262.60	630.84	636.21	637.56	694.28	744.19	722.94	706.74	88.20	398.65	521.48	461.28	449.35	538.67	411.61	227.09
ENSMUSG00000033276	Stk36	285.96	518.01	234.01	434.20	653.11	145.15	389.29	171.73	303.01	125.14	413.94	268.24	542.51	250.57	199.69	386.45	698.44	536.80	440.80	535.09	649.15	431.58	352.44	439.38	378.11
ENSMUSG00000033308	Dpyd	602.75	398.72	618.56	1063.75	759.31	956.30	1179.24	933.80	143.29	865.53	814.90	635.44	623.65	548.11	633.56	567.42	524.09	608.66	602.19	626.11	1014.19	748.92	724.89	685.59	883.75
ENSMUSG00000033316	Galnt9	20.56	261.15	479.20	410.73	394.69	0.00	0.00	46.51	44.29	0.00	170.31	97.40	9.27	86.13	104.88	47.13	229.35	238.46	124.05	113.14	142.81	0.00	0.00	71.97	99.56
ENSMUSG00000033342	Plppr5	207.46	239.66	567.14	333.41	359.70	315.26	329.62	310.55	237.75	403.85	771.37	191.71	176.20	203.58	0.00	199.82	304.07	374.56	203.54	229.69	132.12	342.73	319.37	0.00	394.89
ENSMUSG00000033350	Chst2	6790.06	6755.59	11864.49	11834.49	10679.40	6308.55	5945.94	7599.16	6436.70	5644.45	2887.66	3154.00	2687.04	2790.16	1573.13	2251.76	1543.20	3249.09	2588.21	1886.00	2989.89	3012.60	4819.29	2694.38	3207.24
ENSMUSG00000033356	Pus7l	239.23	404.09	122.97	202.95	373.82	233.82	223.06	428.62	639.82	330.86	264.25	115.96	312.99	151.38	293.08	232.81	73.68	333.18	140.91	223.73	223.00	228.48	476.88	228.53	303.16
ENSMUSG00000033361	Prrg3	4347.28	4292.37	5626.69	6345.92	5247.63	4734.20	4664.40	4891.51	4863.36	4717.29	2878.49	2605.92	1810.68	2432.58	492.77	2307.37	1896.05	1909.82	2077.55	1889.40	3207.54	2764.65	2892.62	2810.53	3088.66
ENSMUSG00000033368	Trim69	41.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.43	70.35	20.87	190.53	182.45	97.08	69.53	51.18	0.00	47.64	53.46	0.00	0.00	41.67	0.00
ENSMUSG00000033400	Agl	1351.28	1216.56	1954.06	1295.69	1753.71	1138.89	1420.77	1085.49	2098.95	1586.97	937.10	1059.84	1136.02	1135.38	1679.45	1630.62	1794.35	1227.12	770.80	1288.81	1270.80	1237.20	1078.20	1771.42

ENSMUSG00000034371	Tkfc	1226.06	468.57	555.96	627.48	679.51	581.27	973.23	593.91	864.75	653.18	853.85	1517.48	857.81	1252.83	2130.55	1136.72	1402.06	829.69	985.18	1026.79	506.33	627.91	847.60	1102.24	831.18
ENSMUSG00000034379	Wdr5b	292.50	621.18	324.93	259.55	524.21	199.67	140.66	170.30	89.74	583.97	196.28	194.81	99.69	253.18	136.48	99.91	212.75	140.46	131.28	413.44	142.05	137.09	117.48	136.36	115.22
ENSMUSG00000034382	AI661453	413.98	266.53	447.90	508.75	432.75	554.99	564.76	1008.93	554.75	338.44	522.39	497.06	530.92	341.92	988.42	579.67	800.14	501.95	721.42	1044.66	1278.43	915.63	704.88	1344.66	737.21
ENSMUSG00000034384	Barhl2	74.76	0.00	0.00	0.00	0.00	0.00	0.00	1.43	0.00	0.00	177.95	93.54	41.73	104.40	126.43	26.39	61.23	78.40	122.85	96.98	0.00	0.00	0.00	0.00	21.25
ENSMUSG00000034394	Lif	547.62	339.61	287.67	178.10	261.49	204.92	282.73	301.96	628.17	218.04	562.10	451.46	809.12	529.84	719.76	520.29	288.51	618.46	316.75	586.98	496.41	331.72	818.88	478.52	658.90
ENSMUSG00000034401	Spata6	1466.23	815.70	701.29	1204.57	901.10	914.92	1430.01	1115.55	682.95	969.81	1908.56	1996.76	1831.54	1401.60	2147.79	1808.76	1188.27	1930.51	1930.62	1567.84	1851.21	1550.30	1511.58	1166.64	1259.63
ENSMUSG00000034427	Myo15b	1538.18	555.62	140.11	120.80	376.28	13.79	194.65	53.67	0.00	27.49	2087.27	1443.27	1356.27	1195.41	429.56	1904.90	2827.99	3318.78	2299.16	2788.59	2514.10	2160.44	2601.96	3095.88	1971.11
ENSMUSG00000034429	Zfp707	480.33	422.36	447.15	340.32	335.15	595.72	185.41	323.43	307.68	601.04	245.92	208.72	185.47	211.42	262.91	327.07	343.51	372.38	381.79	577.62	622.42	78.70	380.29	587.11	447.47
ENSMUSG00000034438	Gbp8	2496.04	1231.61	561.92	811.79	556.13	857.78	815.52	704.82	623.51	976.45	3814.06	3109.17	3941.30	3695.85	5397.50	4231.12	3450.67	2981.24	3436.09	2885.57	4079.69	3012.60	3030.98	2814.32	2415.22
ENSMUSG00000034449	Dhrs11	366.32	365.40	230.28	331.34	321.03	298.19	382.90	325.58	287.86	148.84	493.37	306.90	382.54	107.01	501.39	545.74	711.93	381.09	488.98	522.33	383.38	402.81	357.66	565.64	388.18
ENSMUSG00000034457	Eda2r	56.07	0.00	0.00	41.42	188.45	45.98	0.00	77.28	102.56	59.72	192.46	47.93	115.92	65.25	252.85	223.39	165.01	91.46	73.47	142.07	273.40	336.80	238.44	77.02	31.32
ENSMUSG00000034463	Scaw3	1396.14	627.63	2191.06	2540.93	2394.55	3724.70	2999.96	3061.85	4446.14	3855.55	1115.04	361.78	459.05	383.68	272.09	417.55	680.79	975.60	1053.83	603.15	1030.52	2659.72	2233.86	1664.10	3036.09
ENSMUSG00000034472	Rasd2	1674.62	926.39	1336.99	1735.41	1856.22	1250.54	1369.63	1279.41	1687.55	1407.79	2748.66	3344.17	3273.59	3040.72	3203.73	2318.68	2478.25	3029.15	3098.86	2640.57	1677.85	1798.25	1870.11	1279.01	1228.31
ENSMUSG00000034552	Zswim2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.10	0.00	130.50	0.00	18.85	35.29	58.80	0.00	44.24	37.42	0.00	0.00	0.00	98.44
ENSMUSG00000034579	Pla2g3	901.79	263.30	32.05	138.06	68.75	10.51	15.63	98.75	72.26	45.50	2137.68	2054.74	1553.33	1281.54	1403.61	1922.81	2088.04	1982.77	2615.91	2175.24	2156.69	2080.89	1870.98	1753.74	1381.56
ENSMUSG00000034586	Hid1	607.42	256.85	576.08	76.62	267.63	144.50	71.04	80.86	135.19	227.52	89.36	379.56	336.17	529.84	280.15	473.16	671.45	412.67	323.98	621.01	597.98	258.10	216.69	603.52	237.16
ENSMUSG00000034601	2700049A03I	737.32	208.49	359.96	976.08	820.69	762.54	686.94	481.57	1272.66	447.46	447.55	1166.52	804.49	730.82	892.16	569.30	676.64	810.10	466.09	580.18	727.81	616.91	462.96	602.26	355.74
ENSMUSG00000034623	Prss55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000034656	Cacna1a	729.84	154.76	285.43	312.71	265.17	367.15	327.49	401.42	636.33	377.31	1538.15	1652.76	1685.48	790.85	2629.07	1600.45	1726.89	1212.96	1039.38	1274.35	744.61	548.36	280.21	1353.50	635.41
ENSMUSG00000034684	Sema3f	3866.95	3039.26	4683.20	4606.37	5316.99	7450.06	4831.34	5883.27	4792.27	5949.71	2496.63	3062.01	2949.02	2576.13	1655.02	2173.53	3358.30	3393.91	3155.47	3762.64	6160.01	4733.85	5068.17	4860.99	5937.93
ENSMUSG00000034687	Fras1	471.92	194.52	295.87	510.82	642.07	272.57	461.75	445.07	844.94	320.43	510.17	1131.73	999.23	579.43	1800.12	1224.38	1333.57	907.00	729.85	922.16	916.44	627.91	617.86	1108.56	555.98
ENSMUSG00000034689	4921530L21I	24.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.66	0.00	23.56	0.00	20.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000034706	Dnaic2	709.28	313.81	42.48	26.23	53.40	55.17	242.24	67.98	270.38	57.83	2374.43	1679.82	1544.06	2009.75	1723.98	2559.97	1938.60	2110.17	1731.89	2765.62	1248.65	1339.59	1356.68	975.99	1217.12
ENSMUSG00000034731	Dgkh	676.58	607.21	377.85	332.03	192.13	218.06	169.07	205.36	727.23	259.75	267.31	179.35	102.01	140.94	535.87	372.31	898.73	598.86	415.51	594.64	90.88	117.63	0.00	390.14	714.83
ENSMUSG00000034758	Tle6	76.63	64.48	0.00	11.04	0.61	0.00	52.57	38.64	0.00	92.90	298.62	258.97	354.72	140.94	0.00	180.03	201.33	244.99	242.08	247.55	44.29	95.62	313.28	249.99	98.44
ENSMUSG00000034771	Tle2	406.51	48.36	20.12	58.68	82.25	31.53	90.22	176.03	0.00	197.19	485.73	344.78	751.16	655.13	165.21	660.73	485.69	385.45	513.06	816.67	458.22	308.88	206.24	311.86	190.17
ENSMUSG00000034777	Vax2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.61	14.69	0.00	0.00	0.00	777.23	106.51	0.00	92.55	178.25	40.83	47.35	88.85	0.00	0.00	73.83
ENSMUSG00000034780	B3galt1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.45	0.00	0.00	74.08	238.10	78.83	185.31	320.37	137.61	17.64	83.84	0.00	52.74	58.04	0.00	0.00	55.55	53.70
ENSMUSG00000034785	Dio1	1576.50	2574.99	1410.03	1700.21	1591.66	1636.74	1364.65	779.24	1365.89	604.83	3922.51	5179.37	5079.63	4471.04	6516.65	5411.20	4346.28	4496.90	4837.98	5912.35	3914.73	3828.37	3661.89	2964.57	3539.49
ENSMUSG00000034786	Gpsm3	331.75	213.87	129.67	45.56	160.82	131.36	122.90	59.39	38.46	10.43	537.67	264.38	252.71	135.72	624.94	457.14	589.47	455.13	509.45	852.40	443.71	517.90	569.13	542.92	470.96
ENSMUSG00000034799	Unc13a	720.50	0.00	51.42	156.70	260.88	257.46	122.19	96.60	52.44	234.16	521.63	895.95	472.96	785.63	1886.32	1017.01	1192.43	908.09	296.28	927.26	582.70	390.96	702.27	262.62	287.50
ENSMUSG00000034810	Scn7a	483.14	0.00	166.94	32.44	81.64	251.55	56.83	78.71	2.33	386.79	239.81	542.67	537.87	420.22	441.05	483.53	252.18	381.09	60.22	226.29	297.08	561.90	629.17	262.62	204.72
ENSMUSG00000034813	Grip1	365.39	678.14	435.98	333.41	491.06	629.21	434.76	443.64	658.47	245.53	204.68	86.58	23.18	187.92	0.00	458.08	243.88	129.57	302.30	145.47	265.00	156.55	469.05	544.18	288.62
ENSMUSG00000034825	Nrip3	99.99	0.00	0.00	53.84	0.00	0.00	78.14	28.62	83.91	0.00	101.58	157.70	71.87	114.84	38.79	123.47	330.02	90.37	121.64	245.85	101.57	86.32	60.05	276.51	44.75
ENSMUSG00000034829	Nxnl1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.88	0.00	31.69	0.00	0.00	0.00	0.00	63.31	0.00	0.00	0.00	0.00	0.00	0.00	21.46	0.00
ENSMUSG00000034839	Lsrp6	457.90	438.48	449.39	550.86	367.07	503.76	522.84	314.84	392.75	217.09	693.47	963.98	1210.21	1294.59	469.79	877.92	908.07	835.14	1104.41	1152.70	695.73	856.39	725.77	952.00	525.78
ENSMUSG00000034848	Ttc21b	372.86	807.10	1075.41	723.43	651.89	530.69	663.50	694.80	517.45	762.20	403.25	371.06	438.18	224.47	409.45	316.70	524.09	783.96	635.91	490.00	686.57	681.22	340.26	300.50	582.83
ENSMUSG00000034854	Mfsd12	1680.23	419.13	505.28	870.47	507.02	1019.35	1607.60	1156.33	27.97	64.46	614.04	431.36	836.95	540.28	686.72	1679.63	1516.22	751.30	861.13	772.43	1152.42	1153.42	1184.37	2231.00	639.88
ENSMUSG00000034855	Cxcl10	6935.84	8312.84	10057.25	13847.41	8152.88	13180.63	13836.91	16574.33	9119.53	9767.34	9703.17	11516.75	9980.75	11111.03	7734.93	9476.43	7238.61	6719.22	8684.76	7578.02	9315.62	9229.05	11595.71	6994.77	8891.24
ENSMUSG00000034871	Fam151a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.11	66.48	102.01	75.69	306.01	201.71	0.00	9.80	307.12	104.64	83.24	34.70	138.37	68.18	0.00
ENSMUSG00000034881	Tbxa2r	0.00	107.47	0.00	0.00	33.15	127.42	3.55	0.00	0.00	0.00	36.66	16.23	32.46	23.49	0.00	14.14	26.98	0.00	0.00	30.63	68.73	66.01	0.00	16.41	12.31
ENSMUSG00000034883	Lrrf	66.35	0.00	275.75	43.49	92.07	135.96	90.22	100.89	0.00	0.00	25.20	86.58	113.60	57.42	0.00	60.32	69.53	63.15	33.72	62.95	98.52	79.55	18.27	60.60	167.80
ENSMUSG00000034891	Sncb	118.68	222.46	181.84	113.90	85.32	49.26	0.00	32.20	0.00	26.54	444.49	671.77	333.85	300.16	1719.67	513.69	794.95	275.48	497.41	715.44	335.26	509.43	350.70	215.90	500.05
ENSMUSG00000034911	Ushbp1	100.93	0.00	37.26	98.71	81.03	0.00	186.12	66.55	0.00	439.88	32.08	8.50	46.37	28.71	168.09	147.98	127.65	118.68	80.69	85.07	152.74	103.24	0.00	210.85	57.05
ENSMUSG00000034913	Spert	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.19	0.00	0.00	0.00	45.24	0.00	0.00	0.00	0.00	0.00	99.86	0.00	0.00	8.95
ENSMUSG00000034919	Ttc22	115.88	89.20	73.78	37.97	84.71	0.00	77.43	127.37	172.48	0.00	329.93	457.64	248.07	200.97	64.65	286.54	323.79	741.50	638.32	865.16	950.04	1435.22	901.55	670.44	615.27
ENSMUSG00000034947	Tmem106a	626.11	627.63	174.39	453.53	495.36	629.87	451.10	422.89	587.38	353.61	1115.04	1095.40	672.34	370.63	724.07	703.14	1140.54	1088.84	1175.26	1018.82	902.09	869.35	712.10	781.95
ENSMUSG00000034949	Zfp2	189.70	286.95	201.22	197.43	308.14	125.45	44.04	78.00	0.00	341.28	266.54	286.02	248.07	96.57	208.31	258.26	515.78	320.12	607.01	195.66	290.21	315.65	140.11	196.96	206.96
ENSMUSG00000034958	Atcay	414.92	24.72	187.80	258.86	253.51	53.20	56.12	75.85	180.64	0.00	503.30	651.67	952.87	670.79	568.91	705.97	506.44	1206.43	1002.04	652.49	398.65	295.34	377.68	195.70	204.72
ENSMUSG00000035041	Creb3l3	107.47	141.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	289.45	263.61	162.29	112.23	761.43	437.34	143.22	218.86	143.32	368.35	32.08	269.10	276.73	21.46	0.00
ENSMUSG00000035057	Mgat4d	16.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000035067	Xkr6	665.36	255.78	275.00	207.78	324.72	179.31	206.01	163.86	88.57	121.35	1279.25	847.25	697.84	644.69	419.50	783.26	760.70	965.80	752.74	941.72	364.29	1045.95	527.35	633.82	342.31
ENSMUSG00000035078	Mtmr9	1399.88	1051.06	1267.68	1427.54	897.42	701.46	818.37	669.04	1206.23	1207.76	879.05	1777.99	1175.43	848.27	1190.98	1891.70	1342.91	1580.99	1411.53	1810.29	1093.62	1069.64	844.99	1208.30	987.79
ENSMUSG00000035095	Fam167a	3651.08	3542.22	5347.97	5451.98	4342.84	4734.86	4262.32	3153.44	4208.39	5807.51	2662.36	3290.06	2751.95	3729.78	2353.24	2682.51	2830.06	3760.84	3713.09	4147.15	5028.97	3015.14	3232.00	2938.06	4212.93
ENSMUSG00000035105	Egln3	885.90	1089.75	1249.80	635.08	716.34	862.38	1548.64	1077.62	1227.20	1135.72	543.77	395.02	368.63	336.70	406.57	928.41	1287.90	976.69	1471.75	1241.17	1894.74	1919.26	1790.05	1731.02	1578.45
ENSMUSG00000035109	Shc4	102.79	0.00	17.89	16.57	184.76	103.77	93.77	141.68	101.39	79.63	96.23	183.98	57.96	133.11	156.60	395.87	181.61	104.53	4.82	101.23	49.64	113.40	0.00	165.40	145.43
ENSMUSG00000035112	Wnk4	95.32	0.00	0.00	0.00	82.25	25.62	28.42	7.16	0.00	75.84	183.29	144.56	315.30	148.77	570.35	200.76	361.15	366.94	151.75	233.94	326.10	451.89	196.67	169.19	192.41
ENSMUSG00000035126	Wdr78	591.54	619.03	115.51	322.37	125.22	169.45	54.70	261.89	179.40	354.56	287.16	172.39	428.91	112.23	0.00	376.08	575.98	338.63	372.15	210.97	575.07	476.43	351.57	356.05	441.88
ENSMUSG00000035133	Brip3	136.44	0.00	0.00	0.00	0.00	19.70	90.93	0.00	0.00	0.00	352.08	173.93	317.62	555.94	295.95	179.09	60.19	76.22	246.90	219.48	193.98	72.78	269.77	30.30	15.66
ENSMUSG00000035164	Zc3h12c	1034.49	1115.54	1012.80	1175.58	1082.79	459.10	793.50	917.34	1286.64	132.72	942.44	580.55	628.29	722.99	188.20	336.49	548.99	844.94	184.27	546.15	607.91	433.27	547.37	772.71	758.46
ENSMUSG00000035186	Ubd	12725.98	8334.33	6258.67	6202.34	4682.29	4196.28	5491.29	4397.07	5148.89	3867.88	32220.19	32049.47	28456.15	28916.88	59065.06	38629.59	29324.95	31212.61	34124.81	36583.44	29188.63	27388.43	28867.87	21177.49	26641.27
ENSMUSG00000035191	Rfpl4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.83	0.00	0.00	0.00	60.97	0.00	0.00	0.00	0.00	0.00	18.94	0.00
ENSMUSG00000035200	Chmb4	346.70	97.80	108.06	164.98	151.00	42.04	125.74	186.76	92.07	0.00	766.02	851.89	848.54	978.77	1032.95	966.12	717.12	550.95	593.76	494.26	542.99	341.88	382.03	152.77	330.01
ENSMUSG00000035228	Ccdc106	41.12	0.00	0.00	22.78	0.00	0.00	0.00	8.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.53	0.00	37.34	28.92	0.00	0.00	0.00	0.00
ENSMUSG00000035237	Lcat	128.03	275.12	40.24	0.00	111.72	63.71	70.33	91.59	304.18	35.08	143.58	66.48	57.96	104.40	0.00	18.85	125.57	143.73	151.75	202.47	228.35	0.00	60.92	90.91	23.49
ENSMUSG00000035266	Helq	576.58	671.69	681.17	556.38	644.52	939.88	427.65	418.60	566.40	430.40	401.72	282.16	632.93	756.92	347.67	276.17	386.06	348.43	602.19	602.29	303.95	207.33	221.04	172.98	224.85
ENSMUSG00000035273	Hpse	182.23	390.12	377.85	284.40	224.66	455.82	410.60	384.25	118.87	375.41	188.64	258.97	280.53	263.62	673.79	180.03	159.82	158.97	161.39	175.24	288.68	224.25	122.70	199.49	138.72
ENSMUSG00000035274	Tpbg	357.91	322.41	822.76	478.38	635.31	1023.95	841.81	1277.26	797.16	1156.57	221.48	179.35	243.43	167.04	419.50	61.27	366.34	167.68	128.87	245.85	85.53	640.60	163.60	417.92	629.81
ENSMUSG00000035277	Arx	52.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.35	16.23	15.66	0.00	29.22	12.45	58.80	75.88	0.00	0.00	0.00	3.48	0.00	32.44
ENSMUSG00000035283	Adrb1	40.18	176.25	70.05	85.60	41.74	422.98	184.70	181.75	329.82	224.68	0.00	54.11	0.00	0.00	0.00	93.31	16.60	52.26	0.00	13.61	174.89	41.47	207.11	303.02	184.58
ENSMUSG00000035296	Sgcg	58.87	0.00	127.44	90.43	110.49	0.00	39.78	52.24	0.00	0.00	42.01	32.47	0.00	93.96	17.24	257.32	28.02	137.19	50.56	98.68	0.00	49.93	71.36	135.10	140.95
ENSMUSG00000035298	Klhl35	0.00	0.00	0.00	76.62	0.00	0.00	94.48	21.47	36.13	42.66	18.33	31.69	9.27	274.06	127.86	43.36	48.78	0.00	0.00	74.01	0.00	1.69	0.00	94.69	42.51
ENSMUSG00000035370	Adat3	107.47	59.11	166.19	169.12	64.45	135.30	63.93	108.05	0.00	0.00	103.87	187.85	285.16	109.62	143.67	29.22	120.38	16.33	86.72	28.07	176.41	41.47	0.00	0.00	35.80
ENSMUSG00000035373	Ccl7	94.38	92.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.89	197.13	55.64	140.94	415.19	203.59	186.80	93.64	219.20	156.53	164.96	34.70	78.32	42.93	52.58
ENSMUSG00000035378	Shq1	258.86	212.79	431.50	303.73	436.43	362.55	336.72	349.90	277.37	88.16	255.09	332.41	234.16	294.94	0.00	316.70	106.89	322.30	502.23	217.78	310.06	174.32	384.64	285.35	258.41
ENSMUSG00000035383	Pmch	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.18	0.00	4.31	0.00	21.79	0.00	0.00	0.00	0.00	60.93	0.00	0.00	0.00
ENSMUSG00000035385	Ccl2	204.65	0.00	99.12	160.15	0.00	80.79	66.07	113.77	58.27	0.00	349.79	303.03	282.85	263.62	425.25	335.55	326.91	412.67	613.03	343.68	398.65	358.80	91.37	362.36	124.17
ENSMUSG00000035390	Brsk1	142.98	0.00	141.60	236.08	224.66	131.36	133.55	179.60	114.21	145.99	355.90	185.53	169.24	52.20	274.40	422.26	129.72	370.20	254.12	139.51	147.39	34.70	79.19	157.82	156.61
ENSMUSG00000035394	Cfap53	67.28	108.55	0.00	78.00	10.44	61.08	17.05	10.73	0.00	52.14	61.86	117.50	162.29	44.37	563.17	371.37	154.63	337.54	224.01	274.78	202.38	445.97	367.23	226.00	82.78
ENSMUSG00000035397	Klf16	487.81	497.59	844.38	863.56	781.40	876.83	773.61	560.99	588.54	706.27	477.33	585.96	839.26	623.80	498.52	328.01	788.72	809.01	450.44	419.39	420.04	337.65	722.28	652.76	497.81
ENSMUSG00000035439	Haus8	271.00	82.75	450.88	320.99	416.18	281.77	377.22	468.69	460.35	586.82	500.24	336.27	92.74	490.69	418.07	423.21	268.79	531.35	340.84	353.89	247.44	665.14	765.80	243.68	242.75
ENSMUSG00000035454	Samt3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000035456	Prdm8	23.36	0.00	0.00	0.00	0.00	0.00	0.00	11.45	0.00	0.00	124.49	36.33	71.87	52.20	153.72	63.15	155.67	135.02	133.69	119.95	59.57	0.00	40.03	34.09	5.59
ENSMUSG00000035458	Tnni3	1562.48	1223.01	564.16	722.05	518.07	365.84	397.11	636.13	487.15	841.83	682.77	449.91	612.06	595.09	442.49	804.00	698.44	1024.60	1210.40	1147.59	618.60	158.25	430.76	603.52	586.19
ENSMUSG00000035491	Fthl17a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.77	0.00	0.00	0.00
ENSMUSG00000035506	Slc12a8	109.34	0.00	27.57	53.15	30.08	65.02	71.04	75.13	149.18	135.57	65.68	30.92	0.00	99.18	0.00	10.37	18.68	29.40	0.00	78.26	115.32	93.93	0.00	34.09	0.00
ENSMUSG00000035517	Tdrd7	1377.45	2176.28	1580.69	1747.84	1554.83	2044.61	1811.49	1963.47	2101.28	2318.83	1733.66	1747.84	1845.45	2041.07	2272.78	2342.24	1670.85	1596.24	1597.00	1898.76	2343.80	1992.04	1735.22	1857.28	2086.33
ENSMUSG00000035540	Gc	259.79	0.00	0.00	0.00	0.00	12.48	0.00	0.00	0.00	0.00	32.08	221.09	57.96	203.58	0.00	260.14	257.37	276.56	405.87	625.26	559.79	528.90	736.21	377.52	437.40
ENSMUSG00000035557	Krt17	52792.55	76869.28	75248.62	75021.73	63918.66	83146.08	85414.04	71049.30	92091.56	84278.03	32953.37	36072.37	42459.35	39764.30	48110.59	30407.70	39461.09	49816.49	46729.82	44262.69	55724.93	57329.11	60208.04	54198.10	74068.65
ENSMUSG00000035561	Aldh1b1	95.32	118.22	59.62	89.74	97.60	103.12	78.14	104.47	121.21	44.56	386.45	371.06	315.30	117.45	170.96	489.18	444.18	274.39	545.58	556.36	148.16	413.81	284.56	275.25	246.11
ENSMUSG00000035566	Pcdh17	1082.15	1738.87	1701.42	1504.85	1823.69	1

ENSMUSG00000036502	Tmem255a	462.58	1246.66	706.50	720.67	776.49	336.94	611.64	903.03	178.31	885.44	628.55	779.22	674.66	522.01	1366.26	831.33	324.83	366.94	263.76	476.39	358.94	410.42	134.88	391.40	349.03
ENSMUSG00000036510	Cdh8	642.93	255.78	120.73	303.73	47.88	204.26	798.47	334.16	0.00	83.42	1415.95	1159.56	628.29	767.36	530.12	1535.42	1529.71	782.87	990.00	1042.96	769.81	721.84	682.25	1233.55	398.25
ENSMUSG00000036545	Adamts2	790.58	783.46	791.46	682.71	511.93	821.00	654.27	696.95	448.69	701.53	723.25	782.32	697.84	568.99	772.92	1241.34	1457.06	880.87	600.98	757.97	739.26	480.66	648.32	1448.20	469.84
ENSMUSG00000036551	Akap14	0.00	0.00	0.00	0.00	0.00	0.00	7.87	0.00	0.00	0.00	0.00	0.00	44.05	0.00	0.00	0.00	0.00	27.22	0.00	17.01	0.00	0.00	0.00	55.55	51.46
ENSMUSG00000036555	Iqce	1237.27	982.28	842.14	968.49	846.47	1442.99	895.09	1019.66	1423.00	1011.53	921.82	581.33	765.08	1070.13	1320.28	1230.97	1083.46	922.25	1628.32	951.93	1188.32	593.21	853.69	1022.70	540.32
ENSMUSG00000036557	Stpg4	0.00	0.00	13.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.01	0.00	0.00	0.00	0.00	32.17	0.00	0.00	0.00	0.00	0.00	0.00	18.94	33.56
ENSMUSG00000036561	Ppp6r2	1539.12	1466.97	450.88	930.52	1410.58	1006.87	581.81	1006.07	793.66	1886.54	1051.65	808.60	549.46	741.26	2856.06	1533.53	1606.51	1153.08	1472.95	1222.45	868.33	1181.35	517.78	1262.59	1010.16
ENSMUSG00000036587	Fut7	54.20	0.00	0.00	60.75	90.23	47.95	71.04	30.05	0.00	0.00	0.00	0.00	148.38	75.69	357.73	0.00	162.93	43.55	203.54	38.28	25.97	33.00	71.36	0.00	22.37
ENSMUSG00000036598	Ccdc113	0.00	185.92	0.00	45.56	0.00	16.42	0.00	0.00	369.44	19.91	0.00	49.47	18.55	13.05	0.00	74.46	96.51	184.01	15.66	165.04	96.23	27.08	81.80	178.03	114.10
ENSMUSG00000036634	Mag	129.90	146.16	0.00	0.00	0.00	57.80	0.00	27.19	0.00	0.00	296.33	254.33	187.79	156.60	323.25	396.81	257.37	341.89	397.44	427.90	332.21	230.18	308.06	88.38	341.20
ENSMUSG00000036639	Nudt1	831.70	1130.59	587.26	430.75	611.37	447.28	928.48	368.51	215.61	484.43	1003.54	1150.28	609.74	1203.24	514.32	1184.79	600.88	1343.63	1647.59	597.19	282.57	539.05	1028.60	507.56	533.61
ENSMUSG00000036661	Dennd3	550.42	222.46	35.03	298.90	151.62	80.79	214.54	140.25	405.57	148.84	458.24	384.97	435.86	409.78	262.91	482.59	698.44	503.04	764.78	609.10	67.21	429.89	624.82	295.45	193.53
ENSMUSG00000036687	Tmem184a	371.93	427.73	651.35	690.99	354.18	395.39	345.25	359.21	364.78	713.85	1105.12	1223.72	1045.60	1153.65	1053.07	1106.56	1159.22	1159.61	1321.20	1483.62	711.77	1135.65	856.30	854.78	764.06
ENSMUSG00000036721	Zscan12	534.53	180.55	442.68	340.32	254.74	228.57	219.51	455.81	157.33	515.72	202.39	272.11	268.94	247.96	732.69	402.47	497.10	549.86	429.96	362.40	227.58	383.34	191.45	597.21	493.34
ENSMUSG00000036731	Cysrt1	102.79	0.00	0.00	0.00	0.00	0.00	0.00	4.29	0.00	0.00	61.10	0.00	30.14	0.00	0.00	60.32	41.51	20.69	0.00	130.16	91.64	113.40	143.59	97.22	82.78
ENSMUSG00000036743	Psma8	4.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000036744	Olfr701	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.82	0.00	0.00	0.00	0.00	0.00	42.46	0.00	30.63	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000036764	Dnajc12	255.12	429.88	193.77	115.28	122.15	0.00	174.04	208.94	389.26	66.36	343.68	472.33	486.87	383.68	824.64	590.04	511.63	538.97	393.83	484.90	332.21	420.58	698.79	478.52	341.20
ENSMUSG00000036770	Stpg3	48.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32	10.44	0.00	23.56	29.06	58.80	0.00	0.00	0.00	0.00	0.00	27.78	0.00
ENSMUSG00000036775	Decr2	508.37	682.44	394.99	602.63	622.42	777.65	490.88	437.92	740.05	1051.34	471.22	547.31	322.26	634.25	632.13	960.46	950.62	528.09	639.52	791.15	507.10	635.52	983.35	483.57	365.81
ENSMUSG00000036814	Slc6a20a	868.15	110.69	0.00	0.00	20.26	31.53	0.00	0.00	0.00	112.81	1742.83	2637.61	2700.95	2106.32	2718.15	2666.48	1634.53	2007.82	2129.34	2051.88	2226.19	1096.72	1682.14	1718.39	1315.56
ENSMUSG00000036815	Dpp10	2327.83	898.45	1417.48	1191.46	1217.22	138.58	361.59	306.97	284.37	162.11	5925.77	6071.46	5492.31	6564.31	6358.62	5712.81	3297.07	4021.08	5355.86	4957.87	3487.82	2707.96	3413.01	2328.22	2483.46
ENSMUSG00000036834	Plch1	166.34	70.93	54.40	65.58	0.00	0.66	0.00	80.86	68.76	88.16	190.93	331.63	496.14	331.48	247.10	337.43	413.04	348.43	134.89	427.90	402.47	159.09	355.05	487.36	435.16
ENSMUSG00000036853	Mcoln3	47.66	380.45	169.92	177.41	92.07	193.10	157.00	158.85	33.80	65.41	192.46	13.91	155.33	10.44	0.00	98.97	0.00	23.95	32.52	72.31	213.07	59.24	11.31	42.93	210.31
ENSMUSG00000036856	Wnt4	4075.34	5341.28	4039.29	5037.11	3064.24	4712.53	5177.30	4258.97	3168.82	4580.78	1292.99	2012.22	2230.31	2380.38	1828.86	2755.08	2888.18	1412.22	2812.22	1988.08	3886.47	3348.56	4418.99	4320.60	3551.80
ENSMUSG00000036862	Dchs1	365.39	217.09	386.79	216.75	272.54	641.69	303.34	200.35	397.41	395.32	17.57	204.86	99.69	107.01	0.00	118.76	91.33	207.97	0.00	236.49	79.42	278.41	118.35	217.17	78.31
ENSMUSG00000036867	Smad6	263.53	205.27	368.90	436.96	210.54	855.81	341.70	619.67	815.80	306.21	219.95	194.81	357.04	23.49	202.57	281.82	382.95	190.55	104.78	236.49	171.83	433.27	338.52	401.50	305.40
ENSMUSG00000036872	Abcc12	40.18	155.83	34.28	0.00	0.00	72.90	0.00	0.00	160.83	0.00	393.32	82.72	32.46	54.81	206.88	18.85	186.80	66.42	0.00	157.38	26.73	156.55	0.00	63.13	78.31
ENSMUSG00000036882	Arhgap33	1462.49	552.40	328.66	677.87	607.08	962.87	559.78	674.05	203.95	592.51	1089.84	758.35	1231.08	910.91	623.51	1135.78	1529.71	1297.89	896.06	1236.06	1401.39	1323.51	855.43	1036.59	458.66
ENSMUSG00000036892	Prodh2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.07	0.00	75.69	214.06	87.66	8.30	28.31	0.00	0.00	32.08	35.54	134.88	0.00	62.65
ENSMUSG00000036902	Neto2	2399.79	1172.50	2872.22	2608.64	1932.33	2175.97	1544.38	1891.92	1244.69	1696.94	1742.07	2830.87	2884.10	2414.31	2386.28	1620.25	1257.81	2089.48	1457.30	1675.88	1357.86	1374.29	1032.95	1188.10	1927.48
ENSMUSG00000036904	Fzd8	408.38	1705.56	588.01	748.97	780.18	736.27	553.39	876.55	532.60	882.60	171.08	213.36	370.95	336.70	0.00	454.31	575.98	445.33	740.69	249.25	232.93	359.65	351.57	640.14	549.27
ENSMUSG00000036908	Unc93b1	1996.09	2451.40	1211.79	1292.93	1327.71	1088.97	959.02	1306.60	1255.17	1514.92	2425.60	3013.31	2571.12	2975.47	2899.16	2086.81	2226.07	2919.17	3178.35	2939.16	1960.42	2668.18	1712.60	2100.96	2298.88
ENSMUSG00000036913	Trim67	129.90	0.00	0.00	57.99	28.24	0.00	0.00	0.00	0.00	0.00	190.93	275.98	301.39	180.09	0.00	269.57	93.40	335.36	80.69	230.54	0.00	313.95	107.04	164.14	43.63
ENSMUSG00000036923	Stox1	1393.34	1402.49	1378.73	1912.13	1909.01	1254.48	1287.93	1418.94	1449.80	1181.22	924.11	1235.32	878.68	704.72	589.03	648.48	773.16	1089.93	926.17	907.70	651.44	936.78	1233.10	949.47	549.27
ENSMUSG00000036928	Stag3	99.99	112.84	199.73	69.03	462.83	288.33	346.67	223.97	921.86	480.64	181.00	45.61	125.19	161.82	0.00	120.65	81.99	226.48	55.40	124.20	175.65	237.79	278.47	192.02	211.43
ENSMUSG00000036931	Nfkbid	1321.38	825.37	1166.33	1172.82	856.91	859.09	1057.06	740.60	280.87	854.16	4265.43	1403.07	2728.77	4016.89	1054.50	1152.74	940.24	1302.25	581.71	881.32	1201.30	1437.76	1232.23	657.81	789.79
ENSMUSG00000036949	Slc39a12	0.00	0.00	0.00	0.00	18.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.29	0.00	0.00	11.91	0.00	0.00	67.01	0.00	55.93
ENSMUSG00000036957	Lrfn3	51.40	80.60	0.00	142.89	0.00	66.34	122.90	95.88	81.58	145.99	100.05	113.64	74.19	31.32	0.00	41.47	26.98	79.49	0.00	0.00	157.32	57.54	0.00	41.67	0.00
ENSMUSG00000036960	Clca2	1180.27	909.20	1240.11	1237.71	2060.01	2121.46	1739.74	1753.82	2038.35	1869.47	105.39	139.15	180.84	20.88	129.30	85.77	346.62	212.32	517.88	436.41	996.63	702.38	729.25	816.90	1388.28
ENSMUSG00000036972	Zic4	71.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.37	0.00	41.76	0.00	0.00	0.00	9.80	65.04	17.86	22.15	0.00	0.00	0.00	0.00
ENSMUSG00000036986	Pml	4275.33	6814.70	6506.10	6929.92	7493.63	7998.49	6621.51	8256.04	9011.15	6968.82	2437.06	3491.05	2779.77	3380.03	2200.95	2606.16	2675.43	2887.60	1896.89	2380.25	3876.54	3756.44	4800.14	3902.68	4516.09
ENSMUSG00000036989	Trim3	1027.95	711.45	631.98	779.35	1106.12	1266.31	823.34	1351.68	801.82	1398.31	567.45	555.82	577.28	1020.53	334.74	501.44	723.34	435.53	255.33	558.06	616.31	443.43	405.52	611.10	912.84
ENSMUSG00000037001	Zfp39	77.56	272.97	252.64	90.43	135.04	318.55	142.08	366.36	20.98	226.57	0.00	54.89	129.83	88.74	0.00	40.53	84.06	77.31	1.20	141.22	155.79	39.77	262.81	90.91	0.00
ENSMUSG00000037005	Xpnpep2	251.38	46.21	129.67	149.10	118.47	126.11	145.63	176.03	187.64	149.79	12.22	303.03	81.14	177.48	800.21	336.49	453.52	248.25	309.52	354.74	417.74	298.72	842.37	618.67	262.89
ENSMUSG00000037014	Sstr4	55.14	0.00	0.00	0.00	0.00	0.00	0.00	15.03	0.00	0.00	0.00	0.00	0.00	0.00	4.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.01	0.00	0.00
ENSMUSG00000037016	Frem2	1662.47	2130.06	2132.93	2256.59	1345.51	1041.68	2357.72	2258.28	1376.19	350.76	367.35	188.07	190.11	571.60	550.24	1337.48	1432.16	525.91	467.26	205.02	1134.10	647.37	632.65	1503.75	489.98
ENSMUSG00000037020	Wdr62	287.83	328.86	696.07	229.18	370.14	440.05	378.64	514.48	287.86	197.19	446.02	545.77	405.72	532.45	179.58	315.76	304.07	407.23	289.05	343.68	674.35	536.51	454.26	270.20	401.60
ENSMUSG00000037029	Zfp146	1773.68	2214.97	2103.86	2428.47	2106.05	2226.55	2662.53	2094.42	2271.43	1957.64	1658.82	940.02	1112.84	981.38	232.74	1139.55	1697.83	1290.27	1804.16	1139.09	1310.51	1315.90	1158.27	1866.11	1980.06
ENSMUSG00000037033	Clca3b	1910.11	449.23	3498.24	4026.52	3924.21	896.53	1488.26	1136.30	1494.09	2252.47	1578.63	1383.74	1379.45	1432.92	81.89	968.94	4501.95	3840.33	2954.34	5213.93	2802.78	3539.81	2152.93	3333.25	3237.45
ENSMUSG00000037035	Inhbb	980.29	686.74	27.57	68.34	45.42	239.73	208.85	186.76	50.11	53.09	2791.43	1982.85	1817.63	2670.09	2313.01	2635.38	2487.59	2073.15	2735.14	2717.13	1798.51	1450.45	1126.07	1874.95	1333.46
ENSMUSG00000037060	Cavin3	495.28	313.81	561.18	668.21	747.03	1616.38	1399.46	1173.51	1163.10	1337.64	318.47	130.64	139.10	242.74	478.41	85.77	247.00	298.34	60.22	320.71	408.58	551.75	751.87	426.76	839.01
ENSMUSG00000037086	Prr32	210.26	109.62	67.82	46.94	81.64	0.00	269.95	110.19	0.00	0.00	62.63	127.55	166.93	13.05	0.00	233.75	81.99	45.73	208.36	85.92	147.39	109.16	145.33	111.11	0.00
ENSMUSG00000037098	Rab11fip3	1681.16	400.86	3036.92	3478.42	3486.55	3288.59	3129.96	3284.38	2186.36	3223.23	1929.18	2012.22	2035.56	1748.74	231.30	1154.63	1330.45	1647.41	1454.89	1377.28	1620.57	1657.78	2113.77	1780.26	2116.53
ENSMUSG00000037103	Dcaf15	1195.22	981.20	1129.81	1141.06	1625.42	1006.22	1203.39	988.18	844.94	1174.58	738.53	661.72	980.69	1425.09	1370.57	1049.06	1084.49	1445.98	894.85	731.60	1173.04	1730.55	1012.94	775.23	732.73
ENSMUSG00000037112	Sik2	360.72	346.05	251.15	267.15	394.69	472.89	362.30	318.42	675.95	757.46	464.35	279.07	486.87	584.65	201.13	741.79	485.69	488.89	519.09	685.66	777.45	278.41	557.81	734.83	444.11
ENSMUSG00000037126	Psd	3958.53	2943.61	3941.67	3426.65	2705.76	3026.53	2786.85	3149.86	2075.64	2760.60	7299.72	5340.16	8091.25	8694.12	5140.34	4708.05	4514.40	4096.21	4397.18	5270.93	4101.07	3551.10	3655.80	3407.74	2765.37
ENSMUSG00000037129	Tmprss13	248.58	0.00	70.80	23.47	0.00	0.00	0.00	52.24	0.00	126.09	226.83	57.98	333.85	174.87	313.19	395.87	258.41	221.03	743.10	358.14	261.19	328.34	204.50	503.77	347.91
ENSMUSG00000037139	Myom3	99.06	129.59	0.00	53.53	23.33	19.70	0.00	37.24	276.21	0.00	597.24	478.51	301.39	814.34	610.58	715.40	357.38	402.87	323.98	757.12	206.20	487.43	192.32	272.72	446.35
ENSMUSG00000037143	Cfap61	92.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.84	54.99	224.95	169.24	138.33	295.95	89.54	56.04	123.04	181.86	232.24	158.85	0.00	202.76	47.98	72.71
ENSMUSG00000037145	2210407C18I	806.47	141.86	35.77	21.40	22.10	0.00	65.36	0.00	101.39	109.02	1105.12	1271.65	867.09	923.96	2130.55	1446.82	1467.44	1251.07	1056.24	1810.29	1236.43	1473.30	1191.33	2153.99	1398.34
ENSMUSG00000037148	Arhgap10	788.72	1182.17	1070.93	675.11	839.72	1228.87	999.51	1061.16	1749.32	1243.79	334.51	509.43	489.18	216.64	0.00	288.42	463.89	266.77	720.22	250.96	415.45	301.26	856.30	578.27	954.23
ENSMUSG00000037151	Lrrc20	60.74	198.82	135.64	105.62	134.43	256.15	224.48	153.84	58.27	159.27	40.48	155.38	359.35	232.30	0.00	250.72	250.11	238.46	12.04	245.00	121.43	0.00	261.94	328.27	125.29
ENSMUSG00000037188	Grhl3	424.26	88.13	124.46	31.06	103.12	102.46	45.46	80.86	472.00	250.27	1263.97	1702.23	1404.96	1320.69	2646.31	1778.60	1500.65	1263.05	1280.25	1614.63	1324.26	997.71	1167.84	1074.47	1285.36
ENSMUSG00000037196	Pacrg	83.17	0.00	213.89	117.35	122.15	49.92	115.79	113.77	0.00	109.02	0.00	92.76	159.97	20.88	0.00	0.00	68.49	149.17	55.40	73.16	77.90	161.63	135.75	101.01	67.12
ENSMUSG00000037216	Lipt1	176.62	0.00	221.34	65.58	92.69	87.35	5.68	155.99	378.77	174.43	0.00	20.10	37.09	5.22	1.44	80.12	63.31	199.26	1.20	146.32	1.53	88.85	0.00	82.07	140.95
ENSMUSG00000037217	Syn1	19.62	0.00	32.05	62.82	40.51	0.00	18.47	30.77	0.00	0.00	483.44	228.82	486.87	415.00	373.53	212.07	201.33	226.48	0.00	240.75	427.67	253.02	281.95	215.90	97.32
ENSMUSG00000037224	Zfyve28	92.52	139.71	25.34	51.77	168.19	184.56	77.43	60.82	296.02	0.00	255.09	218.00	417.31	339.31	425.25	325.18	640.32	450.78	573.28	471.29	374.98	244.56	72.23	152.77	224.85
ENSMUSG00000037225	Fgf2	278.48	106.40	0.00	26.92	162.66	84.73	164.81	35.06	251.73	220.89	37.42	139.15	20.87	245.35	162.34	84.83	161.90	88.20	174.63	151.42	168.01	90.55	25.24	92.17	106.27
ENSMUSG00000037239	Spred3	88.78	0.00	52.17	87.67	60.77	0.00	0.00	27.91	0.00	0.00	248.98	334.73	282.85	281.89	0.00	243.18	135.95	170.95	172.23	100.38	135.17	223.41	207.98	69.44	185.70
ENSMUSG00000037254	Ibtk2	140.17	97.80	0.00	19.33	52.18	72.25	19.89	211.09	107.22	294.83	139.76	428.26	169.24	508.96	925.20	334.61	53.97	172.04	317.96	188.86	132.88	62.62	129.66	239.63	43.98
ENSMUSG00000037259	Dzank1	128.96	250.41	209.42	46.25	289.11	328.40	44.75	95.17	0.00	37.92	51.93	294.53	445.13	195.75	48.85	191.34	591.54	325.56	204.74	358.99	257.37	283.49	315.02	262.62	300.92
ENSMUSG00000037275	Gemin5	1408.29	878.03	1784.89	1514.52	1450.48	1073.87	1216.89	1408.92	982.46	1229.57	872.94	1426.26	820.72	1093.62	436.74	1056.60	1294.13	883.05	1097.19	927.26	1045.51	787.85	818.88	915.38	880.40
ENSMUSG00000037278	Tmem97	287.83	889.85	359.21	331.34	222.82	433.49	218.09	291.23	279.70	128.93	522.39	428.26	449.77	490.69	1356.20	544.80	380.87	671.81	816.57	316.46	242.09	231.87	324.59	190.65	375.88
ENSMUSG00000037279	Ovol2	119.62	38.69	61.86	85.60	63.22	78.16	39.07	141.68	74.59	86.27	72.55	56.43	85.78	146.16	0.00	55.61	0.00	59.89	34.93	63.80	25.97	147.25	0.00	102.27	147.67
ENSMUSG00000037307	Banf2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000037315	Jade3	397.16	319.19	1008.33	695.13	533.42	765.17	673.45	505.90	820.47	1090.21	1354.09	1757.12	1372.50	1101.45	1495.55	960.46	1049.21	1038.75	1558.46	1554.23	721.70	1540.15	1304.46	669.17	909.48
ENSMUSG00000037318	Traf3ip3	577.52	0.00	37.26	66.96	114.79	138.58	117.21	35.06	0.00	314.74	149.69	56.43	88.10	28.71	469.79	333.66	283.32	98.00	85.51	114.84	337.56	328.34	166.21	314.39	77.19
ENSMUSG00000037325	Bbs7	366.32	552.40	734.08	487.35	226.50	285.71	487.33	472.26	396.25	940.43	86.30	382.65	396.45	307.99	143.67	525.00	497.10	559.66	295.07	458.53	436.84	470.51	300.23	474.74	407.20
ENSMUSG00000037336	Mfsd2b	93.45	251.48	174.39	144.27	41.13	163.54	0.00	25.04	113.05	0.00	248.98	136.83	273.57	193.14	0.00	83.89	160.86	211.23	151.75	154.83	79.42	62.62	285.43	200.75	70.48
ENSMUSG00000037337	Map4k1	316.79	305.22	185.57	151.87	73.05	257.46	226.61	104.47	242.41	275.87	310.07	279.07	243.43	198.36	0.00	80.12	270.86	219.95	165.00	267.97	262.79	69.39	33.07	202.02	85.02
ENSMUSG00000037347	Chst7	468.18	127.89	121.48	162.22	292.80	94.58	482.35	315.56	290.19	179.17	191.70	568.18	584.24	344.53	525.81	520.29	415.12	660.92	372.15	244.15	219.95	620.29	231.48	285.35	195.77
ENSMUSG00000037353	Letmd1	866.28	1399.26	906.98	1002.31	1257.74	799.32	1374.60	1484.05	1449.97	1248.53	823.30	974.80	952.87	796.07	837.57	977.43	361.15	618.46	435.98	882.17	698.79	502.66	688.35	944.42	975.49
ENSMUSG00000037363	Letm2	319.60	135.41	210.91	144.96	145.48	271.26	113.66	231.84	229.59	403.85	471.98	306.12	215.61	321.04	28.73	275.23	224.16	581.44	495.00	504.46	144.34	226.79	243.66	366.15	225.97
ENSMUSG00000037370	Enpp1	121.48	1.07	113.28	0.00	98.83	73.56	69.62	40.07	125.87	52.14	240.57	68.03	41.73	23.49	423.81	121.59	40.47	84.93	460.07	119.95	242.09	0.00	252.36	141.41	105.16
ENSMUSG00000037375	Hhat	154.19	0.00	72.29	100.78	48.49	197.04	69.62	163.86	305.34	100.49	348.26	537.26	408.04	856.10	425.25	486.36	455.59	263.50	519.09	509.57	61.86	192.10	341.13	138.89	46.98
ENSMUSG00000037406	Htra4	72.89	0.00	18.63	13.81	73.05	26.93	0.00	17.89	3.50	0.00	675.14	592.92	841.58	446.32	670.92	794.57	667.30	854.74	637.12	993.62	445.24	507.74	416.84	577.01	324.42
ENSMUSG00000037408	Cnnm4	379.41	148.31	606.64	434.89	497.82	351.39	360.88	335.59	194.63	383.00	655.28	686.46	676.98	798.68	610.58	607.00	1008.74	767.63	533.54	731.60	644.56	262.33	668.33	493.67	153.26
ENSMUSG00000037411	Serpine1	1072.80	1030.64	884.62	1365.41	977.22	1295.21	1281.54	1456.86	1245.85	1041.86	956.95	800.87	653.79	882.20	1030.08	1179.13	1116.67	1305.52	1036.97	1289.66	1576.28	1230.43	1243.55	775.23	1375.97
ENSMUSG00000037437	Adam32	55.14	195.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	267.31	62.62	229.52	180.09	0.00	57.50	0.00	93.

ENSMUSG00000038072	Galnt11	688.72	645.90	569.38	517.72	734.14	623.30	481.64	653.30	513.96	601.04	930.22	583.65	563.37	1036.19	0.00	999.11	1105.25	850.38	1393.46	929.81	961.50	1090.80	362.01	623.72	992.27
ENSMUSG00000038074	Fkbp14	47.66	114.99	86.45	196.05	54.63	152.38	183.99	22.90	205.12	0.00	94.70	91.99	62.60	15.66	0.00	197.94	173.31	104.53	90.33	111.44	83.24	27.93	114.00	114.90	83.90
ENSMUSG00000038086	Hspb2	9.34	0.00	45.46	120.80	26.39	29.56	246.50	70.12	0.00	0.00	52.70	87.35	166.93	67.86	166.65	0.00	51.89	137.19	0.00	78.26	153.50	0.00	112.26	35.35	0.00
ENSMUSG00000038092	Hsd3b5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.81	0.00	0.00	0.00	0.00	0.00	0.00	27.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000038119	Cdon	1127.94	1271.37	1381.71	1150.73	1456.62	998.33	1432.85	1568.49	1612.96	1185.96	881.34	1219.86	625.97	944.84	617.76	861.49	513.71	752.39	663.61	892.38	720.17	851.31	877.18	885.08	604.08
ENSMUSG00000038128	Camk4	1131.68	1451.93	6387.60	6573.03	6676.01	5752.24	8083.49	5340.88	3079.08	2020.21	2825.03	2465.22	2443.60	3246.92	636.44	1197.04	944.39	843.85	1012.88	822.63	3552.73	3263.93	3071.88	1575.72	982.20
ENSMUSG00000038132	Rbm24	148.59	131.11	1173.03	900.84	1078.50	584.55	526.40	287.65	665.46	650.33	21.38	82.72	6.96	7.83	0.00	7.54	259.45	226.48	598.58	146.32	132.88	0.00	77.45	215.90	148.78
ENSMUSG00000038152	5033430I15R	26.17	0.00	0.00	9.66	19.03	13.14	99.45	42.93	201.62	0.00	0.00	17.78	48.69	23.49	0.00	63.15	0.00	82.75	0.00	40.83	0.00	36.39	146.20	56.82	0.00
ENSMUSG00000038168	P3h2	237.36	471.80	178.12	134.61	507.02	168.14	282.02	281.21	65.26	96.70	394.08	602.20	401.08	289.72	198.26	673.93	381.91	789.41	128.87	545.30	216.89	434.12	151.42	377.52	381.47
ENSMUSG00000038173	Enpp6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107.22	0.00	105.39	45.61	23.18	2.61	0.00	124.42	110.01	176.39	73.47	238.20	41.24	92.24	0.00	301.76	38.03
ENSMUSG00000038179	Slamf7	181.29	299.84	17.14	0.00	0.00	0.66	0.00	6.44	0.00	0.00	903.49	390.39	296.76	446.32	281.58	863.38	353.89	473.64	431.17	428.75	526.19	294.49	384.64	478.52	404.96
ENSMUSG00000038180	Spag4	21.49	0.00	24.59	23.48	37.44	0.00	40.49	40.79	0.00	0.00	47.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.53	0.00	74.84	0.00	32.44
ENSMUSG00000038181	Chpf2	463.51	626.55	731.10	543.27	1065.61	951.70	873.78	894.44	1297.13	749.88	416.23	648.58	711.75	438.49	635.00	607.00	598.81	559.66	189.09	602.29	497.17	549.21	420.32	810.59	715.95
ENSMUSG00000038195	Rilp	0.00	0.00	0.00	0.00	0.00	65.68	0.00	43.65	101.39	61.62	68.74	14.69	30.14	60.03	0.00	99.91	77.83	52.26	0.00	9.36	34.37	12.69	40.90	138.89	0.00
ENSMUSG00000038201	Kcna7	35.51	0.00	202.71	179.48	119.08	309.35	96.61	210.37	31.47	289.14	22.15	163.88	169.24	169.65	0.00	4.71	85.10	74.04	105.99	145.47	58.04	132.01	210.59	121.21	44.75
ENSMUSG00000038204	Asb10	21.49	0.00	63.35	0.00	0.00	0.00	61.80	12.88	0.00	0.00	79.43	50.25	32.46	83.52	0.00	55.61	105.86	0.00	80.69	68.06	0.00	66.01	60.05	41.67	39.15
ENSMUSG00000038209	Itln1	223.34	29.02	40.24	37.28	95.76	0.00	0.00	17.17	0.00	63.52	895.85	675.64	1161.52	639.47	2676.48	1518.45	661.07	1230.39	1544.01	1290.51	1197.48	1007.02	1112.14	1106.03	1134.34
ENSMUSG00000038217	Tlcd2	328.01	326.71	348.78	314.78	281.75	341.54	386.45	362.78	323.99	161.16	689.65	388.84	278.21	430.66	205.44	465.62	417.19	629.35	505.84	602.29	584.23	599.14	914.60	392.67	894.94
ENSMUSG00000038224	Serpinf2	0.00	0.00	0.00	0.00	10.44	0.00	0.00	0.00	0.00	0.00	42.01	22.42	0.00	0.00	179.58	78.23	36.32	80.57	0.00	24.67	45.82	133.71	0.00	90.91	0.00
ENSMUSG00000038239	Hrc	9.34	0.00	54.40	0.00	0.00	0.00	0.00	27.91	75.75	0.00	59.50	38.65	37.09	10.44	0.00	20.74	20.76	58.80	0.00	58.70	105.39	121.86	51.34	0.00	0.00
ENSMUSG00000038241	Cep250	2494.17	1679.76	2856.57	2413.29	3182.09	2567.42	3014.17	2915.87	2995.17	2681.92	1851.28	1698.37	2151.48	1988.87	2291.46	1444.93	2346.45	1984.95	1185.11	1261.59	1909.25	1637.47	1251.38	2093.38	2500.24
ENSMUSG00000038246	Fam50b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.40	14.15	0.00	22.12	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000038248	Sobp	40.18	202.04	267.55	195.35	195.20	629.87	386.45	390.69	646.82	573.55	35.13	17.78	27.82	20.88	297.39	0.00	117.27	68.60	283.03	68.06	500.99	104.93	105.30	69.44	265.13
ENSMUSG00000038256	Bcl9	2872.64	1752.84	2950.47	2505.79	3024.95	2529.99	2944.55	2794.23	3279.54	3300.02	2864.75	2780.62	2522.43	1717.42	2149.23	2559.03	2947.34	2955.10	3420.43	3401.94	3833.01	3290.17	3668.86	3313.05	4250.97
ENSMUSG00000038276	Asic3	598.08	261.15	17.14	0.00	0.00	42.69	48.31	50.80	0.00	0.00	2501.21	2197.75	2522.43	2072.39	2910.66	4001.14	1914.73	1543.97	1771.64	1296.46	860.69	1340.44	835.41	613.62	451.95
ENSMUSG00000038295	Atg9b	173.82	56.96	39.50	20.71	47.26	0.00	147.76	0.00	102.56	0.00	95.47	109.00	257.34	78.30	409.45	163.06	619.56	501.95	348.06	917.90	1722.14	1710.24	819.75	1121.18	727.14
ENSMUSG00000038302	Afg1l	272.87	139.71	184.82	188.45	182.31	264.69	273.50	238.28	367.11	310.95	171.08	449.91	333.85	318.43	593.34	458.08	371.53	280.92	245.69	364.95	454.40	275.87	338.52	477.26	303.16
ENSMUSG00000038304	Cd160	71.02	0.00	0.00	0.00	0.00	0.00	122.19	0.00	0.00	0.00	0.00	0.00	4.64	0.00	132.17	0.00	29.06	87.11	0.00	0.00	74.84	0.00	0.00	53.03	0.00
ENSMUSG00000038347	Tcte2	14.95	0.00	21.61	0.00	0.00	0.00	20.60	40.79	0.00	0.00	41.24	71.12	122.88	80.91	0.00	0.00	21.79	95.82	0.00	99.53	285.62	87.16	17.40	27.78	0.00
ENSMUSG00000038351	Sgsm2	1055.05	1418.61	1471.88	1159.01	1123.92	1833.12	902.19	1632.17	1003.44	1196.39	491.08	218.00	380.22	247.96	169.52	517.46	1187.24	915.71	661.20	410.89	1049.32	695.61	772.76	989.87	1158.95
ENSMUSG00000038370	Pcp4l1	642.00	828.60	354.00	258.17	249.83	112.97	155.57	151.70	0.00	438.93	2689.85	2959.97	2517.79	3100.75	4248.18	3934.22	1646.98	2995.39	3142.22	3213.09	1258.58	554.28	1629.06	991.14	1410.65
ENSMUSG00000038390	Gpr162	784.98	280.50	430.01	329.96	975.37	480.12	250.77	585.32	207.45	415.23	1177.67	1382.20	1156.89	704.72	1541.53	1176.31	1348.09	1685.52	1203.17	1171.41	873.67	1066.26	1074.72	1013.86	728.26
ENSMUSG00000038402	Foxf2	20.56	0.00	0.00	0.00	0.00	23.64	0.00	0.00	0.00	0.00	12.32	34.37	112.86	64.92	177.48	0.00	48.07	28.02	74.04	46.97	90.17	95.46	101.55	0.00	36.62
ENSMUSG00000038415	Foxq1	320.53	80.60	46.21	137.37	58.93	261.41	150.60	196.78	0.00	89.11	440.67	400.43	526.28	587.26	510.01	484.47	585.32	424.65	290.25	647.38	1388.41	863.16	416.84	582.06	335.60
ENSMUSG00000038421	Fcfa	11.21	0.00	0.00	35.21	0.00	17.73	0.00	0.00	0.00	0.00	147.40	248.15	148.38	91.35	813.14	309.16	96.51	121.95	198.72	103.79	0.00	82.08	160.12	54.29	145.43
ENSMUSG00000038422	Hdhd3	197.18	171.95	59.62	205.02	68.75	323.14	263.55	222.54	0.00	91.01	218.43	386.52	577.28	461.98	222.68	352.51	383.98	327.74	287.85	205.87	493.35	486.59	359.40	229.79	440.76
ENSMUSG00000038473	Nos1ap	155.13	144.01	79.74	17.95	189.67	93.27	182.57	154.56	0.00	59.72	89.36	132.19	4.64	83.52	0.00	96.14	45.66	158.97	0.00	146.32	146.63	344.42	146.20	220.95	0.00
ENSMUSG00000038486	Sv2a	101.86	329.93	48.44	44.18	185.99	97.21	46.89	77.28	188.80	0.00	57.28	116.73	34.78	10.44	0.00	15.08	144.25	99.08	66.24	167.59	0.00	147.25	0.00	40.40	38.03
ENSMUSG00000038508	Gdf15	474.72	2.15	0.00	44.87	30.69	0.00	0.00	25.76	0.00	0.00	1642.78	1117.04	1091.97	1323.30	1620.54	1274.33	999.40	1008.26	859.93	1048.91	559.79	915.63	842.37	393.93	360.21
ENSMUSG00000038517	Tbkbp1	159.80	337.46	243.70	244.37	429.68	386.20	163.39	207.51	465.01	481.59	1202.87	788.50	635.24	388.90	1116.28	888.83	655.89	682.70	857.52	831.98	746.90	772.61	407.26	577.01	809.92
ENSMUSG00000038522	Mfsd4b1	86.91	0.00	0.00	0.00	0.00	13.14	0.00	0.00	97.90	0.00	117.61	39.43	60.28	18.27	199.69	0.00	0.00	0.00	0.00	0.00	71.79	28.77	0.00	34.09	30.20
ENSMUSG00000038523	1700003F12I	59.81	0.00	28.32	0.00	14.12	0.00	0.00	16.46	0.00	0.00	0.00	10.82	18.55	0.00	0.00	0.00	32.17	0.00	33.72	0.00	0.00	83.78	0.00	0.00	0.00
ENSMUSG00000038526	Car14	89.71	0.00	0.00	21.40	33.15	68.96	0.00	0.00	0.00	0.00	25.97	105.91	0.00	161.82	0.00	189.45	48.78	59.89	163.80	99.53	83.24	159.09	185.36	44.19	58.17
ENSMUSG00000038528	Mfsd4b5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.93	43.29	9.27	0.00	0.00	0.00	0.00	0.00	0.00	9.36	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000038530	Rgs4	1455.95	2933.94	2858.81	3840.83	3717.35	5389.03	4824.23	5335.87	6232.75	5726.92	1025.69	596.01	723.34	568.99	471.22	649.42	605.03	1073.59	1321.20	1132.28	2516.39	1771.17	2056.33	2210.80	3848.24
ENSMUSG00000038564	Ifit172	1219.52	1883.96	1722.29	1352.99	1872.79	1767.44	1587.00	1375.29	1357.73	2176.63	1382.35	1375.24	781.30	1169.31	3292.81	1407.23	1726.89	1376.29	1065.87	1901.31	1772.55	1496.15	1646.46	1431.78	1242.85
ENSMUSG00000038569	Rab9b	21.49	68.78	36.52	171.88	102.51	218.06	25.57	241.09	93.23	132.72	32.08	53.34	164.61	54.81	0.00	100.85	110.01	228.66	0.00	212.67	316.17	214.84	0.00	214.64	0.00
ENSMUSG00000038570	Saxo2	233.62	392.27	277.98	0.00	151.62	155.66	225.90	135.24	264.55	362.14	87.83	198.67	250.39	36.54	419.50	32.05	144.25	214.50	457.66	461.93	186.34	290.26	96.59	270.20	46.98
ENSMUSG00000038580	Sct	213.07	0.00	43.97	0.00	0.00	0.00	19.89	12.16	0.00	0.00	733.94	337.05	345.44	211.42	387.90	690.89	589.47	302.70	379.38	473.84	444.47	581.36	373.33	227.27	296.45
ENSMUSG00000038583	Pln	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	321.53	395.02	99.69	334.09	0.00	71.63	63.31	51.18	10.84	28.92	109.97	194.63	441.20	0.00	45.87
ENSMUSG00000038600	Atp6v0a4	163.54	0.00	0.00	0.00	0.00	28.90	0.00	0.00	0.00	40.76	800.39	782.32	823.04	315.82	933.82	654.13	306.15	340.81	493.79	345.38	349.77	268.26	359.40	248.73	362.45
ENSMUSG00000038602	Slc35f1	65.41	96.72	73.78	303.73	421.09	380.29	286.29	223.97	854.26	930.00	28.26	74.21	125.19	146.16	0.00	114.05	85.10	62.06	45.77	68.91	55.75	106.63	271.51	219.69	79.43
ENSMUSG00000038637	Lrrc56	548.55	198.82	137.13	393.47	610.76	378.32	696.18	346.33	499.97	401.01	381.86	545.77	482.23	613.36	97.69	762.53	892.50	797.03	675.66	1011.48	668.24	390.11	147.94	428.02	411.67
ENSMUSG00000038641	Akr1d1	35.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	119.91	126.01	69.55	258.40	0.00	42.41	0.00	76.22	351.68	80.82	118.37	87.16	107.91	92.17	0.00
ENSMUSG00000038663	Fsd2	264.46	0.00	25.34	62.82	90.85	78.16	72.46	85.15	0.00	201.93	1832.95	1050.56	1592.75	1485.13	2333.12	2004.81	1124.97	838.40	868.36	1342.40	1153.19	728.61	612.64	498.72	1132.10
ENSMUSG00000038665	Dgki	321.47	85.98	57.38	97.33	171.26	0.00	14.21	13.60	0.00	8.53	215.37	90.45	159.97	357.58	0.00	330.84	674.57	41.38	277.01	376.01	361.23	121.01	54.82	122.47	170.04
ENSMUSG00000038670	Mybpc2	377.54	635.15	371.14	174.65	326.56	459.76	217.38	510.19	127.03	492.02	181.77	258.97	243.43	292.33	597.65	312.93	218.97	139.37	386.60	344.53	329.15	127.78	93.11	361.10	421.74
ENSMUSG00000038732	Mboat1	1334.46	84.90	461.31	605.39	648.82	618.05	582.52	661.17	405.57	1072.20	1559.53	1172.70	1108.20	923.96	1370.57	1114.10	1161.29	688.15	1747.55	1072.73	1290.65	1296.43	1728.26	1023.98	1457.63
ENSMUSG00000038742	Angptl6	12.15	0.00	0.00	23.47	0.00	0.00	0.00	16.46	0.00	0.00	0.00	17.01	146.06	5.22	0.00	110.28	7.26	9.80	0.00	45.94	64.91	162.48	3.48	0.00	0.00
ENSMUSG00000038751	Ptk6	28.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	217.66	187.08	132.15	70.47	0.00	151.75	290.58	226.48	108.39	215.23	546.81	305.49	357.66	531.55	252.82
ENSMUSG00000038754	Elovl3	0.00	111.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141.29	97.40	115.92	0.00	0.00	98.97	31.13	177.48	105.99	176.09	29.78	48.24	70.49	8.84	50.34
ENSMUSG00000038763	Alpk3	116.81	0.00	216.12	198.12	86.55	0.00	0.00	10.73	64.10	0.00	851.56	808.60	326.90	498.52	117.81	574.96	467.01	248.25	228.83	388.77	182.52	198.87	50.47	130.05	0.00
ENSMUSG00000038768	9130409I23R	112.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	320.00	249.69	340.81	263.62	617.76	564.59	197.18	431.18	343.25	204.17	22.91	358.80	164.47	90.91	183.46
ENSMUSG00000038777	Sema6c	1034.49	181.62	602.17	278.88	888.82	271.91	579.68	428.62	106.05	270.18	868.36	611.47	530.92	644.69	533.00	751.21	764.85	613.02	316.75	666.10	740.79	400.27	475.14	378.78	275.19
ENSMUSG00000038805	Six3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.60	52.14	42.77	38.65	62.60	182.70	34.48	120.65	133.88	0.00	0.00	63.80	91.64	0.00	0.00	6.31	0.00
ENSMUSG00000038811	Gngt2	47.66	0.00	0.00	0.00	19.64	7.22	0.00	0.00	0.00	0.00	315.42	71.12	88.10	20.88	0.00	194.17	30.10	54.44	180.66	107.19	32.84	0.00	124.44	56.82	99.56
ENSMUSG00000038836	Agbl3	227.08	75.23	222.83	144.27	251.67	173.39	228.74	176.03	80.42	57.83	295.56	13.91	146.06	190.53	30.17	210.19	143.22	219.95	193.90	230.54	224.53	34.70	401.17	194.44	187.94
ENSMUSG00000038883	Prl3a1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000038895	Zfp653	367.26	885.56	505.28	327.89	527.28	685.04	663.50	545.25	432.38	427.55	613.27	265.93	581.92	396.73	241.36	571.19	817.78	579.26	558.83	457.68	264.24	571.21	219.30	553.02	545.91
ENSMUSG00000038916	Soga3	36.45	0.00	0.00	35.90	0.00	0.00	14.21	0.00	0.00	188.65	7.64	114.41	148.38	28.71	0.00	0.00	58.12	66.42	37.34	35.73	33.60	46.54	0.00	74.49	79.43
ENSMUSG00000038936	Scgb2h	779.37	1163.90	1641.06	849.07	1252.83	1573.69	951.92	915.19	709.75	830.46	816.43	1219.08	679.29	370.63	226.99	916.16	541.73	730.61	865.95	676.21	753.01	798.85	796.25	939.37	900.53
ENSMUSG00000038973	Cldnd2	0.00	0.00	0.00	0.00	0.00	31.97	25.76	0.00	0.00	0.00	0.00	15.46	4.64	0.00	2.87	0.00	0.00	2.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000038984	Tspyl5	237.36	103.17	269.04	132.54	210.54	185.22	125.03	108.05	88.57	0.00	352.08	350.96	435.86	208.80	475.53	305.39	404.74	340.81	68.65	360.70	110.74	56.70	51.34	138.89	49.22
ENSMUSG00000038987	Cfap157	28.03	248.26	0.00	0.00	69.36	0.00	102.30	12.16	0.00	0.00	59.57	136.83	81.14	133.11	0.00	53.73	227.28	133.93	244.49	109.74	148.92	214.10	283.69	82.07	258.41
ENSMUSG00000038994	Hils1	75.69	0.00	0.00	25.54	0.00	0.00	0.00	0.00	0.00	0.00	176.42	0.00	0.00	33.93	0.00	63.15	0.00	78.40	81.90	16.16	0.00	34.70	0.00	0.00	0.00
ENSMUSG00000038997	Asb17	199.05	0.00	0.00	0.00	83.48	0.00	0.00	23.61	0.00	0.00	178.71	109.00	106.65	368.02	0.00	110.28	85.10	189.46	2.41	101.23	37.42	102.39	206.24	11.36	0.00
ENSMUSG00000039004	Bmp6	209.33	536.28	130.42	370.00	311.83	444.65	470.28	566.00	283.20	423.76	381.86	258.20	143.74	240.13	517.19	579.67	645.51	334.27	362.52	665.25	401.71	232.71	442.94	637.61	239.40
ENSMUSG00000039005	Tlr4	141.11	504.04	346.54	273.36	409.42	472.89	339.56	359.21	343.80	308.10	240.57	122.91	141.42	93.96	205.44	111.22	51.89	142.64	0.00	236.49	337.56	108.32	187.10	348.48	265.13
ENSMUSG00000039021	Ttc16	79.43	0.00	0.00	74.55	24.55	25.62	0.00	48.66	0.00	156.42	176.42	200.99	565.69	300.16	613.45	504.27	403.70	726.25	97.55	620.16	216.89	446.81	583.05	517.66	299.81
ENSMUSG00000039037	St6galnac5	31.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.60	11.60	60.28	2.61	0.00	36.76	0.00	58.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000039055	Eme1	375.67	291.24	164.70	263.69	305.69	293.59	340.99	188.19	178.31	59.72	171.08	173.93	229.52	148.77	221.24	65.98	170.20	214.50	204.74	45.94	65.68	74.47	123.57	152.77	294.21
ENSMUSG00000039058	Ak5	70.09	0.00	42.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	199.33	314.63	97.37	297.55	94.82	594.75	130.76	138.28	176.84	139.51	69.50	80.39	76.58	128.78	72.71
ENSMUSG00000039062	Anpep	1018.60	688.89	363.69	529.46	492.90	847.27	571.15	678.34	1108.33	1384.09	2418.73	3382.05	2227.99	2962.42	1971.09	2437.44	1917.84	1513.48	1699.38	1426.62	1308.98	1797.41	1638.63	1362.34	1382.68
ENSMUSG00000039070	Cpa4	0.00	0.00	31.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.37	0.00	6.96	0.00	0.00	32.99	53.97	0.00	32.52	83.37	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000039086	Ss18l1	1398.94	990.88	1275.14	849.07	896.80	552.37	702.57	1073.33	613.02	973.61	914.95	938.47	969.10	1205.85	603.39	1264.91	1165.44	1045.28	1158.61	875.37	503.28	808.16	1068.63	986.09	946.40
ENSMUSG00000039092	Sptlc3	169.14	174.10	506.77	289.93	395.92	300.81	679.84	706.97	339.14	1039.97	43.53	93.54	44.05	104.40	314.63	196.99	257.37	207.97	71.06	124.20	527.72	388.42	214.07	238.63	685.75
ENSMUSG00000039110	Mycbpap	91.58	0.00	0.00	0.00	27.62	0.00	0.00	17.17	59.44	0.00	135.18	134.51	122.88	23.49	0.00	195.11	197.18	115.42	186.68	268.82	190.16	176.02	0.00	146.46	144.31
ENSMUSG00000039126	Prune2	474.72	68.78	208.67	178.10	195.81	345.48	203.88	180.32	466.17	419.02	1141.77	1097.72	1360.91	1044.02	966.87	2051.00	1378.19	1582.08	1127.30	1105.91	664.42	233.56	583.05	782.81	703.65
ENSMUSG00000039131	Gipc2	240.17	0.00	35.77	13.81	35.60	0.00	0.00	12.16	160.83	88.16	55.75	215.68	435.86	174.87	382.15	362.88	371.53	554.22	352.88	315.61	230.64	466.28	267.16	381.30	685.75
ENSMUSG00000039137	Whm	1373.71	2073.10	2275.27	2078.49	2300.02	2191.74	2129.74	1721.62	1375.21	1932.99	1318.96	1265.47	1585.79	1380.72	239.92	1841.75	2332.96	1535.26	1724.67	1757.54	2172.73	1320.13	1442.83	2489.83	1079.52
ENSMUSG00000039154	Shd	22.43	0.00	36.52	0.00	75.50	0.00	42.62	0.00	0.00	0.00	129.83	140.69	30.14	49.59	370.66	85.77	300.96	209.06	90.33

ENSMUSG00000039936	Pik3cd	707.41	217.09	115.51	79.38	30.08	183.25	100.16	86.58	348.47	234.16	1263.97	908.32	848.54	686.45	377.84	912.39	907.03	483.44	457.66	877.07	576.59	879.24	388.12	655.29	86.14
ENSMUSG00000039958	Eifbkmt	131.76	199.89	96.14	175.34	125.22	204.92	446.83	168.15	392.75	506.24	170.31	275.20	317.62	99.18	436.74	364.77	296.81	530.26	454.05	695.02	750.72	403.65	443.81	821.95	407.20
ENSMUSG00000039963	Ccdc40	203.72	0.00	178.86	103.54	69.36	83.41	20.60	19.32	82.75	207.61	223.77	109.00	122.88	143.55	0.00	159.29	440.02	505.22	269.78	590.38	471.97	126.94	190.58	241.16	310.99
ENSMUSG00000039981	Zc3h12d	299.97	112.84	310.77	313.40	357.25	334.31	412.73	809.29	747.04	505.29	1226.55	647.03	885.63	435.88	1175.18	674.87	929.86	623.90	605.80	1142.49	1137.15	1269.35	806.70	791.65	652.19
ENSMUSG00000040003	Magi2	113.07	0.00	46.95	268.53	179.24	155.66	199.62	172.45	172.48	125.14	0.00	86.58	146.06	91.35	0.00	253.55	290.58	151.35	161.39	148.02	113.03	60.08	160.99	83.33	97.32
ENSMUSG00000040034	Nup43	185.96	293.39	608.13	520.49	316.74	459.10	467.43	769.93	0.00	73.94	69.50	356.37	405.72	190.53	0.00	136.67	122.46	198.17	125.26	182.05	258.89	137.09	273.25	121.21	218.14
ENSMUSG00000040035	Disp2	133.63	107.47	114.02	107.00	74.27	15.11	0.00	36.49	0.00	0.00	314.66	404.30	370.95	193.14	1170.87	234.70	390.21	458.40	501.02	375.16	227.58	135.40	135.75	476.00	384.82
ENSMUSG00000040040	Ift88	674.71	547.02	719.17	532.91	629.18	531.35	537.05	593.19	957.99	575.44	943.97	766.08	899.54	947.45	418.07	1012.30	707.78	862.36	1252.55	660.14	723.22	536.51	518.65	803.01	627.58
ENSMUSG00000040046	Tph1	536.40	87.05	0.00	75.24	0.00	0.00	34.81	3.58	0.00	0.00	1388.46	1495.83	999.23	1070.13	1942.35	1842.69	1132.23	1238.01	1994.45	1850.27	927.90	780.23	729.25	719.68	381.47
ENSMUSG00000040055	Gjb6	220.54	96.72	0.00	109.07	0.00	40.72	62.51	0.00	6.99	0.00	234.46	161.57	113.60	250.57	353.42	319.53	306.15	663.10	435.98	1088.89	1318.91	1157.65	830.19	773.97	684.63
ENSMUSG00000040113	Mettl11b	53.27	180.55	0.00	40.04	0.00	0.00	0.00	0.00	0.00	0.00	45.06	85.03	0.00	39.15	0.00	23.56	102.74	74.04	214.38	49.34	215.36	31.31	268.90	143.94	100.68
ENSMUSG00000040127	Sdr9c7	279.41	0.00	0.00	22.09	52.18	31.53	0.00	15.03	0.00	0.00	364.30	245.83	394.13	91.35	867.74	391.16	710.89	957.64	922.55	974.05	1465.54	1175.42	732.73	1344.66	1019.11
ENSMUSG00000040133	Gpr176	445.76	151.53	541.80	646.12	566.56	863.69	905.03	637.56	1435.82	753.67	384.92	213.36	199.38	120.06	293.08	515.58	349.74	331.01	376.97	120.80	542.99	275.87	410.74	292.92	475.44
ENSMUSG00000040136	Abcc8	1295.21	238.58	163.21	205.71	192.13	104.43	103.72	130.23	386.92	214.25	3457.40	3451.62	3841.60	3126.85	3476.70	2962.44	2409.76	3050.92	2945.91	2289.23	1386.12	1394.60	1026.86	1094.67	1056.03
ENSMUSG00000040146	Rgl3	770.03	272.97	275.00	425.22	664.78	237.76	129.29	186.04	6.99	474.95	1048.60	1149.51	1061.83	1104.06	1206.79	1409.12	1715.47	1434.00	732.26	1690.34	1149.37	1154.27	821.49	1098.46	811.04
ENSMUSG00000040163	1700034J05F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040183	Ankrd6	1317.64	2040.86	1276.63	1899.70	2600.79	3728.64	1824.98	3066.14	2565.12	3173.94	544.54	246.60	129.83	73.08	472.66	377.96	859.29	482.35	346.86	274.78	1129.51	1165.27	1007.72	960.83	1067.22
ENSMUSG00000040187	Amtl2	578.45	294.47	300.34	360.34	284.82	409.19	333.17	218.96	539.60	544.16	137.47	143.79	445.13	185.31	333.30	460.91	578.05	793.76	617.85	451.72	601.80	139.63	286.30	481.05	524.66
ENSMUSG00000040195	Nemp1	579.39	744.77	860.03	488.04	582.52	956.96	453.94	573.87	468.51	585.87	673.61	517.16	197.06	242.74	0.00	505.21	273.98	384.36	509.45	578.47	420.80	323.26	228.87	289.13	483.27
ENSMUSG00000040197	Cd209e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.42	0.00	129.83	0.00	0.00	0.00	69.53	0.00	0.00	15.31	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040213	Kyat3	114.01	0.00	231.77	216.75	155.91	84.73	248.64	234.70	222.60	94.80	327.64	153.83	234.16	57.42	247.10	88.60	92.36	117.59	50.58	311.36	337.56	69.39	96.59	98.48	120.82
ENSMUSG00000040219	Ttc12	309.32	501.89	175.88	59.37	135.66	152.38	304.76	157.42	304.18	79.63	101.58	30.15	108.97	86.13	347.67	413.78	129.72	124.13	232.44	267.97	179.47	157.40	213.20	212.12	256.18
ENSMUSG00000040220	Gas8	881.23	692.11	815.31	542.58	465.90	488.66	709.68	480.14	916.03	889.23	322.29	486.24	322.26	399.34	446.80	730.48	737.87	622.81	969.52	578.47	590.34	465.43	249.75	609.83	498.93
ENSMUSG00000040229	Gpr34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.47	0.00	19.86	0.00	0.00	0.00	0.00	32.99	120.38	0.00	0.00	0.00	0.00	0.00	0.00	44.19	51.46
ENSMUSG00000040231	Syngr4	52.33	0.00	0.00	39.35	27.01	0.00	0.00	15.03	0.00	0.00	28.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.12	21.38	0.00	0.00	0.00	48.10
ENSMUSG00000040247	Tbc1d10c	0.00	0.00	89.43	94.57	97.60	374.38	146.34	65.12	0.00	0.00	230.65	559.68	387.17	352.36	0.00	0.00	0.00	0.00	0.00	0.00	787.38	597.44	366.36	0.00	0.00
ENSMUSG00000040265	Dnm3	371.93	117.14	107.32	183.62	230.80	312.64	231.59	362.78	469.67	711.96	549.88	570.50	442.82	451.54	267.22	583.44	772.12	623.90	567.26	661.84	451.35	281.80	358.53	662.86	364.69
ENSMUSG00000040276	Pacsin1	66.35	220.31	31.30	207.09	48.49	0.00	0.00	42.93	0.00	0.00	669.03	324.68	227.20	587.26	0.00	105.57	292.66	95.82	511.86	538.49	244.38	240.33	194.93	286.61	390.42
ENSMUSG00000040280	Ndufa4l2	98.12	0.00	8.20	0.00	0.00	136.61	123.61	47.94	254.06	90.06	69.50	33.24	16.23	20.88	219.81	126.30	39.44	43.55	105.99	0.00	113.79	0.00	47.86	0.00	87.26
ENSMUSG00000040283	Btnl9	0.00	0.00	0.00	0.00	0.00	0.00	181.86	13.60	0.00	69.20	71.79	64.94	2.32	7.83	449.67	126.30	120.38	90.37	40.95	0.00	48.88	44.00	0.00	47.98	0.00
ENSMUSG00000040287	Stac3	177.55	311.66	215.38	207.09	251.06	95.24	31.26	10.73	155.00	69.20	384.92	77.30	255.03	151.38	377.84	205.48	203.41	244.99	0.00	332.62	126.77	177.71	45.25	102.27	137.60
ENSMUSG00000040289	Hey1	1194.29	1542.20	1939.16	2166.85	1672.07	2547.06	2531.11	2408.55	2167.71	1791.74	382.63	251.24	428.91	409.78	308.88	574.96	690.13	497.60	529.93	319.01	1368.55	1266.82	1495.91	1371.18	1441.97
ENSMUSG00000040312	Cchcr1	1208.30	1815.18	1910.84	1586.31	1607.01	1703.74	1638.86	1753.82	1616.46	2032.53	1488.51	1022.73	1778.22	1688.71	1515.67	2134.88	1284.79	1674.63	2041.42	1700.55	1400.63	747.23	1046.88	1306.78	1653.40
ENSMUSG00000040329	Il7	4237.01	6920.02	6840.72	7094.90	5480.88	7592.59	8700.81	8797.00	8145.23	9008.93	2466.08	2220.17	2589.66	1834.87	1909.31	3154.72	2257.20	2543.52	2122.11	2210.97	3732.20	4441.89	4925.46	4694.32	5140.32
ENSMUSG00000040350	Tex45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.73	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040360	Trim7	445.76	416.99	1825.88	1669.14	2198.12	1486.33	1493.94	1422.52	272.71	214.25	1910.85	2309.07	2958.29	2382.99	443.93	549.51	535.50	480.18	446.82	624.41	2056.65	2383.85	1900.56	361.10	530.25
ENSMUSG00000040364	Sec1	269.14	238.58	213.89	171.88	119.08	135.30	122.19	137.39	0.00	0.00	1057.76	1094.62	894.91	874.37	688.16	1167.82	937.13	533.53	763.57	794.55	523.13	520.44	476.01	382.57	549.27
ENSMUSG00000040380	Cbln3	60.74	0.00	111.04	39.35	0.00	0.00	105.85	13.60	0.00	60.67	120.67	188.62	102.01	70.47	0.00	194.17	96.51	132.84	105.99	35.73	10.69	154.01	78.32	30.30	4.47
ENSMUSG00000040387	Klhl32	0.00	1.07	18.63	52.46	34.37	53.20	90.93	104.47	76.92	114.71	217.66	244.28	25.50	62.64	186.76	111.22	28.02	161.15	0.00	290.94	138.99	115.09	112.26	60.60	152.14
ENSMUSG00000040405	Havcr1	14.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	384.92	148.42	296.76	104.40	153.72	200.76	138.03	135.02	198.72	186.30	140.52	88.85	180.14	102.27	83.90
ENSMUSG00000040413	Timd2	203.72	0.00	26.83	0.00	0.00	0.00	0.00	0.00	152.67	0.00	908.84	570.50	424.27	722.99	1433.78	1094.30	645.51	841.67	762.37	877.92	645.33	275.03	365.49	525.24	381.47
ENSMUSG00000040428	Plekha4	1557.81	1878.58	988.96	1217.69	1425.93	1561.87	1800.83	1254.36	1462.62	1892.23	1900.16	1062.16	1824.59	1506.01	3103.17	2361.09	1828.59	1634.34	1624.70	1000.42	1228.03	1285.43	1467.19	1430.52	1166.78
ENSMUSG00000040429	Mterf1a	115.88	185.92	151.29	64.20	65.07	197.04	29.84	53.67	150.34	90.06	0.00	85.03	18.55	46.98	1.44	93.31	17.64	98.00	0.00	84.22	29.02	125.24	0.00	50.50	32.44
ENSMUSG00000040434	Large2	2111.03	1835.59	1857.93	2970.36	4096.08	3259.03	2693.08	3545.56	3418.22	3533.23	1406.02	948.52	878.68	1085.79	1310.23	900.14	1146.76	1138.92	1787.30	901.74	1654.18	1075.57	1146.08	970.93	2279.86
ENSMUSG00000040471	Ggt6	452.30	521.23	406.91	382.43	583.75	1045.62	176.18	783.53	919.53	609.57	116.09	312.31	90.42	101.79	731.26	235.64	237.65	130.66	264.96	478.09	565.14	406.19	189.71	386.35	775.24
ENSMUSG00000040489	Sox30	111.21	0.00	42.48	36.59	64.45	115.60	23.44	20.75	0.00	99.54	30.55	135.28	306.03	60.03	367.78	92.37	67.46	86.02	80.69	72.31	75.61	23.69	62.66	49.24	26.85
ENSMUSG00000040492	Abcg5	41.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	188.64	291.44	180.84	300.16	494.21	350.63	305.11	267.85	191.00	266.27	90.12	175.17	46.99	10.16	192.41
ENSMUSG00000040511	Pvr	424.26	80.60	236.99	269.91	546.31	623.30	213.12	354.91	313.50	220.89	329.17	204.86	336.17	211.42	0.00	280.88	443.14	256.97	185.47	429.60	614.02	539.90	635.26	526.50	260.65
ENSMUSG00000040514	Tex47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.01	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040528	Mlir1	0.93	0.00	0.00	37.97	0.00	0.00	0.00	15.03	0.00	0.00	28.26	74.21	13.91	125.28	0.00	32.05	113.12	40.29	0.00	60.40	20.62	28.77	59.18	89.64	99.56
ENSMUSG00000040537	Adam22	96.25	0.00	45.46	56.60	50.95	0.00	87.38	24.33	0.00	0.00	332.99	607.61	428.91	634.25	0.00	534.43	146.33	375.65	214.38	255.21	339.85	60.93	332.42	295.45	143.19
ENSMUSG00000040541	Tmem225	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	131.28	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040552	C3ar1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.15	0.00	0.00	0.00	68.81	42.55	32.67	0.00	29.77	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040557	Mettl27	1032.62	1126.29	952.44	699.96	923.81	847.27	547.00	979.59	1843.72	718.59	1267.03	1370.60	1265.85	944.84	2607.52	1913.38	1302.43	1277.21	1666.86	1196.93	768.28	655.83	831.06	1242.39	459.78
ENSMUSG00000040563	Plppr2	98.12	228.91	604.40	276.81	256.58	459.10	325.36	317.71	87.41	374.46	316.18	218.77	303.71	41.76	475.53	242.24	338.32	375.65	555.22	455.12	575.83	487.43	321.11	249.99	477.67
ENSMUSG00000040564	Apoc1	61.68	364.32	163.21	319.61	325.33	322.49	421.97	397.85	398.58	386.79	195.51	79.62	71.87	75.69	0.00	103.68	349.74	265.68	93.94	235.64	303.95	244.56	219.30	335.85	219.26
ENSMUSG00000040576	Tmem270	39.25	0.00	0.00	0.00	0.00	0.00	14.31	0.00	0.00	0.00	0.00	11.59	0.00	0.00	63.15	42.55	0.00	52.99	0.00	41.24	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040584	Abcb1a	274.74	0.00	0.00	0.00	0.00	0.00	0.00	7.16	0.00	65.41	943.97	329.32	280.53	404.56	706.83	968.00	515.78	776.56	160.18	803.06	295.55	423.12	190.58	332.08	389.30
ENSMUSG00000040592	Cpr9b	298.10	315.96	117.01	61.44	252.28	182.59	140.66	145.47	125.87	177.28	420.81	483.15	442.82	475.03	248.27	773.84	504.37	778.52	800.14	725.65	345.96	353.73	400.30	372.47	513.47
ENSMUSG00000040594	Ranbp17	373.80	487.92	64.84	248.51	269.47	186.53	72.46	347.76	312.34	182.97	466.64	299.17	605.10	558.55	1251.32	397.76	463.89	577.08	884.01	687.36	123.72	489.97	158.38	256.31	519.07
ENSMUSG00000040605	Bace2	451.36	617.95	379.34	281.64	466.51	968.12	507.93	510.90	513.96	846.57	244.39	63.39	166.93	91.35	0.00	233.75	389.17	332.10	252.92	358.14	1139.44	1042.56	643.96	681.80	1313.33
ENSMUSG00000040606	Kazn	559.76	639.45	4731.64	5920.01	6401.63	6200.18	5446.53	5781.66	1267.99	462.63	3572.72	3421.48	3377.92	3930.75	2.87	593.81	260.49	413.76	474.52	353.04	3757.41	3116.69	3957.77	505.04	618.63
ENSMUSG00000040627	Aicda	58.87	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	450.60	228.82	255.03	258.40	909.40	367.60	185.77	265.68	95.15	246.70	122.19	58.39	274.12	88.38	44.75
ENSMUSG00000040629	Mael	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.55	2.61	0.00	0.00	52.93	30.49	0.00	23.82	0.00	0.00	0.00	55.55	0.00
ENSMUSG00000040631	Dok4	228.02	168.73	161.72	168.43	240.62	281.11	192.51	253.31	293.69	208.56	249.74	209.49	102.01	245.35	0.00	246.01	261.52	66.42	177.04	127.60	162.67	181.09	139.24	184.34	127.53
ENSMUSG00000040640	Erc2	26.17	0.00	103.59	0.00	49.11	0.00	26.28	0.00	0.00	0.00	222.25	321.58	438.18	237.52	0.00	279.94	223.13	113.24	112.01	162.48	16.80	208.17	32.20	0.00	72.71
ENSMUSG00000040653	Ppp1r14c	194.38	94.57	207.18	119.42	76.73	57.14	68.91	95.88	59.44	291.04	342.91	340.14	146.06	274.06	336.18	223.39	599.85	298.34	382.99	360.70	64.15	335.96	234.96	244.94	286.38
ENSMUSG00000040657	1700063H04I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.78	0.00	31.32	0.00	0.00	22.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040711	Sh3pxd2b	3038.05	3646.47	5514.90	5795.06	5740.53	7019.20	6522.77	5154.12	9283.86	7165.05	1033.33	1135.60	765.08	853.49	935.26	1123.52	1571.22	1314.23	1115.25	1102.51	2262.08	2790.89	2418.35	2583.27	3636.82
ENSMUSG00000040712	Camta2	2083.93	1153.16	1832.59	1894.18	1702.76	1655.13	1409.41	1570.64	942.84	1105.38	2453.10	2100.35	2105.12	2560.47	741.31	1903.01	2824.88	2292.00	2092.00	1195.22	2394.96	1783.02	2039.80	1907.78	1736.18
ENSMUSG00000040722	Scamp5	213.07	87.05	126.69	423.15	289.11	226.60	227.79	374.95	532.60	223.73	93.94	131.42	150.70	159.21	485.59	265.80	668.34	418.11	232.44	259.46	313.88	250.49	73.97	349.74	479.91
ENSMUSG00000040724	Kcna2	1456.88	213.87	810.09	735.17	573.93	295.56	134.26	216.10	172.48	363.09	2309.52	4035.27	3973.75	3902.04	2274.22	2777.70	1837.93	2413.95	2064.30	1892.80	1036.34	1142.42	486.45	915.38	775.24
ENSMUSG00000040729	Cep126	702.74	832.90	463.55	403.83	398.38	500.48	547.71	262.61	216.77	468.32	787.40	563.55	551.78	589.87	0.00	589.10	974.49	917.89	351.68	566.57	519.32	648.22	377.68	623.72	421.74
ENSMUSG00000040732	Erg	260.72	120.37	0.00	41.42	16.57	0.00	0.00	20.75	0.00	149.79	539.19	523.35	554.10	548.11	310.32	845.47	627.87	523.73	792.48	545.30	203.14	892.78	196.67	342.16	632.05
ENSMUSG00000040740	Slc25a34	0.00	0.00	0.00	24.85	18.41	40.06	0.00	0.00	0.00	0.00	116.85	71.12	0.00	78.30	0.00	45.24	0.00	82.75	44.56	0.00	56.51	0.00	0.00	51.77	98.44
ENSMUSG00000040759	Cmtm5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.06	0.00	68.65	0.00	0.00	0.00	0.00	0.00	36.92
ENSMUSG00000040794	C1qtnf4	0.00	0.00	51.42	41.42	201.95	110.34	134.97	65.83	0.00	0.00	0.00	92.76	27.82	26.10	0.00	0.00	0.00	0.00	0.00	0.00	34.37	11.85	173.17	0.00	0.00
ENSMUSG00000040808	S100g	382.21	360.03	67.82	0.00	0.00	21.02	0.00	0.00	0.00	0.00	1240.30	925.33	918.09	741.26	2354.67	1495.83	1212.14	1636.52	1678.90	1428.32	1541.15	1256.66	1166.10	893.92	1257.39
ENSMUSG00000040809	Chil3	305.58	0.00	0.00	27.61	0.00	35.47	318.96	73.70	109.55	65.41	357.43	615.34	468.32	501.13	2074.53	751.21	806.37	722.99	1028.54	1070.18	899.64	776.00	972.91	594.68	685.75
ENSMUSG00000040820	Hics	409.31	524.46	368.16	475.62	429.68	376.35	137.10	337.02	266.88	515.72	394.08	510.98	565.69	715.16	45.97	415.67	523.05	863.45	681.68	780.94	402.47	448.51	214.94	612.36	618.63
ENSMUSG00000040828	Catsperd	118.68	196.67	0.00	120.80	62.00	0.00	86.67	1.43	0.00	0.00	98.52	98.95	229.52	54.81	158.03	98.03	127.65	94.73	0.00	279.88	106.92	192.94	18.27	50.50	43.63
ENSMUSG00000040829	Zmynd15	1511.08	708.23	661.04	860.80	1461.53	1049.56	695.47	1110.54	854.26	1088.31	1381.59	1750.94	1451.32	1821.82	1815.93	2304.54	1738.31	900.47	1086.35	846.44	1109.66	1284.59	1247.90	938.11	1427.43
ENSMUSG00000040852	Plekhh2	135.50	588.94	174.39	284.40	268.24	571.41	235.85	304.11	484.82	335.60	590.36	708.10	723.34	469.81	570.35	496.73	330.02	468.20	366.13	513.82	306.24	831.00	1.74	448.22	190.17
ENSMUSG00000040857	Erf	1050.37	1225.16	1455.49	1643.60	1942.77	3226.85	1956.40	2331.27	2470.72	2579.53	442.20	282.93	148.38	234.91	353.42	328.95	378.79	663.10	700.95	288.39	971.43	826.77	715.32	672.96	1278.65
ENSMUSG00000040860	Crocc	707.41	885.56	731.84	715.15	863.66	989.80	694.05	873.69	568.73	1140.46	526.21	407.39	521.64	819.56	34.48	512.75	504.37	263.50	527.52	153.98	617.07	450.20	663.98	381.30	541.44
ENSMUSG00000040866	Rsph6a	14.02	0.00	17.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.64	91.22	44.05	31.32	0.00	0.00	22.83	18.51	0.00	13.61	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040875	Osbpl10	1300.82	2553.50	1468.16	1386.81	1532.73	1737.89	1524.49	2057.21	1096.67	1779.41	453.65	198.67	373.26	195.75	679.54	1224.38	1308.66	601.04	557.63	535.09	716.35	685.45	1076.46	1417.89	1367.02
ENSMUSG00000040891	Foxa3	0.00	0.00	79.74	21.40	32.53	0.00	133.55	0.00	0.00	0.00	0.00	0.00	71.87	10.44	0.00	0.00	55.00	150.26	0.00	0.00	20.62	80.39	56.56	95.96	145.43
ENSMUSG00000040899	Ccr6	286.89	0.00	0.00	0.00	31.92	0.00	0.71	0.00	0.00	0.00	142.05	505.57	549.46	354.97	0.00	406.24	335.21	500.87	224.01	296.89	45.06	225.95	41.77	79.54	0.00
ENSMUSG00000040918	Slc19a2	249.51	152.61	60.37	347.22	107.42	16.42	73.17	256.88	378.77	40.76	212.32	155.38	208.66	206.19	238.48	186.63	112.08	128.48	95.15	219.48	207.73	139.63	177.53	174.24	96.21
ENSMUSG00000040919	4930505A04I	0.00	0.00	54.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.37

ENSMUSG00000041809	Effc1	91.58	189.15	85.70	20.02	68.14	36.12	0.00	43.65	0.00	181.07	0.00	78.08	227.20	36.54	0.00	204.53	149.44	37.02	37.34	391.32	106.92	78.70	140.98	320.70	36.92
ENSMUSG00000041831	Sytl3	176.62	0.00	64.84	13.81	0.00	234.48	103.01	52.95	0.00	130.83	156.56	193.26	176.20	185.31	0.00	226.21	171.24	136.10	224.01	137.81	481.13	239.48	120.09	101.01	116.34
ENSMUSG00000041845	Rhod	104.66	410.54	355.49	481.14	151.62	281.11	465.30	417.17	668.96	410.49	0.00	138.37	306.03	167.04	502.83	130.07	369.45	373.47	256.53	238.20	116.08	48.24	414.23	372.47	275.19
ENSMUSG00000041849	Card6	360.72	715.75	242.95	177.41	357.25	220.03	94.48	261.89	36.13	400.06	372.70	333.95	146.06	253.18	409.45	113.11	228.31	123.04	120.44	423.65	200.09	162.48	92.24	343.43	363.57
ENSMUSG00000041912	Tdrkh	98.12	0.00	0.00	0.00	35.60	122.82	181.15	0.00	0.00	0.00	251.27	184.76	85.78	91.35	241.36	316.70	245.96	104.53	245.69	302.00	78.66	77.85	258.46	135.10	0.00
ENSMUSG00000041923	Nol4	540.14	216.02	839.90	582.61	662.94	271.26	553.39	276.92	315.83	128.93	851.56	1211.35	1323.81	1352.01	502.83	1279.04	822.97	953.82	967.11	1221.60	641.51	756.54	503.86	546.70	608.56
ENSMUSG00000041975	Mettl8	400.90	392.27	68.56	318.23	276.84	376.35	232.30	299.10	664.30	370.67	51.17	325.45	271.25	527.23	178.14	365.71	155.67	238.46	77.08	127.60	279.51	401.96	140.11	128.78	109.63
ENSMUSG00000041984	Rptn	2201.68	585.71	0.00	82.84	0.00	185.87	120.77	47.94	39.62	555.53	1842.11	749.08	922.73	798.68	2116.19	2192.38	6432.25	4990.14	6496.41	8653.30	15824.64	11142.39	9880.50	14526.14	13534.86
ENSMUSG00000041991	Hmr	372.86	291.24	0.00	0.00	27.01	0.00	0.00	31.48	0.00	0.00	607.16	550.40	574.97	349.75	0.00	410.95	998.36	699.03	822.59	1080.39	1519.00	687.99	965.95	833.31	400.49
ENSMUSG00000041995	Zbed3	1107.38	1133.81	1687.26	1562.15	1775.19	1720.15	1712.03	1256.51	1172.43	1929.20	870.65	1304.89	1075.74	1646.95	726.95	1448.70	935.05	679.43	876.79	1161.20	1043.98	1304.90	1577.71	897.70	570.52
ENSMUSG00000042010	Acacb	6077.04	3317.61	4075.07	4223.25	3317.13	4013.69	3931.99	2978.13	2301.74	3661.21	15516.68	17246.52	16956.85	19194.40	13967.13	12767.82	11496.68	14532.71	8717.28	11774.52	6107.31	5789.10	7074.90	4185.50	5126.89
ENSMUSG00000042041	2010003K11I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.83	0.00	0.00	0.00	32.05	71.61	33.75	0.00	62.95	39.71	137.09	0.00	37.88	81.66
ENSMUSG00000042050	Wdr60	1025.14	1038.16	431.50	860.11	1222.75	1554.64	868.80	1232.90	1842.55	1546.20	279.52	665.59	1010.83	422.83	1752.72	781.38	761.74	976.69	1304.34	746.91	856.87	1021.41	879.79	958.31	1309.97
ENSMUSG00000042064	Myo3b	1091.49	338.53	94.65	213.30	406.97	65.02	279.89	144.54	184.14	146.94	4460.94	3920.09	3649.18	3064.21	3340.22	4364.96	3906.26	4042.85	4467.03	3942.14	2569.85	2786.66	1628.19	2570.64	2245.18
ENSMUSG00000042066	Tmcc2	642.00	291.24	710.23	790.39	699.77	1024.61	481.64	449.37	198.12	950.85	591.13	461.50	595.83	595.09	284.46	594.75	703.62	753.48	1089.96	620.16	399.42	593.21	217.56	477.26	824.46
ENSMUSG00000042087	4933440N22I	101.86	48.36	52.91	0.00	0.00	25.62	9.24	23.61	69.93	45.50	34.37	57.20	0.00	10.44	0.00	0.00	58.12	0.00	0.00	0.00	0.00	0.00	107.91	15.15	0.00
ENSMUSG00000042102	Dmgdh	3.74	0.00	0.00	29.68	0.00	0.00	0.00	17.17	0.00	0.00	0.00	225.73	95.05	49.59	346.23	120.65	66.42	63.15	233.65	63.80	32.08	98.16	0.00	34.09	0.00
ENSMUSG00000042104	Uggt2	520.51	306.29	478.46	568.81	559.20	413.78	401.37	314.84	277.37	344.13	336.80	394.25	354.72	527.23	195.38	328.01	245.96	433.36	177.04	462.78	415.45	106.63	475.14	171.71	269.60
ENSMUSG00000042115	Klhdc8a	1064.39	701.78	620.80	320.30	163.28	311.98	362.30	388.54	402.08	487.28	1459.49	1423.17	959.82	1291.98	1084.67	2037.80	1662.55	1209.70	1410.33	2069.75	1528.16	1522.38	1156.52	1178.00	1780.93
ENSMUSG00000042116	Vwa1	1649.39	4606.18	2077.03	2251.76	2492.76	2933.92	2960.18	2819.27	4683.89	4590.26	135.18	2.32	23.18	54.81	678.10	167.77	482.57	238.46	290.25	171.84	725.52	643.14	528.22	1286.58	2226.16
ENSMUSG00000042118	Bhmt2	0.00	0.00	0.00	0.00	0.00	14.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.10	0.00	0.00	0.00	0.00	0.00	0.00	61.10	0.00	0.00	0.00	0.00
ENSMUSG00000042129	Rassf4	1426.04	562.07	173.64	37.97	168.80	143.84	353.06	58.68	0.00	0.00	4351.73	5987.19	5367.12	4611.98	1486.93	3663.70	4040.13	3653.05	3277.11	3593.35	2655.39	2227.29	1429.77	1986.06	1324.51
ENSMUSG00000042156	Dzip1	643.87	1032.79	663.28	624.03	700.38	637.09	749.46	570.29	576.89	1063.67	255.85	209.49	431.22	707.33	0.00	283.71	584.28	301.61	113.21	147.17	621.65	47.39	158.38	340.90	344.55
ENSMUSG00000042182	Bend6	218.67	487.92	181.10	334.10	106.81	99.18	61.09	133.81	43.12	72.05	241.34	333.18	310.67	253.18	376.40	356.28	169.16	252.61	54.20	53.59	66.44	238.64	32.20	117.42	78.31
ENSMUSG00000042200	Cdrt4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.95	0.00	0.00	27.22	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000042213	Zfand4	57.00	0.00	0.00	34.51	34.99	45.32	61.80	47.23	285.53	344.13	0.00	56.43	23.18	41.76	0.00	50.90	85.10	34.84	126.46	96.98	95.46	103.24	88.76	435.59	205.84
ENSMUSG00000042216	Sgsm1	1510.15	2275.15	1368.29	1782.35	2552.92	935.28	779.29	850.79	515.12	583.03	2710.47	3045.78	2151.48	2737.96	745.62	1253.60	1313.85	1935.95	1434.41	1332.19	923.31	1210.12	1120.85	705.79	535.85
ENSMUSG00000042225	Ammecr1	470.05	703.93	1113.41	919.48	642.07	444.00	355.19	666.18	398.58	470.21	578.91	756.03	521.64	861.32	287.33	301.62	599.85	213.41	264.96	416.84	423.09	487.43	373.33	630.03	225.97
ENSMUSG00000042251	Pm20d1	182.23	101.02	0.00	0.00	0.00	29.56	48.31	11.45	0.00	98.59	162.67	191.71	64.92	279.28	0.00	177.20	559.37	244.99	254.12	524.88	416.22	391.81	501.25	242.42	72.71
ENSMUSG00000042256	Ptchd4	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00	264.25	215.68	57.96	253.18	214.06	145.15	59.15	19.60	32.52	154.83	90.12	72.78	109.65	102.27	0.00
ENSMUSG00000042258	Isl1	885.90	1594.86	1600.81	1702.28	2148.40	2459.71	1608.32	1983.51	1991.73	2559.63	556.76	490.11	674.66	696.89	780.10	836.99	1028.45	688.15	1116.46	559.76	972.95	1514.76	1338.40	1303.00	1865.95
ENSMUSG00000042293	Gm5617	67.28	0.00	63.35	161.53	134.43	47.29	330.33	42.22	152.67	36.97	214.61	211.81	13.91	73.08	0.00	169.66	178.50	148.08	72.26	111.44	133.65	158.25	437.72	207.07	118.58
ENSMUSG00000042306	S100a14	10208.45	6636.30	5468.70	4676.09	4576.10	3426.52	4010.84	3690.82	3654.81	6203.77	21563.88	21189.03	19310.03	19995.69	35097.40	27522.54	21348.47	22493.20	26858.81	22628.58	12446.03	16091.18	18083.21	13340.57	14604.31
ENSMUSG00000042320	Prox2	187.83	228.91	0.00	17.26	33.15	82.76	37.65	38.64	0.00	0.00	13.75	126.78	67.23	216.64	0.00	118.76	128.69	177.48	190.29	176.95	0.00	49.93	20.02	151.51	133.12
ENSMUSG00000042340	Ctif1	339.22	691.03	396.48	238.15	420.47	468.95	672.74	477.98	819.30	422.81	145.11	305.35	104.33	78.30	0.00	231.87	307.19	235.19	145.73	187.15	168.78	221.71	349.83	522.71	252.82
ENSMUSG00000042345	Ubash3a	141.11	0.00	0.00	0.00	0.00	56.48	219.51	0.00	0.00	0.00	43.53	26.28	37.09	0.00	453.98	158.35	143.22	62.06	78.28	265.42	154.27	56.70	97.46	157.82	0.00
ENSMUSG00000042349	Ikbke	1950.30	1220.86	697.56	968.49	1149.70	1126.41	853.88	802.85	1258.67	665.50	3310.00	2472.18	3039.43	2171.57	2127.68	2182.01	2131.63	2559.86	2041.42	2068.90	2335.40	1937.88	1066.89	1287.85	1548.25
ENSMUSG00000042351	Grap2	1127.00	1086.53	380.08	454.22	342.52	583.89	598.86	536.66	268.05	900.61	226.06	38.65	97.37	36.54	0.00	716.34	824.01	457.31	220.40	214.38	633.87	681.22	429.02	1434.31	454.18
ENSMUSG00000042360	4930433N12I	0.00	0.00	0.00	0.00	0.00	48.60	0.00	0.00	0.00	0.00	0.00	32.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000042367	Gjb3	217.74	1.07	221.34	319.61	161.44	652.20	593.88	369.22	310.01	904.40	36.66	90.45	57.96	54.81	0.00	63.15	48.78	241.72	201.13	71.46	433.02	211.56	173.17	178.03	595.14
ENSMUSG00000042371	Slc5a10	80.37	0.00	13.41	86.98	38.67	0.00	24.86	0.00	0.00	0.00	323.06	116.73	171.56	107.01	377.84	154.58	20.76	124.13	0.00	286.69	68.73	176.86	247.14	313.12	192.41
ENSMUSG00000042372	Dmrt3	106.53	45.14	110.30	110.45	65.68	0.00	44.75	86.58	1.17	100.49	381.86	68.03	60.28	41.76	0.00	199.82	194.07	25.04	113.21	276.48	195.51	231.87	165.34	299.23	79.43
ENSMUSG00000042377	Fam83g	2129.72	20.42	1793.09	1247.37	1360.86	1356.29	1423.61	1525.56	1145.62	925.26	2646.32	2771.35	2772.82	1706.98	1360.51	2129.23	2572.69	2842.95	2908.57	3076.13	3235.80	2543.79	3207.64	2475.95	3149.07
ENSMUSG00000042388	Dlgap3	388.75	504.04	679.67	258.17	196.43	505.08	278.47	173.16	19.81	68.26	1080.68	981.76	927.36	665.57	1183.80	455.25	920.52	628.26	817.77	1160.35	438.36	421.43	461.22	800.48	482.15
ENSMUSG00000042389	Tsen2	296.24	272.97	116.26	349.98	517.46	255.49	187.54	324.15	283.20	719.54	163.44	312.31	178.52	143.55	0.00	220.56	485.69	142.64	122.85	196.51	59.57	68.55	93.98	310.60	376.99
ENSMUSG00000042401	Crtac1	460.71	0.00	30.56	0.00	0.00	13.79	0.71	0.00	0.00	0.00	2049.85	2110.40	3039.43	2743.18	2068.78	3141.53	1360.55	1154.17	1766.82	1414.71	393.31	596.60	842.37	162.87	434.05
ENSMUSG00000042405	Mybph	19.62	0.00	0.00	51.77	83.48	168.80	112.95	63.68	0.00	56.88	3.82	0.00	0.00	44.37	0.00	80.12	99.63	132.52	62.06	78.28	265.42	154.27	56.70	97.46	157.82
ENSMUSG00000042453	Reln	344.83	0.00	36.52	0.00	22.10	0.00	100.87	0.00	0.00	0.00	2059.78	2425.80	1349.31	1884.46	1113.41	2002.92	1048.17	887.40	539.56	1127.18	953.10	1030.72	749.26	904.02	346.79
ENSMUSG00000042476	Abcb4	0.00	0.00	0.00	0.00	0.00	10.51	91.64	40.07	0.00	0.00	120.67	33.24	57.96	88.74	0.00	95.20	0.00	148.08	110.80	96.98	54.99	41.47	201.02	39.14	48.10
ENSMUSG00000042501	Cpa6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	122.20	0.00	0.00	15.66	1.44	23.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000042515	Mum1l1	386.88	449.23	108.81	149.10	50.33	130.05	180.44	193.91	0.00	295.78	1305.98	1007.27	1073.42	1252.83	435.31	1115.98	630.98	421.38	411.90	1223.30	782.03	1078.10	818.88	499.99	483.27
ENSMUSG00000042523	Dnal1	655.08	257.93	488.89	300.28	505.18	396.71	504.37	467.26	800.65	1033.33	678.19	628.48	275.89	365.41	53.16	326.12	485.69	283.10	238.47	700.12	521.61	686.30	201.02	773.97	353.50
ENSMUSG00000042525	4933428M09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.96	0.00	0.00	0.00	0.00	0.00	0.00	17.01	35.13	0.00	0.00	0.00	0.00
ENSMUSG00000042529	Kcnj12	247.64	49.44	92.41	0.00	0.00	0.66	0.00	0.00	0.00	0.00	79.43	245.05	85.78	261.01	505.70	247.89	182.65	279.83	233.65	239.90	121.43	60.93	127.92	193.18	149.90
ENSMUSG00000042532	Golga7b	987.76	217.09	470.26	542.58	263.33	68.31	293.39	178.17	54.78	119.45	2301.11	2697.91	2411.15	2466.51	3930.68	2883.27	1277.52	1505.86	1674.08	1243.72	669.77	735.38	726.64	539.13	361.33
ENSMUSG00000042564	Fam227a	371.93	555.62	143.09	93.19	316.12	193.10	16.34	172.45	454.52	294.83	93.94	193.26	169.24	354.97	0.00	347.80	504.37	434.45	391.42	357.29	277.99	223.41	450.77	333.32	182.34
ENSMUSG00000042579	4632404H12I	434.54	134.34	304.06	161.53	406.97	371.09	410.60	231.84	0.00	223.73	2.29	261.29	169.24	107.01	183.89	509.92	318.60	348.43	313.14	169.29	373.45	171.79	98.34	128.78	223.74
ENSMUSG00000042581	Thsd7b	424.26	446.00	195.26	195.35	255.97	103.12	65.36	66.55	81.58	0.00	924.11	1447.90	1214.85	869.15	21.55	961.40	1005.62	981.04	694.93	840.49	250.49	474.74	337.65	422.97	139.83
ENSMUSG00000042604	Kcna4	32.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000042616	Oscp1	320.53	396.57	160.23	104.93	238.17	84.73	328.91	205.36	0.00	151.68	305.49	167.75	377.90	203.58	0.00	249.78	448.33	333.18	588.94	137.81	240.57	364.73	423.80	147.72	151.02
ENSMUSG00000042622	Maff	588.73	426.66	1286.19	956.06	483.08	573.38	1246.73	1225.74	326.32	533.73	2139.97	597.56	1321.49	2435.19	466.91	720.11	916.37	687.06	1375.40	918.75	968.37	1582.46	1294.02	809.32	533.61
ENSMUSG00000042647	Acad12	37.38	87.05	82.72	155.32	79.80	185.87	58.25	86.58	256.40	90.06	227.59	423.63	180.84	386.29	204.00	245.06	237.65	445.33	376.97	169.29	257.37	127.78	191.45	289.13	249.46
ENSMUSG00000042662	Dusp15	884.03	136.49	67.82	151.18	110.49	110.34	0.00	62.97	0.00	0.00	2049.85	2120.45	2063.38	2500.44	1449.58	2402.57	1854.54	1465.58	1788.50	2268.81	850.00	1068.80	1136.51	671.70	606.32
ENSMUSG00000042686	Jph1	2559.59	2387.99	2070.32	2117.84	1428.38	1012.13	1199.84	1567.06	835.62	1019.11	4572.44	5504.82	5930.49	5726.48	3940.74	4607.20	4642.05	3745.60	4144.26	3875.78	2908.94	3065.07	2474.04	2815.58	2702.72
ENSMUSG00000042700	Sipa1l1	4532.31	2669.56	3510.91	5088.89	4600.65	4444.55	4167.84	4542.32	6794.49	5165.70	4493.02	4594.18	4173.14	3865.50	7653.04	5593.11	5822.03	4747.33	4638.06	6199.04	4736.47	5305.90	3461.74	4700.64	6329.47
ENSMUSG00000042707	Dnali1	12.15	0.00	0.00	0.00	17.19	19.70	28.42	69.41	0.00	176.33	67.97	0.00	23.18	15.66	63.21	0.00	451.44	95.82	73.47	312.21	97.75	138.78	197.54	344.69	162.21
ENSMUSG00000042709	Atpaf2	936.37	1126.29	1178.25	850.45	988.88	1060.07	1298.59	986.03	1568.68	1193.54	478.09	676.41	602.79	571.60	782.98	688.06	778.35	615.19	1061.06	706.93	791.19	506.90	782.33	786.60	1029.18
ENSMUSG00000042724	Mapk3gh	226.15	107.47	397.22	444.55	589.28	400.65	274.92	358.49	34.96	171.59	865.30	330.09	382.54	636.86	0.00	145.15	138.03	352.78	99.96	518.93	468.15	838.62	476.01	405.29	250.58
ENSMUSG00000042743	Sgtb	49.53	85.98	38.01	28.99	0.00	0.00	0.00	98.75	155.00	54.04	20.62	17.78	27.82	23.49	0.00	58.44	156.71	79.49	0.00	80.82	0.00	24.54	0.00	29.04	134.24
ENSMUSG00000042750	Bex2	1034.49	905.98	655.83	675.80	267.63	231.85	605.98	585.32	129.36	353.61	908.07	517.16	769.71	754.31	1168.00	577.78	460.78	614.10	515.47	258.61	236.75	195.48	374.20	441.91	227.50
ENSMUSG00000042751	Nmnat2	184.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	398.10	330.09	248.07	417.61	969.74	420.38	303.04	316.85	343.25	320.71	90.88	212.41	565.64	73.23	128.65
ENSMUSG00000042757	Tmem108	413.98	544.87	277.24	272.67	125.84	149.75	219.51	74.42	187.64	0.00	533.85	646.26	468.32	522.01	260.03	520.29	482.57	602.13	666.02	508.72	290.21	242.87	214.94	556.80	317.70
ENSMUSG00000042761	Mrap2	22.43	0.00	0.00	0.00	23.33	0.00	0.00	27.91	0.00	56.88	0.00	0.00	64.92	0.00	235.61	82.94	0.00	0.00	0.00	43.39	46.59	0.00	0.00	13.89	0.00
ENSMUSG00000042763	Maneal	95.32	121.44	46.95	125.63	20.87	80.13	0.00	32.92	0.00	26.54	392.56	129.87	285.16	172.26	594.77	467.51	100.67	141.55	307.12	319.86	110.74	71.08	0.00	90.91	23.49
ENSMUSG00000042766	Trim46	331.75	77.38	250.41	289.93	211.16	127.42	179.02	31.48	72.26	109.02	527.74	428.26	755.80	858.71	488.46	412.84	562.48	395.25	755.14	587.83	322.28	423.12	192.32	260.09	361.33
ENSMUSG00000042797	Aqp11	268.20	180.55	45.46	68.34	13.50	63.71	252.90	178.89	193.46	389.63	375.75	280.61	217.93	140.94	0.00	229.98	168.12	224.30	215.58	220.33	229.11	143.01	239.31	376.25	140.95
ENSMUSG00000042800	Spata46	0.00	35.47	0.00	33.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.44	33.21	37.02	113.21	4.25	65.68	0.00	0.00	46.72	0.00
ENSMUSG00000042810	Krba1	3022.16	2009.70	1793.83	1655.34	3211.55	2308.65	1478.31	2468.65	1772.63	2277.12	3954.59	3523.52	3964.48	2855.41	2160.72	2835.20	2996.11	3611.67	3155.47	3166.30	3018.14	2284.84	2610.67	2627.46	1812.25
ENSMUSG00000042816	Gpr151	133.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.61	106.68	141.42	185.31	91.95	251.66	0.00	93.64	0.00	172.69	0.00	38.08	107.91	5.05	0.00
ENSMUSG00000042817	Flt3	102.79	0.00	0.00	0.00	0.00	0.00	26.99	0.00	0.00	0.00	356.66	395.80	551.78	613.36	186.76	488.24	464.93	341.89	363.72	237.34	314.64	123.55	139.24	193.18	42.51
ENSMUSG00000042821	Snai1	55.14	0.00	105.83	0.00	30.08	7.88	44.04	43.65	0.00	53.09	75.61	34.01	57.96	185.31	0.00	81.06	167.08	45.73	151.75	24.67	79.42	77.85	88.76	30.30	0.00
ENSMUSG00000042826	Fgf11	310.25	275.12	225.07	169.12	390.40	160.92	487.33	136.67	385.76	262.60	156.56	198.67	329.21	185.31	137.92	226.21	300.96	374.56	217.09	313.06	453.64	279.26	123.57	661.60	418.38
ENSMUSG00000042846	Lrrtm3	53.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.25	111.28	70.47	257.16	31.10	87.17	32.67	108.39	59.55	0.00	0.00	0.00	51.77	0.00
ENSMUSG00000042895	Abra	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.41	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000042903	Foxo4	969.07	1120.92	1354.88	1430.30	1324.03	1148.08	959.73	1397.47	1625.78	1016.27	840.87	899.82	850.86	1046.63	557.42	848.30	1020.15	662.01	725.03	967.24	1211.99	834.39	709.23	1074.47	1111.96
ENSMUSG00000042918	Mamstr	2002.63	1196.15	1451.76	1036.83	1538.87	360.58	38.36	157.42	81.58	464.52	2692.14	3409.88	3853.20	4113.46	2656.37	2038.74	2064.17	2016.53	2412.37	2019.56	1425.83	1044.26	995.53	883.82	803.21
ENSMUSG00000042942	Greb1l	883.10	251.48	792.21	697.20	799.21	1058.76	878.75	782.10	1461.46	1860.94	1590.08	915.28	781.30	994.43	1245.58	785.15	1426.97	645.68	1556.05	1231.81	1389.17	1188.12	674.42	1083.31	1232.78
ENSMUSG00000042961	Egflam	905.53	149.38	191.53	388.64	507.64	325.77	457.49	372.09	0.00	387.74	948.55	1000.31	456.73	814.34	353.42	1454.36	1567.07	926.60	732.26	1085.49	1155.48	472.20	1231.36	1119.92	647.71
ENSMUSG00000043013	Onecut1	0.00	0.00	0.00	0.00	10.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61	0.00	48.07	13.49	0.00	0.00	28.92	19.86	0.00	0.00	0.00	0.00
ENSMUSG00000043015	Nemp2	1105.51	441.70	853.32	637.15	1163.21	571.41	616.62	757.77	227.26	1135.72	200.10	538.81	598.15	177.48	544.49	446.77	296.81	459.49	296.28	359.85	520.84	495.05	671.81	311.86	143.19
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ENSMUSG00000044186	Nkx2-6	356.04	0.00	0.00	0.00	16.57	0.00	0.00	0.00	0.00	25.60	1802.40	1850.66	1520.88	1315.47	2228.25	1335.60	605.03	963.62	692.52	803.06	386.43	652.45	756.22	244.94	350.15
ENSMUSG00000044199	S1pr4	0.00	0.00	79.74	109.76	15.96	15.11	0.00	9.30	0.00	0.00	12.98	51.02	4.64	146.16	0.00	61.27	0.00	10.89	0.00	0.00	78.66	85.47	0.00	69.44	0.00
ENSMUSG00000044206	Vsig4	47.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.93	0.00	0.00	24.67	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044216	Kcnj4	162.60	0.00	62.60	52.46	0.00	0.00	50.44	0.00	0.00	0.00	310.07	125.23	71.87	159.21	0.00	193.22	23.87	108.88	136.09	72.31	89.35	121.86	204.50	21.46	38.03
ENSMUSG00000044222	Defb13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044244	Il20rb	1830.68	1578.74	1356.37	1223.90	1652.43	2199.62	1758.21	1863.30	1582.66	1648.59	786.64	1053.65	878.68	613.36	1146.45	1491.12	2349.57	2140.65	2378.64	3529.55	3225.87	2843.35	2657.66	2607.26	2742.99
ENSMUSG00000044250	Pced1b	339.22	125.74	117.75	340.32	97.60	230.54	123.61	202.50	393.92	420.92	214.61	223.41	250.39	86.13	132.17	419.44	413.04	350.61	330.00	501.06	669.00	401.96	207.98	550.49	258.41
ENSMUSG00000044254	Pcsk9	191.57	0.00	68.56	0.00	0.00	99.18	24.86	37.21	79.25	29.39	898.91	684.91	535.55	683.84	649.37	588.15	410.97	875.43	380.58	507.02	345.19	334.26	274.99	198.23	345.67
ENSMUSG00000044287	Nm1l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.95	0.00	0.00
ENSMUSG00000044288	Cnr1	39.25	95.65	409.15	338.25	545.08	18.39	61.09	60.11	0.00	0.00	139.00	46.38	120.56	143.55	201.13	0.00	29.06	0.00	0.00	11.06	119.14	27.08	160.12	181.81	0.00
ENSMUSG00000044303	Cdkn2a	246.71	125.74	0.00	40.04	41.74	0.00	56.83	41.50	26.81	74.89	1081.44	775.36	625.97	263.62	943.88	611.72	1011.85	842.76	785.25	814.97	1140.20	1425.06	873.70	925.48	643.24
ENSMUSG00000044320	1700001O22	7.48	0.00	38.01	46.25	0.00	0.00	39.78	20.04	123.54	0.00	282.72	157.70	25.50	441.10	0.00	94.26	130.76	117.59	86.72	17.01	109.21	20.31	213.20	39.14	124.17
ENSMUSG00000044322	Dsc1	52.33	0.00	0.00	69.72	0.00	0.00	0.00	24.33	0.00	0.00	331.46	211.81	18.55	78.30	0.00	65.04	476.35	241.72	564.85	472.99	810.29	393.50	274.12	441.91	827.82
ENSMUSG00000044339	Aikbh2	126.16	160.13	133.40	147.72	87.16	187.19	188.96	83.72	101.39	179.17	22.15	109.00	62.60	31.32	393.64	57.50	65.38	137.19	104.78	59.55	92.41	247.10	0.00	82.07	0.00
ENSMUSG00000044349	Snhg11	3393.16	2374.02	502.30	579.85	877.78	1198.66	1308.53	1866.16	0.00	419.97	1609.94	391.93	989.96	561.16	1617.67	2062.31	2460.61	970.15	1080.33	860.06	2370.53	1523.23	1696.06	3525.16	642.12
ENSMUSG00000044350	Lacc1	3432.41	3910.85	3883.54	3713.12	4853.55	4495.78	3865.21	5733.00	7067.20	6164.90	2050.61	2310.62	1887.19	2030.63	2320.19	2128.28	2338.15	3010.64	3192.80	2183.74	3761.99	3274.93	4049.14	3109.77	4525.04
ENSMUSG00000044361	BC024139	0.00	0.00	60.37	28.30	12.89	147.78	0.00	42.93	0.00	0.00	35.13	18.55	95.05	15.66	0.00	12.25	56.04	137.19	0.00	162.48	45.06	93.09	57.43	77.02	44.75
ENSMUSG00000044362	Ccdc89	0.00	0.00	0.00	6.90	0.00	72.90	23.44	0.00	0.00	0.00	0.00	35.56	185.47	10.44	0.00	26.39	80.95	0.00	28.91	63.80	80.95	0.00	88.76	0.00	0.00
ENSMUSG00000044365	Cxxc4	81.30	0.00	58.88	61.44	99.44	149.09	117.21	142.39	0.00	73.94	171.84	93.54	76.51	174.87	0.00	492.96	124.54	233.01	127.66	114.84	203.14	206.48	75.71	162.87	143.19
ENSMUSG00000044367	Slc16a13	5.61	0.00	128.18	43.49	120.92	158.29	163.39	78.71	456.85	604.83	125.25	228.05	370.95	242.74	0.00	214.90	273.98	273.30	226.42	154.83	270.35	341.03	218.43	165.40	98.44
ENSMUSG00000044375	BC027072	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.08	0.00	0.00	0.00	0.00	21.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044390	Tigd3	35.51	58.03	28.32	40.73	9.82	53.86	27.71	61.54	0.00	0.00	175.66	33.24	88.10	62.64	173.83	22.62	0.00	46.82	152.96	0.00	61.10	0.00	0.00	75.76	0.00
ENSMUSG00000044429	Cryga	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044461	Shisa2	2960.49	4788.88	5207.11	6105.01	5839.36	7640.54	6343.75	4411.38	8892.27	7986.98	1410.61	1605.60	1717.94	1151.04	1666.52	1952.03	2174.18	2117.79	2425.61	1478.51	2250.63	3004.98	2801.24	3640.06	4448.97
ENSMUSG00000044469	Tnfaip8l1	397.16	170.88	210.16	249.89	162.05	95.89	347.38	71.56	0.00	85.32	704.92	434.45	368.63	1046.63	222.68	592.87	352.85	913.53	303.50	740.96	167.25	423.12	238.44	222.22	172.28
ENSMUSG00000044499	Hs3st5	637.33	616.88	407.66	448.00	437.66	283.08	390.71	195.35	180.64	174.43	295.56	640.08	579.60	349.75	222.68	166.83	288.51	587.97	258.94	365.80	171.07	243.72	355.05	53.03	205.84
ENSMUSG00000044526	Znrf4	4.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.55	0.00
ENSMUSG00000044528	Tram1l1	0.00	0.00	0.00	0.00	0.00	50.57	87.38	36.49	0.00	0.00	0.00	51.79	16.23	2.61	0.00	21.68	115.20	74.04	77.08	20.42	0.00	43.16	0.00	20.20	100.68
ENSMUSG00000044534	Ackr2	372.86	0.00	37.26	0.00	47.26	0.00	0.00	22.18	0.00	0.00	1076.09	906.00	1059.51	751.70	1657.90	1023.61	601.92	738.23	543.17	673.75	242.86	215.79	462.96	79.54	164.45
ENSMUSG00000044550	Tceal3	28.03	84.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	215.37	149.97	44.05	122.67	170.96	179.09	53.97	123.04	16.86	26.37	0.00	33.00	87.02	51.77	0.00
ENSMUSG00000044556	Tex38	0.00	0.00	85.70	32.44	121.54	0.00	0.00	43.65	0.00	0.00	19.86	49.47	16.23	52.20	0.00	66.92	89.25	68.60	0.00	42.53	0.00	95.62	0.00	12.63	0.00
ENSMUSG00000044562	Rasip1	436.41	216.02	851.83	871.85	751.33	901.13	784.98	578.88	162.00	348.87	1730.61	1017.32	1511.60	1673.05	1735.48	884.11	385.02	628.26	366.13	581.03	781.27	1511.38	680.51	261.36	261.77
ENSMUSG00000044566	Cage1	57.94	0.00	202.71	107.69	179.24	34.15	34.10	66.55	214.44	0.00	76.37	116.73	46.37	88.74	162.34	84.83	38.40	44.64	0.00	124.20	187.11	0.00	173.17	119.95	0.00
ENSMUSG00000044628	Rnf208	19.62	0.00	0.00	37.97	0.00	130.05	34.81	26.48	50.11	0.00	76.37	39.43	146.06	39.15	288.77	65.04	336.25	74.04	66.24	141.22	43.53	361.34	152.29	156.56	111.87
ENSMUSG00000044664	Prss42	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044667	Plppr4	622.38	444.93	248.17	431.44	257.19	568.13	575.41	435.77	1219.05	1055.13	543.77	401.98	920.41	722.99	1188.11	891.66	940.24	667.46	646.75	1014.03	623.94	511.97	675.29	569.43	1252.92
ENSMUSG00000044676	Zfp612	280.35	279.42	178.12	248.51	220.36	207.55	20.60	289.08	440.53	314.74	181.77	254.33	396.45	109.62	474.10	634.34	684.94	447.51	911.71	541.89	427.67	175.17	107.04	377.52	412.79
ENSMUSG00000044678	Ly6k	107.47	179.48	0.00	0.00	0.00	45.32	46.89	12.16	0.00	0.00	62.63	0.00	2.32	0.00	0.00	0.00	73.68	67.51	75.88	84.22	169.54	0.00	0.00	46.72	67.12
ENSMUSG00000044694	2010007H06I	544.81	664.17	289.91	371.38	685.03	386.85	605.25	310.55	223.76	479.69	192.46	257.42	245.75	159.21	410.88	250.72	435.87	258.05	275.80	549.55	617.07	396.88	471.66	320.70	705.88
ENSMUSG00000044703	Phf11a	0.00	0.00	0.75	0.00	0.61	0.00	0.00	0.00	0.00	0.95	25.97	0.00	0.00	0.00	1.44	0.00	55.00	0.00	0.00	58.70	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044707	Ccnjl	278.48	193.45	208.67	527.39	363.39	516.24	360.88	314.84	438.20	334.65	187.88	370.29	37.09	281.89	872.05	616.43	345.59	106.71	305.91	201.62	307.77	160.78	362.01	561.85	251.70
ENSMUSG00000044770	Scml4	99.06	0.00	0.00	141.51	58.31	220.68	125.74	40.07	68.76	0.00	0.00	73.44	125.19	33.93	0.00	49.96	111.04	162.24	132.48	58.70	61.10	253.87	92.24	55.55	53.70
ENSMUSG00000044816	D630023F18I	453.23	231.06	277.98	126.32	465.90	189.81	396.40	236.85	399.74	266.39	0.00	109.00	338.49	133.11	422.38	267.69	25.94	129.57	363.72	57.00	39.71	195.48	214.07	323.22	127.53
ENSMUSG00000044819	Oxgr1	27.10	0.00	0.00	0.00	0.00	15.11	0.00	0.00	0.00	0.00	139.76	58.75	224.89	140.94	237.05	295.96	115.20	99.08	103.58	90.17	91.64	120.17	64.40	1.26	93.97
ENSMUSG00000044827	Tlr1	124.29	0.00	0.00	0.00	0.00	0.00	61.09	0.00	0.00	0.00	246.68	206.40	241.11	268.84	416.63	129.13	275.02	581.44	236.06	363.25	116.85	337.65	128.79	249.99	308.75
ENSMUSG00000044854	1700056E22I	75.69	0.00	161.72	73.86	109.88	169.45	53.99	120.93	0.00	0.00	64.92	126.01	57.96	198.36	522.94	81.06	113.12	70.77	36.13	111.44	91.64	22.00	100.08	90.91	49.22
ENSMUSG00000044866	4930503L19I	264.48	84.90	54.40	107.00	117.86	98.52	115.08	105.90	461.51	509.08	22.15	193.26	85.78	78.30	458.29	225.27	86.14	236.28	132.71	0.00	491.66	184.49	190.65	124.17	
ENSMUSG00000044916	1700029I15R	35.51	74.15	146.82	186.38	86.55	65.02	103.01	138.82	213.27	118.50	29.79	144.56	44.05	258.40	137.92	65.98	21.79	58.80	105.99	125.05	77.13	154.86	0.00	87.12	81.66
ENSMUSG00000044927	H1fx	343.89	275.12	637.19	670.97	568.41	610.17	1145.14	672.62	564.07	593.45	129.83	234.23	139.10	159.21	110.62	87.66	228.31	218.86	192.70	117.40	112.26	401.12	415.97	309.34	191.29
ENSMUSG00000044937	Ttc41	142.98	433.11	29.81	90.43	255.35	185.87	94.48	328.44	164.33	314.74	258.90	322.36	352.40	276.67	637.87	368.54	422.38	282.01	393.83	438.96	245.15	187.86	305.45	229.79	166.68
ENSMUSG00000044991	1110034G24	197.18	0.00	196.75	198.81	281.75	235.79	237.98	129.51	189.97	121.35	100.05	44.06	46.37	54.81	323.25	209.25	66.42	199.26	191.50	153.13	197.80	206.48	40.90	111.11	148.78
ENSMUSG00000045007	Tubg2	65.41	0.00	32.79	110.45	133.81	28.90	88.09	84.44	0.00	41.71	28.26	54.11	67.23	36.54	426.69	41.47	157.74	258.05	357.70	378.56	129.07	0.00	96.59	97.22	71.60
ENSMUSG00000045027	Prss22	16.82	75.23	0.00	0.00	35.60	47.95	39.07	0.00	0.00	346.97	291.74	74.98	62.60	315.82	0.00	143.27	163.97	194.90	185.47	134.41	526.95	238.64	187.97	190.65	222.62
ENSMUSG00000045031	Cetn4	157.00	493.29	0.00	44.87	63.84	130.70	80.27	0.00	73.42	58.78	77.14	124.46	113.60	80.91	0.00	66.92	150.48	77.31	149.34	256.06	161.90	43.16	181.01	127.52	233.80
ENSMUSG00000045038	Prkce	676.58	888.78	1121.61	791.77	940.39	738.90	756.56	851.51	707.42	1033.33	634.66	476.19	600.47	600.31	808.83	506.15	527.20	554.22	261.35	503.61	303.19	569.52	743.17	607.31	443.00
ENSMUSG00000045045	Lrfn4	1254.10	2292.34	2501.83	1903.16	2458.39	3086.30	2463.62	2830.72	2346.02	2336.84	1439.63	1720.01	1205.57	879.59	587.59	695.60	929.86	1199.90	1062.26	1309.22	1296.00	1789.79	1268.78	984.82	1655.64
ENSMUSG00000045062	Pcdhb7	44.86	0.00	79.00	0.00	0.00	52.54	56.83	62.25	339.14	57.83	0.00	0.00	81.14	0.00	0.00	0.00	18.68	45.73	28.91	20.42	46.59	41.47	84.41	0.00	0.00
ENSMUSG00000045083	Lingo2	12.15	64.48	203.46	342.39	213.61	416.41	85.96	269.05	157.33	310.00	144.34	37.88	81.14	10.44	392.21	88.60	55.00	146.99	183.07	127.60	76.37	158.25	9.57	51.77	64.88
ENSMUSG00000045087	S1pr5	123.35	0.00	23.85	0.00	0.00	0.00	0.00	0.00	75.06	63.52	41.24	56.43	16.23	15.66	196.82	0.00	194.07	27.22	104.78	188.86	80.95	203.10	0.00	50.50	0.00
ENSMUSG00000045095	Magi1	4460.36	3398.21	2621.07	3055.96	2986.89	2865.61	2015.37	2660.42	3115.21	2475.25	5828.01	6666.70	6674.70	8360.03	6279.60	7158.69	6451.97	5761.04	5958.05	5891.09	4298.11	3665.05	4204.91	4850.89	4273.34
ENSMUSG00000045106	Ccdc73	210.26	132.19	265.31	18.64	0.00	0.00	63.93	57.96	72.26	0.00	163.44	46.38	183.15	185.31	0.00	3.77	129.72	0.00	136.09	47.64	19.86	59.24	99.21	47.98	5.59
ENSMUSG00000045107	Saysd1	382.21	386.89	260.84	219.52	125.22	79.47	175.47	95.17	125.87	251.22	261.96	51.79	296.76	133.11	178.14	215.84	216.90	256.97	269.78	77.41	226.06	200.56	176.66	272.72	248.35
ENSMUSG00000045201	Lrrc3b	47.66	556.70	144.58	59.37	248.60	288.33	208.85	170.30	287.86	291.99	0.00	207.95	102.01	28.71	336.18	115.93	113.12	55.53	157.77	54.44	0.00	106.63	86.15	78.28	202.48
ENSMUSG00000045215	Asxl3	1198.03	358.95	1065.72	1304.67	1783.79	1205.88	881.59	1449.71	1618.79	1516.81	1150.18	1376.78	1690.12	1145.82	445.36	911.45	1377.15	1621.28	765.98	1234.36	1199.01	935.09	1026.86	930.53	1143.29
ENSMUSG00000045246	Kcng4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.97	82.72	4.64	107.01	0.00	81.06	106.89	90.37	0.00	92.73	147.39	0.00	0.00	0.00	0.00
ENSMUSG00000045248	Med26	894.31	257.93	520.93	830.43	629.18	629.87	885.85	603.21	374.10	359.30	1397.62	1287.88	906.50	1500.79	2175.09	923.70	848.92	1361.05	1264.60	1186.72	762.94	1312.51	871.96	756.29	771.89
ENSMUSG00000045251	Zfp688	443.89	737.25	83.47	191.21	148.55	113.63	149.18	225.40	254.06	291.99	83.25	122.91	185.47	75.69	251.41	296.90	230.39	273.30	561.24	347.94	190.93	474.74	186.23	185.60	370.28
ENSMUSG00000045257	Mom2	101.86	337.46	46.95	154.63	119.08	151.72	233.01	119.50	235.42	346.97	118.38	194.03	129.83	112.23	351.98	240.35	110.01	172.04	127.66	280.73	74.08	287.72	89.63	313.12	222.62
ENSMUSG00000045268	Zfp691	97.19	0.00	165.45	173.96	79.80	96.55	120.77	163.15	275.04	273.03	137.47	210.27	148.38	96.57	448.24	308.21	159.82	377.83	344.45	234.79	212.31	297.88	175.78	310.60	234.92
ENSMUSG00000045275	Lca5l	105.66	63.41	49.93	49.01	41.13	0.00	0.00	37.21	0.00	0.00	91.65	26.28	2.32	172.26	0.00	44.30	134.91	70.77	110.80	47.64	33.60	45.70	132.27	136.36	0.00
ENSMUSG00000045284	Dcaf12l1	650.41	716.83	497.09	792.46	576.39	411.81	493.01	535.23	691.10	390.58	425.40	767.63	600.47	378.46	1183.80	245.06	338.32	268.94	60.22	305.40	584.23	316.49	370.07	600.99	416.15
ENSMUSG00000045291	E330021D16	574.72	73.08	0.00	0.00	0.00	19.70	0.00	16.46	0.00	0.00	502.53	519.48	496.14	435.88	1357.64	739.90	847.88	541.15	605.80	729.90	410.87	289.41	256.72	319.44	524.66
ENSMUSG00000045319	Proser2	344.83	558.85	871.95	998.86	861.20	857.12	795.63	1039.70	1492.92	1163.21	321.53	188.62	359.35	266.23	402.26	187.57	415.12	419.20	590.14	300.30	1195.19	422.27	716.19	611.10	770.77
ENSMUSG00000045326	Fndc7	721.43	421.28	111.79	106.31	189.06	53.86	33.39	61.54	0.00	0.00	1358.67	1238.41	980.69	1080.57	3278.44	2204.63	2264.47	2116.70	2791.75	2810.71	2497.30	2164.67	1907.53	2395.14	2725.09
ENSMUSG00000045348	Nyap1	225.21	196.67	66.33	0.00	0.00	307.38	94.48	106.62	144.51	180.12	245.92	147.65	312.99	80.91	109.19	164.00	132.84	190.55	165.00	90.17	148.92	77.85	104.43	210.85	53.70
ENSMUSG00000045349	Sh2d5	115.88	625.48	54.40	110.45	85.32	0.00	111.53	102.32	0.00	70.15	138.23	112.86	74.19	10.44	0.00	146.10	72.65	112.15	98.76	56.15	19.86	88.85	54.82	0.00	66.00
ENSMUSG00000045378	Pxt1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000045463	Slco6b1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.26	0.00	0.00	80.91	0.00	0.00	0.00	0.00	48.18	25.52	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000045466	Zfp956	1618.55	1725.97	1339.23	1201.81	2232.50	1934.93	1495.36	1717.32	1360.06	1173.64	1164.69	650.90	776.67	561.16	1067.43	928.41	573.90	1310.96	850.29	780.94	1022.59	1120.42	269.77	739.88	882.64
ENSMUSG00000045467	Ttll13	71.02	21.49	37.26	31.75	24.55	12.48	0.00	0.00	0.00	55.93	55.75	80.40	34.78	187.92	169.52	81.06	65.38	0.00	168.61	159.93	12.98	0.00	110.52	247.47	0.00
ENSMUSG00000045471	Hcrt	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.13	13.91	4.64	2.61	524.38	69.75	35.29	6.53	0.00	5.95	0.00	0.00	0.00	11.36	0.00
ENSMUSG00000045498	Pcdhb3	49.53	0.00	25.34	0.00	76.11	76.85	39.07	57.96	0.00	66.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.35	0.00	17.01	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000045502	Hcar2	5.61	0.00	0.00	77.31	0.00	206.89	90.93	195.35	0.00	54.04	140.53	33.24	23.18	174.87	0.00	82.94	133.88	78.40	109.60	314.76	760.65	535.67	438.59	361.10	334.48
ENSMUSG00000045515	Pou3f3	168.21	75.23	14.16	39.35	0.00	0.00	92.35	0.00	0.00	0.00	568.98	1135.60	843.90	937.01	734.13	898.25	443.14	581.44	975.55	541.89	329.92	370.65	473.40	414.13	253.94
ENSMUSG00000045521	Tssk2	0.00	0.00	0.00	36.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.81	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000045538	Ddx28	204.65	954.34	578.32	215.37	480.01	356.64	234.43	324.86	200.45	141.25	78.66	397.34	81.14	169.65	0.00	227.16	201.33	315.76	272.19	281.58	36.66	294.49	279.34	191.91	383.71
ENSMUSG00000045545	Krt14	7338.61	10180.67	17861.58	15983.19	16965.01	41031.51	37140.43	35982.24	55971.21	51438.99	3973.68	3713.68	5330.02	4024.72	5173.38	3143.41	4796.68	6683.28	6457.87	6184.58	12015.30	17388.46	20389.30	14067.82	25876.09
ENSMUSG00000045569	Mc2r	0.00	0.00	0.00	11.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000045608	Dbx2	0.00	60.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	177.19	110.54	190.11	60.03	613.45	254.49	56.04	137.19	2.41	59.55	132.88	251.33	115.74	82.07	96.21
ENSMUSG00000045625	Pigz	746.66	0.00	40.24	88.36	19.64	22.33	60.38	135.24	0.00	0.00	2168.99	2372.46	2102.80	1727.86	4578.61	1999.15	2420.14	1785.69	1372.99	2129.30	1891.69	1614.62	1227.01	1409.05	1497.91
ENSMUSG00000045662	Hennt1	146.72	0.00	380.83	231.94	347.43	164.20	172.62	186.04	165.49	576.39	311.60	251.24	229.52	334.09	827.51	125.36	166.05	359.32	474.52	410.04	351.30	122.70	79.19

ENSMUSG00000046814	Gchfr	42.99	0.00	0.00	46.25	46.65	0.00	0.00	6.44	0.00	0.00	140.53	86.58	71.87	161.82	321.81	107.45	169.16	80.57	95.15	71.46	61.10	31.31	215.82	0.00	140.95
ENSMUSG00000046826	Fam187b	221.48	196.67	101.35	31.06	126.45	38.09	203.88	9.30	290.19	229.42	84.77	161.57	90.42	41.76	24.42	334.61	179.54	251.52	156.57	199.06	149.69	103.24	248.88	137.62	104.04
ENSMUSG00000046828	Mettl21e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.94	0.00	67.23	2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000046854	Pip5kl1	19.62	0.00	0.00	0.00	0.00	49.26	0.00	0.00	0.00	62.57	0.00	46.38	37.09	18.27	0.00	0.00	74.72	56.62	55.40	67.21	0.00	88.01	0.00	3.79	0.00
ENSMUSG00000046908	Litb4r1	57.94	192.37	143.09	28.99	197.65	206.23	69.62	80.14	0.00	58.78	71.79	17.78	0.00	2.61	0.00	65.98	33.21	0.00	0.00	16.16	61.10	112.55	257.59	88.38	69.36
ENSMUSG00000046934	Csl	0.00	0.00	1.49	0.69	2.46	0.66	1.42	2.15	0.00	0.00	2.29	0.77	4.64	5.22	2.87	0.94	0.00	23.95	2.41	0.00	2.29	0.85	0.87	1.26	0.00
ENSMUSG00000046957	Spz1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.40	0.00	2.32	0.00	0.00	0.00	21.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000046959	Slc26a1	164.47	0.00	0.00	27.61	45.42	0.00	0.00	30.77	0.00	65.41	150.45	112.86	217.93	65.25	0.00	240.35	111.04	92.55	273.39	88.47	125.25	74.47	135.75	121.21	40.27
ENSMUSG00000046971	Pla2g4f	290.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	762.20	749.08	932.00	529.84	505.70	1320.52	707.78	818.81	1777.66	622.71	697.26	497.59	556.07	455.80	173.39
ENSMUSG00000046997	Spsb4	99.06	219.24	63.35	147.03	90.23	44.66	31.97	133.81	99.06	254.07	392.56	280.61	456.73	148.77	754.24	287.48	277.09	213.41	358.90	216.08	232.93	222.56	275.86	39.14	203.60
ENSMUSG00000046999	1110032F04I	659.76	514.78	544.04	742.76	340.68	233.82	580.39	339.17	242.41	601.04	337.57	398.89	512.37	563.77	1198.17	343.09	268.79	462.76	392.63	528.28	323.05	155.71	482.97	410.34	275.19
ENSMUSG00000047003	Zfp41	287.83	391.19	519.44	588.83	723.70	636.44	971.10	935.23	363.62	906.30	504.82	546.54	544.83	803.50	412.32	252.60	604.00	997.38	823.79	702.68	355.88	525.51	731.86	527.76	428.45
ENSMUSG00000047022	Mipol1	194.38	450.30	333.88	334.10	152.23	205.58	282.02	163.86	207.45	295.78	181.00	238.87	271.25	114.84	544.49	451.48	410.97	341.89	301.09	319.86	610.20	98.16	163.60	398.98	343.43
ENSMUSG00000047104	Pbp2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.40	0.00	0.00	29.77	0.00	0.00	0.00	27.78	0.00
ENSMUSG00000047108	Dnajb7	35.51	93.50	0.00	0.00	0.00	0.00	0.00	51.52	0.00	0.00	64.92	0.00	4.64	0.00	0.00	0.00	0.00	0.00	0.00	28.92	0.00	0.00	0.00	46.72	0.00
ENSMUSG00000047115	Fam221a	324.27	765.19	588.01	263.00	309.37	507.05	534.92	311.98	782.01	498.65	265.78	415.12	255.03	548.11	877.79	309.16	338.32	745.85	470.91	589.53	367.34	603.37	758.83	285.35	675.68
ENSMUSG00000047129	1700113H08I	0.00	0.00	0.00	0.00	0.00	24.15	0.00	0.00	0.00	0.00	0.00	20.87	0.00	10.44	136.48	48.07	61.23	72.95	0.00	21.27	0.00	0.00	0.00	32.83	0.00
ENSMUSG00000047141	Zfp654	1015.80	613.66	953.18	613.68	1488.54	1209.17	691.92	1080.48	1306.45	1129.08	876.76	918.37	1112.84	1098.84	1231.21	960.46	776.27	889.58	584.12	849.85	868.33	1474.99	863.26	1454.51	769.65
ENSMUSG00000047143	Dmrta2	78.50	0.00	44.72	12.43	100.05	55.17	0.71	45.08	0.00	0.00	40.48	17.78	62.60	13.05	0.00	143.27	0.00	0.00	69.85	14.46	0.00	66.85	39.16	47.98	31.32
ENSMUSG00000047150	1700001C19I	0.00	0.00	0.00	0.00	20.87	13.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.53	0.00	0.00	0.00	0.00
ENSMUSG00000047155	Cyp4x1	0.00	0.00	0.00	0.69	0.00	0.00	0.00	35.78	0.00	0.00	119.91	139.92	0.00	0.00	0.00	69.75	0.00	20.69	158.98	34.88	129.83	0.00	0.00	167.92	0.00
ENSMUSG00000047182	Irs3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.88	0.00	0.00	74.08	0.00	25.50	36.54	0.00	28.28	0.00	0.00	0.00	59.55	0.00	0.00	114.87	21.46	0.00
ENSMUSG00000047193	Dync2h1	1647.52	1259.55	1843.77	1582.17	1705.22	1337.00	1530.88	1682.26	1917.14	1663.76	814.13	1578.55	1687.80	832.61	1379.19	1486.41	1433.19	1392.62	1058.65	1485.32	1169.99	1092.49	1771.77	1652.74	1142.17
ENSMUSG00000047216	Cdh19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.01	0.00	0.00	76.51	7.83	0.00	91.43	78.87	10.89	55.40	36.58	0.00	0.00	121.83	53.03	0.00
ENSMUSG00000047227	Gm527	19.62	0.00	190.79	86.29	157.14	239.73	243.66	34.35	272.71	81.53	117.61	89.67	57.96	112.23	0.00	148.92	96.51	0.00	45.77	43.39	48.11	0.00	263.68	54.29	0.00
ENSMUSG00000047228	A2mf1	103.73	214.94	0.00	31.06	36.22	11.82	28.42	0.00	0.00	217.09	345.97	270.56	169.24	245.35	719.76	307.27	598.81	173.13	473.32	597.19	1053.91	935.09	600.45	757.56	1110.85
ENSMUSG00000047237	Fbxw21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.49	0.00	0.00	48.78	0.00	0.00	17.86	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000047238	Mageh1	278.48	426.66	469.51	464.57	390.40	351.39	556.23	360.64	640.99	559.33	265.01	178.57	143.74	86.13	176.71	228.10	211.71	300.52	91.53	160.78	284.86	309.72	112.26	214.64	334.48
ENSMUSG00000047257	Prss45	19.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	12.25	16.60	18.51	0.00	0.00	28.26	0.00	0.00	0.00	0.00
ENSMUSG00000047342	Zfp286	163.54	0.00	13.41	73.17	15.96	89.98	0.00	65.83	144.51	0.00	0.00	59.52	13.91	28.71	0.00	33.93	99.63	0.00	12.04	0.00	0.00	0.00	88.76	0.00	0.00
ENSMUSG00000047415	Gpr68	939.17	1406.79	918.16	1495.88	821.92	1322.14	1300.01	1252.93	830.96	880.70	845.45	640.08	619.02	629.02	216.93	1442.11	938.17	442.07	540.77	958.74	958.44	749.77	1032.95	1223.45	2055.01
ENSMUSG00000047419	Cmya5	201.85	47.29	131.91	311.33	170.64	413.13	276.34	49.37	793.66	273.97	462.06	284.48	278.21	368.02	0.00	316.70	238.69	207.97	466.09	342.83	553.68	282.64	224.52	320.70	387.06
ENSMUSG00000047428	Dlk2	181.29	386.89	285.43	165.67	176.78	170.77	516.45	324.15	327.49	258.81	574.32	361.78	194.75	386.29	633.56	587.21	327.94	414.85	254.12	233.09	316.17	291.11	250.62	410.34	232.68
ENSMUSG00000047434	Xxylt1	837.31	1560.47	830.22	810.41	891.89	892.59	840.39	968.14	616.52	745.14	934.80	834.88	285.16	375.85	198.26	574.96	364.27	385.45	999.63	596.34	757.59	528.90	578.70	632.56	374.76
ENSMUSG00000047466	8030462N17I	0.00	0.00	520.93	452.84	675.21	607.54	466.01	603.93	0.00	0.00	486.50	639.30	591.19	550.72	0.00	0.00	56.04	120.86	0.00	0.00	814.10	309.72	198.41	64.39	0.00
ENSMUSG00000047473	Zfp30	256.99	65.56	178.12	164.29	208.09	41.38	310.44	249.78	223.76	201.93	138.23	34.01	99.69	247.96	0.00	28.28	122.46	101.26	0.00	115.69	103.10	60.08	0.00	354.79	176.75
ENSMUSG00000047501	Cldn4	3233.36	1750.69	804.88	1173.51	414.33	782.90	517.87	1445.41	850.77	601.04	8086.36	5164.68	5860.94	5029.59	12829.30	9303.00	8751.72	7461.80	10255.27	10763.04	9197.24	8249.11	8301.92	7038.96	6660.60
ENSMUSG00000047507	Baiap3	267.27	0.00	174.39	159.46	123.38	243.02	30.55	113.77	32.63	0.00	507.88	212.59	141.42	480.25	843.31	393.04	445.21	234.10	136.09	370.90	444.47	71.93	175.78	44.19	77.19
ENSMUSG00000047518	Slfn11	16.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.37	0.00	83.46	33.93	0.00	91.43	79.91	72.95	0.00	0.00	0.00	74.47	0.00	0.00	0.00
ENSMUSG00000047528	Als2cr12	0.00	0.00	147.56	0.00	0.00	0.00	0.00	6.44	0.00	61.62	133.65	99.72	9.27	91.35	597.65	156.46	190.95	155.70	156.57	140.37	29.02	148.94	139.24	60.60	20.14
ENSMUSG00000047534	Mis18bp1	618.64	890.93	678.93	767.61	1001.16	620.02	924.21	967.43	307.68	556.48	423.87	924.56	595.83	537.67	1040.14	551.39	392.29	461.67	362.52	330.07	192.45	816.62	1015.55	324.49	164.45
ENSMUSG00000047583	Tyw3	128.03	177.33	75.27	69.03	139.34	32.84	215.96	83.72	51.28	52.14	7.64	20.10	37.09	107.01	0.00	75.40	57.08	41.38	118.03	36.58	112.26	140.48	49.60	61.87	0.00
ENSMUSG00000047619	Ddi1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.37	0.00	0.00	47.13	0.00	0.00	0.00	0.00	0.00	38.08	0.00	0.00	0.00
ENSMUSG00000047643	Gm5454	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61	0.00	49.01	1.04	1.09	0.00	0.00	0.00	0.00	0.87	0.00	1.12
ENSMUSG00000047654	Tssk6	0.00	0.00	39.50	21.40	45.42	25.62	63.93	3.58	0.00	0.00	0.00	45.61	2.32	49.59	0.00	0.00	34.25	11.98	0.00	21.27	0.00	0.00	0.00	0.00	44.75
ENSMUSG00000047661	1600012P17I	274.74	109.62	56.64	0.00	30.08	0.00	0.00	0.00	0.00	0.00	849.27	1024.28	1446.69	1281.54	2028.55	944.44	379.83	554.22	946.64	726.50	766.76	414.66	701.40	224.74	107.39
ENSMUSG00000047669	Mis12	210.26	497.19	244.44	291.31	346.20	250.24	412.02	340.60	168.99	506.24	369.64	331.63	153.02	190.53	321.81	153.64	145.29	253.70	162.79	91.88	367.34	53.31	335.91	425.40	120.82
ENSMUSG00000047686	Rtl3	0.00	0.00	0.00	0.00	12.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	104.33	62.64	0.00	0.00	71.61	0.00	0.00	0.00	0.00	65.16	0.00	0.00	0.00
ENSMUSG00000047719	Ubiad1	405.57	167.65	178.12	401.75	304.46	302.13	272.79	378.53	379.93	471.16	226.06	443.72	363.99	310.60	0.00	379.85	285.39	374.56	568.47	358.99	215.36	286.03	223.65	222.22	676.80
ENSMUSG00000047747	Rnf150	1146.63	2190.25	2547.29	3711.05	3495.76	3816.00	3677.67	3596.36	5711.80	2978.65	1081.44	933.06	964.46	1250.22	77.58	983.08	825.05	703.39	614.23	734.15	1149.37	1430.99	1408.89	1530.26	2324.61
ENSMUSG00000047759	Hs3st3a1	288.76	580.34	128.93	242.30	465.90	459.76	497.98	229.69	686.44	435.14	198.57	164.66	255.03	104.40	235.61	234.70	117.27	299.43	158.98	265.42	318.46	31.31	108.78	265.14	209.19
ENSMUSG00000047767	Atg16l2	653.21	990.88	254.13	533.60	538.33	520.84	402.08	499.46	213.27	434.19	474.28	282.16	373.26	443.71	1873.39	579.67	619.56	572.73	521.50	353.89	481.90	305.49	460.35	479.79	604.08
ENSMUSG00000047786	Lix1	41.12	0.00	70.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.03	255.88	308.35	263.62	0.00	68.81	195.11	72.95	209.56	58.70	85.53	51.62	136.62	55.55	0.00
ENSMUSG00000047822	Angptl8	26.17	0.00	77.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.25	66.48	0.00	0.00	48.85	59.38	49.81	35.93	249.31	46.79	84.77	166.71	193.19	21.46	0.00
ENSMUSG00000047841	Fndc11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.28	58.75	2.32	54.81	195.38	0.00	117.27	5.44	142.12	74.86	0.00	0.00	0.00	26.51	0.00
ENSMUSG00000047842	Diras2	970.94	1924.79	1117.14	1341.94	1005.45	1652.50	1563.56	1560.62	962.65	1428.65	439.91	340.14	419.63	459.37	534.43	997.22	1434.23	592.33	715.40	624.41	938.59	1335.36	1269.65	2855.99	1231.66
ENSMUSG00000047854	Stx19	85.04	276.20	0.00	55.91	31.31	0.00	0.00	16.46	0.00	38.87	0.00	0.00	44.05	36.54	0.00	65.04	134.91	68.60	122.85	135.26	179.47	226.79	239.31	56.82	173.39
ENSMUSG00000047878	A4galt	260.72	0.00	0.00	21.40	0.00	31.53	15.63	25.76	0.00	71.10	327.64	757.58	572.65	349.75	1206.79	711.63	511.63	628.26	959.89	951.08	417.74	230.18	181.88	388.88	498.93
ENSMUSG00000047880	Cxcr5	192.51	0.00	0.00	97.33	14.12	89.98	0.00	12.16	0.00	0.00	767.55	711.20	820.72	516.79	587.59	702.20	432.72	599.95	574.49	810.72	766.76	561.90	291.52	602.26	363.57
ENSMUSG00000047894	Ang2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.47	42.52	11.59	0.00	367.78	131.96	322.75	66.42	163.80	267.97	128.30	0.00	194.06	127.52	52.58
ENSMUSG00000047910	Pcdhb16	38.31	0.00	0.00	111.83	36.22	53.20	75.30	46.51	353.13	288.19	19.86	0.00	113.60	10.44	0.00	0.00	53.97	18.51	0.00	62.10	29.02	0.00	0.00	12.63	0.00
ENSMUSG00000047959	Kcna3	185.96	49.44	117.01	0.00	29.46	22.99	87.38	10.73	0.00	0.00	263.49	129.10	134.47	39.15	0.00	135.73	117.27	219.95	0.00	70.61	120.66	49.08	0.00	7.58	35.80
ENSMUSG00000047976	Kcna1	159.80	125.74	0.00	30.37	28.24	9.85	45.46	65.12	0.00	97.64	179.48	213.36	76.51	140.94	0.00	138.56	68.49	107.79	72.26	190.56	0.00	17.77	0.00	0.00	52.58
ENSMUSG00000047980	9230110F15I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000047990	C2cd4a	66.35	0.00	145.33	33.13	102.51	90.64	78.14	138.82	26.81	33.18	0.00	36.33	2.32	0.00	132.17	1.89	24.91	45.73	55.40	96.98	0.00	23.69	109.65	95.96	13.42
ENSMUSG00000047996	Prrg1	256.99	500.81	1079.13	595.04	788.77	505.08	523.55	554.55	155.00	354.56	222.25	263.61	639.88	321.04	211.19	164.00	181.61	241.72	213.17	107.19	224.53	407.04	156.64	151.51	327.77
ENSMUSG00000048001	Hes5	0.00	0.00	0.00	0.00	0.00	22.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.92	0.00	0.00	0.00	0.00	19.02
ENSMUSG00000048015	Neurod4	51.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	132.19	88.10	193.14	494.21	156.46	62.27	9.80	165.00	154.83	0.00	0.00	0.00	0.00	46.98
ENSMUSG00000048022	Tmem229a	386.88	325.64	252.64	704.80	355.41	554.99	269.24	233.99	123.54	277.77	1184.54	1129.41	1388.73	1104.06	1792.94	1109.38	1011.85	711.01	712.99	1069.33	861.45	399.42	168.82	499.99	591.78
ENSMUSG00000048077	H1fnt	0.00	0.00	31.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144.56	67.23	2.61	0.00	53.73	14.53	65.33	0.00	98.68	96.99	0.00	0.00	69.44	0.00
ENSMUSG00000048078	Tpm4	2429.69	1770.04	3493.02	4065.86	3155.08	3807.46	3341.34	3616.98	2323.50	1872.46	543.77	552.72	442.82	200.97	0.00	1392.15	1300.36	446.42	899.67	1031.05	790.76	1563.00	1195.68	1900.20	1553.84
ENSMUSG00000048096	Lmod1	199.98	257.93	157.99	318.23	115.40	476.18	423.39	474.41	978.97	1086.42	175.66	60.30	69.55	5.22	34.48	74.46	261.52	179.66	181.86	156.53	164.20	71.08	216.69	202.02	543.68
ENSMUSG00000048108	Tmem72	8.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.13	162.34	44.05	36.54	0.00	119.70	98.59	290.72	155.36	29.77	58.80	0.00	206.24	36.62	60.41
ENSMUSG00000048138	Dmrt2	3198.78	5867.88	3595.12	3586.80	5520.17	4583.80	3077.39	4177.39	5312.06	3951.30	3564.32	3391.33	2972.20	3612.33	3476.70	3285.74	3122.72	3016.08	2630.36	2779.23	3196.85	3170.85	3448.69	3733.49	4010.45
ENSMUSG00000048174	Tmem81	157.00	241.81	89.43	78.00	344.36	231.19	50.44	190.34	207.45	173.49	0.00	76.53	6.96	177.48	0.00	184.74	76.80	74.04	128.87	128.46	184.82	174.32	0.00	93.43	51.46
ENSMUSG00000048186	Bend7	256.05	298.77	244.44	119.42	342.52	188.50	51.86	442.21	496.48	511.93	65.68	224.95	171.56	140.94	247.10	234.70	177.46	207.97	568.47	371.76	452.11	385.04	240.18	376.25	626.46
ENSMUSG00000048200	Cracr2b	358.85	603.98	292.89	250.58	426.61	336.94	603.12	383.54	314.67	1022.90	196.28	147.65	222.57	313.21	38.79	187.57	215.86	278.74	126.46	165.89	300.90	319.03	711.84	579.53	368.04
ENSMUSG00000048218	Amigo2	160.73	0.00	55.89	118.73	251.06	320.52	40.49	218.24	82.75	215.20	375.75	257.42	204.02	388.90	0.00	232.81	220.01	238.46	91.53	252.66	176.41	164.17	362.01	75.76	459.78
ENSMUSG00000048240	Gng7	82.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	291.74	395.80	201.70	203.58	601.96	409.07	226.24	299.43	211.97	369.20	249.73	335.96	259.33	70.71	95.09
ENSMUSG00000048251	Rlt1	1883.01	724.35	1395.12	1436.51	1169.96	1818.67	2086.41	1391.03	2061.66	1960.48	1183.78	1273.97	1465.23	1579.09	1629.16	1183.85	946.47	863.45	706.97	968.09	1255.52	1945.50	1849.22	1301.73	615.27
ENSMUSG00000048281	Dleu7	646.67	576.04	465.79	483.90	494.75	227.91	468.86	197.49	165.49	143.15	1276.19	1196.67	1328.45	1229.34	1103.35	1581.60	1097.99	986.49	1006.86	1099.95	1103.55	724.38	878.92	613.62	467.61
ENSMUSG00000048330	Ric3	413.98	52.66	25.34	75.24	170.64	41.38	99.45	85.87	65.26	0.00	557.52	610.70	500.78	430.66	1264.25	815.31	958.92	799.21	640.73	609.95	200.85	355.42	616.12	263.88	382.59
ENSMUSG00000048385	Scrt1	30.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.70	0.00	0.00	0.00	19.57	0.00	0.00	0.00	26.51	0.00
ENSMUSG00000048388	Fam171b	449.49	1010.22	311.52	274.74	244.92	444.00	272.79	390.69	624.67	291.99	950.84	1309.53	927.36	1276.32	928.08	1517.51	636.17	804.65	823.79	945.98	659.07	367.27	782.33	411.61	710.36
ENSMUSG00000048400	Prss54	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.83	0.00	0.00	0.00	0.00	49.81	0.00	0.00	37.43	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000048402	Gil2	324.27	149.38	190.79	287.16	170.03	321.17	322.52	435.06	734.22	222.78	216.14	393.48	204.02	146.16	1162.25	275.23	239.73	174.21	103.58	317.31	196.27	382.50	200.15	79.54	119.70
ENSMUSG00000048439	Nupl2	248.58	31.17	193.77	181.55	376.89	122.82	181.86	154.56	275.04	207.61	322.29	482.38	361.67	516.79	593.34	161.18	259.45	456.22	427.55	334.32	157.32	249.64	234.96	362.36	227.09
ENSMUSG00000048440	Cyp4f16	1101.77	0.00	926.35	534.98	723.09	634.47	754.43	505.18	747.04	1224.83	1640.49	1467.23	1870.96	1524.28	2091.76	1575.95	1775.67	1529.82	1775.25	1789.02	1289.89	1687.39	1093.87	1132.55	1344.65
ENSMUSG00000048445	Ccdc57	223.34	1052.14	128.93	240.22	334.54	195.73	132.13	327.01	417.23	181.07	378.05	158.47	326.90	200.97	150.85	104.62	353.89	341.89	327.59	328.37	309.30	423.12	430.76	241.16	372.52
ENSMUSG00000048458	Fam212b	184.10	0.00	302.57	123.56	66.91	154.35	61.09	44.36	72.26	94.80	214.61	173.16	148.38	86.13	0.00	0.00	181.61	127.39	121.64	172.69	148.92	187.02	16.53	260.09	36.92
ENSMUSG00000048478	Spata33	56.07	654.49	32.05	0.00	0.00	0.00	0.00	28.62	3.50	0.00	0.00	27.83	13.91	13.05	0.00	0.00	144.25	65.33	0.00	159.08	0.00	0.00	50.47	63.13	0.00
ENSMUSG00000048481	Mypop	228.02	82.75	450.88

ENSMUSG00000049493	Pls1	1512.95	1115.54	1170.80	1388.19	1372.52	1506.70	1474.76	1223.59	841.44	788.74	2155.24	2162.97	1806.04	1787.89	2754.06	1876.62	2187.67	2330.11	1845.11	2316.45	2318.59	1656.93	2089.40	2184.29	2082.97
ENSMUSG00000049526	Tmem202	0.00	175.18	0.00	0.00	0.00	10.51	0.00	0.00	0.00	0.00	85.54	42.52	0.00	88.74	0.00	206.42	41.51	28.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000049532	Sall2	288.76	788.83	324.19	216.75	400.83	322.49	485.90	164.58	412.56	797.28	143.58	40.20	0.00	7.83	228.43	116.88	71.61	109.97	155.36	23.82	45.06	0.00	68.75	204.54	180.11
ENSMUSG00000049537	Tecrl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.46	0.00	26.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000049555	Tmie	1446.60	1327.26	882.38	969.18	721.25	520.84	755.14	627.54	296.02	705.32	1471.71	1535.26	1256.58	1203.24	1430.91	2122.63	1651.13	1161.79	2005.29	1561.88	767.52	754.84	1727.39	1311.83	796.50
ENSMUSG00000049556	Lingo1	500.89	771.64	1554.61	2141.31	1695.40	1602.59	1483.29	1826.80	1371.72	1094.95	1510.66	1508.97	1829.22	1179.75	1317.41	1728.64	1067.89	1044.20	1582.55	1481.07	950.04	650.76	585.66	1035.33	1659.00
ENSMUSG00000049565	Aknad1	7.48	0.00	105.83	97.33	150.39	0.00	0.00	2.15	0.00	0.00	139.76	0.00	85.78	7.83	224.12	0.00	36.32	70.77	292.66	209.27	26.73	92.24	0.00	18.94	0.00
ENSMUSG00000049580	Tsku	1089.62	779.16	1021.75	1319.85	1560.35	1494.87	1556.46	1275.83	1367.06	1497.85	280.29	435.22	449.77	261.01	277.27	365.71	417.19	492.15	949.05	702.68	539.17	1107.72	864.13	430.54	590.66
ENSMUSG00000049643	2310022A10I	536.40	372.92	462.80	683.40	755.62	516.24	323.94	290.51	758.70	575.44	298.62	497.06	359.35	535.06	211.19	246.95	496.07	469.29	761.17	396.43	282.57	84.62	284.56	405.29	422.86
ENSMUSG00000049653	Spatc1	34.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.06	16.23	10.44	0.00	0.00	0.00	0.00	0.00	0.00	28.26	0.00	0.00	0.00	0.00
ENSMUSG00000049670	Morn4	130.83	0.00	84.96	23.47	104.35	51.23	69.62	35.78	0.00	49.30	9.93	293.76	266.62	78.30	0.00	130.07	252.18	136.10	356.50	160.78	13.75	39.77	179.27	80.81	222.62
ENSMUSG00000049676	Catsperg1	309.32	84.90	0.00	16.52	19.64	74.88	30.55	109.48	0.00	246.48	392.56	306.90	512.37	433.27	524.38	359.11	619.56	432.27	165.00	315.61	284.10	83.78	109.65	374.99	370.28
ENSMUSG00000049690	Nckap5	504.63	105.32	537.33	601.25	859.97	346.13	415.58	581.03	322.83	180.12	423.87	439.86	162.29	475.03	476.97	225.27	401.63	279.83	486.57	381.96	400.94	528.90	500.38	363.63	526.90
ENSMUSG00000049694	BC048671	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.73	2.32	0.00	0.00	0.00	91.33	21.78	0.00	34.03	0.00	0.00	0.00	16.41	0.00
ENSMUSG00000049709	Nltp10	91.58	146.16	0.00	20.02	0.00	0.00	0.00	27.91	0.00	0.00	339.10	173.16	217.93	15.66	192.51	232.81	306.15	125.22	134.89	298.60	181.76	844.54	155.77	128.78	116.34
ENSMUSG00000049719	Prss46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.06	0.00	0.00	123.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000049728	Zfp668	315.86	749.07	368.16	418.32	663.55	285.71	483.77	338.46	155.00	477.80	132.89	299.94	248.07	357.58	93.38	343.09	232.47	213.41	387.81	320.71	583.47	181.94	610.03	459.58	314.35
ENSMUSG00000049739	Zfp646	1312.03	1206.89	1225.95	1544.89	1499.58	2026.88	1729.79	1809.63	3065.10	2023.05	1162.40	1253.87	1217.16	783.02	938.13	1225.32	1889.82	1366.49	1889.67	1948.95	1990.20	1350.59	992.05	1391.38	1554.96
ENSMUSG00000049792	Bag5	429.87	1542.20	1006.10	595.73	647.59	882.74	1033.61	830.76	847.27	761.25	633.89	418.21	695.52	563.77	640.75	646.59	667.30	505.22	750.33	973.20	802.65	639.75	847.60	645.19	912.84
ENSMUSG00000049811	Fam161a	165.41	306.29	0.00	22.09	195.81	86.04	70.33	106.62	79.25	117.55	308.55	294.53	387.17	321.04	285.89	338.38	575.98	461.67	382.99	650.78	164.96	356.27	372.45	411.61	99.56
ENSMUSG00000049881	2810025M15	405.57	382.59	593.97	479.07	414.95	410.50	737.38	521.64	1188.74	349.82	853.85	861.94	802.17	1135.38	1517.10	760.64	714.00	623.90	662.41	603.15	403.23	550.05	402.04	387.62	580.59
ENSMUSG00000049892	Rasd1	550.42	0.00	181.84	410.04	62.61	149.75	496.56	213.23	0.00	0.00	1820.73	1387.61	1745.76	3312.17	1360.51	1486.41	1210.07	1170.50	1152.59	1794.97	1567.11	1120.42	1374.95	897.70	611.92
ENSMUSG00000049902	4921517D22I	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000049916	2610318N02I	93.45	95.65	49.19	20.71	71.20	90.64	183.99	83.00	0.00	20.86	90.88	8.50	108.97	54.81	422.38	133.84	58.12	49.00	56.61	64.65	90.88	0.00	0.00	68.18	0.00
ENSMUSG00000049929	Lpar4	26.17	0.00	0.00	28.99	0.00	0.00	0.00	40.07	0.00	0.00	0.00	0.00	27.82	13.05	159.47	0.00	55.00	0.00	51.79	46.79	0.00	143.86	205.37	32.83	0.00
ENSMUSG00000049946	BC030500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.86	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000049999	Ppp1r3d	353.24	0.00	84.96	205.02	221.59	159.60	66.07	176.03	0.00	165.90	501.01	966.30	681.61	921.35	136.48	283.71	565.60	409.40	649.16	310.50	400.94	264.87	295.88	137.62	79.43
ENSMUSG00000050022	Amz1	76.63	54.81	22.36	46.94	66.91	0.00	122.90	52.95	0.00	117.55	186.35	52.57	99.69	193.14	0.00	46.19	25.94	6.53	0.00	148.87	28.26	90.55	182.75	64.39	220.38
ENSMUSG00000050035	Fhl4	21.49	0.00	34.28	0.00	28.85	0.00	0.00	43.65	0.00	0.00	0.00	32.47	37.09	127.89	0.00	34.87	0.00	0.00	0.00	0.00	0.00	50.77	111.39	0.00	0.00
ENSMUSG00000050058	Prm3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.39	0.00	0.00	0.00
ENSMUSG00000050075	Gpr171	175.69	199.89	46.21	44.18	0.00	120.19	0.00	2.15	0.00	63.52	71.03	22.42	197.06	172.26	267.22	250.72	196.14	67.51	0.00	66.35	0.00	181.09	0.00	59.34	117.46
ENSMUSG00000050087	Cby3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.60	0.00	0.00	0.00	34.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000050097	Ces2b	0.00	0.00	67.82	58.68	0.00	78.16	0.00	27.91	0.00	328.01	34.37	48.70	4.64	31.32	0.00	36.76	111.04	104.53	43.36	103.79	88.59	65.16	0.00	90.91	83.90
ENSMUSG00000050103	Agmo	128.96	0.00	0.00	0.00	0.00	115.60	0.00	22.18	88.57	0.00	0.00	0.00	0.00	49.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.55	0.00	16.41	107.39
ENSMUSG00000050107	Haspin	231.76	120.37	257.11	276.12	472.03	302.78	489.46	281.93	245.91	148.84	105.39	236.55	275.89	378.46	0.00	332.72	205.48	290.72	168.61	84.22	83.24	214.94	405.52	188.13	105.16
ENSMUSG00000050108	Bpifc	550.42	52.66	0.00	69.03	114.79	0.00	0.00	0.00	74.59	0.00	1582.45	1451.77	1458.28	1597.36	2109.00	1608.00	1008.74	1236.92	1498.45	1902.16	1196.72	1315.05	1821.37	928.01	901.65
ENSMUSG00000050114	Prdx6b	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.72	0.00	0.00	0.00	0.77	0.00	23.49	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	0.00	0.00	0.00
ENSMUSG00000050192	Eif5a2	292.50	116.07	379.34	562.59	399.60	358.61	296.94	420.74	150.34	387.74	418.52	1221.40	996.92	1143.21	856.24	891.66	448.33	412.67	593.76	558.91	420.80	387.58	211.46	268.93	491.10
ENSMUSG00000050232	Cxcr3	20.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	135.72	0.00	0.00	0.00	0.00	0.00	17.01	0.00	36.39	0.00	0.00	0.00
ENSMUSG00000050234	Gja4	2150.28	2638.40	1994.31	2195.84	1539.48	1562.52	1502.47	1611.42	778.51	1580.33	1896.34	2463.68	2501.56	1902.74	2733.95	2319.62	1466.40	2214.70	1637.95	1795.82	1583.91	801.39	1144.34	1126.23	1408.41
ENSMUSG00000050240	Hic2	213.07	199.89	172.90	241.60	115.40	301.47	148.47	104.47	228.43	178.23	116.85	64.94	81.14	198.36	1.44	305.39	90.29	59.89	231.24	159.93	73.32	233.56	88.76	256.31	127.53
ENSMUSG00000050241	Klre1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	252.85	23.56	30.10	49.00	0.00	51.04	0.00	48.24	0.00	0.00	8.95
ENSMUSG00000050272	Dscam	119.62	0.00	0.75	0.00	47.26	44.66	0.00	20.04	0.00	0.00	786.64	541.13	380.22	433.27	1274.31	755.93	220.01	387.63	228.83	592.94	295.55	324.95	346.35	243.68	119.70
ENSMUSG00000050304	Slc25a2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.92	0.00	0.00	0.00	0.00	0.00	7.83	0.00	0.00	0.00	25.04	0.00	42.53	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000050315	Synpo2	2033.47	1670.09	3198.64	2973.81	3158.77	4261.96	3789.20	3703.70	5366.83	6287.20	3050.33	3347.26	2589.66	2583.96	2759.81	3393.19	3534.73	2830.98	3227.73	3316.87	3927.71	3357.87	3044.91	4771.34	4356.12
ENSMUSG00000050350	Gpr18	130.83	155.83	0.00	0.00	0.00	0.00	24.15	0.00	0.00	0.00	38.19	43.29	6.96	67.86	0.00	176.26	139.06	186.19	114.42	47.64	63.39	0.00	134.01	65.65	6.71
ENSMUSG00000050373	Il31ra	127.09	0.00	0.00	62.82	140.57	0.00	0.00	0.00	87.41	0.00	510.17	438.31	164.61	349.75	0.00	268.63	311.34	152.27	73.47	311.36	184.05	60.93	0.00	46.72	127.53
ENSMUSG00000050394	Armcx6	143.91	397.64	197.49	274.05	219.75	281.11	166.94	347.76	715.58	283.45	93.17	112.09	25.50	99.18	0.00	255.43	338.32	130.66	179.45	209.27	118.37	187.86	0.00	89.64	77.19
ENSMUSG00000050397	Foxl2	0.00	0.00	0.00	0.00	26.39	0.00	0.00	40.07	231.92	60.67	0.00	3.09	115.92	0.00	0.00	6.60	113.12	0.00	22.88	25.52	0.00	0.00	58.30	59.34	0.00
ENSMUSG00000050423	Ppp1r3g	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.92	0.00	37.11	0.00	73.08	106.31	13.20	0.00	0.00	0.00	8.51	0.00	121.86	0.00	0.00	0.00
ENSMUSG00000050440	Hamp	306.52	165.50	0.00	0.00	0.00	136.61	0.00	32.20	0.00	24.65	236.76	555.82	491.50	347.14	1330.34	1106.56	559.37	688.15	1028.54	844.74	995.87	396.04	1009.46	669.17	666.73
ENSMUSG00000050445	Cyp8b1	22.43	0.00	0.00	47.63	0.00	0.00	0.00	0.00	0.00	0.00	68.74	119.82	23.18	174.87	182.45	82.00	15.57	143.73	0.00	132.71	34.37	99.86	0.00	54.29	46.98
ENSMUSG00000050447	Lypd6	405.57	396.57	292.14	412.80	296.48	137.93	103.72	113.06	0.00	0.00	653.75	601.43	644.52	741.26	551.67	537.26	383.98	488.89	187.88	649.08	311.59	648.22	346.35	266.41	147.67
ENSMUSG00000050463	Krt78	543.88	321.34	14.16	8.28	2.46	33.50	115.79	29.34	152.67	44.56	1693.95	979.44	621.33	845.66	247.10	1796.51	2297.68	1571.19	2147.40	3255.62	2701.97	2635.18	2251.26	2622.41	2434.24
ENSMUSG00000050473	Slc35d3	0.00	70.93	89.43	50.39	0.00	0.00	77.43	0.00	0.00	0.00	122.20	100.50	23.18	96.57	453.98	320.47	281.24	105.62	66.24	100.38	0.00	0.00	0.00	156.56	34.68
ENSMUSG00000050505	Pcdh20	5.61	1.07	0.00	35.90	173.71	0.00	0.00	0.00	0.00	64.46	23.68	97.40	185.47	161.82	0.00	102.74	314.45	554.22	315.55	137.81	36.66	0.00	0.00	165.40	88.38
ENSMUSG00000050541	Adra1b	231.76	70.93	15.65	46.94	0.00	0.00	24.15	6.44	0.00	0.00	581.20	579.01	129.83	305.38	597.65	778.55	370.49	242.81	481.75	512.97	256.60	194.63	199.28	198.23	182.34
ENSMUSG00000050553	Gk2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	4.36	0.00	3.40	0.00	0.00	0.00	0.00	2.24
ENSMUSG00000050555	Hyls1	283.15	114.99	239.23	193.97	340.06	179.96	268.53	357.06	80.42	212.35	427.69	156.15	208.06	287.11	242.79	253.55	341.43	549.66	663.61	510.42	295.55	415.50	426.41	349.74	99.56
ENSMUSG00000050556	Kcnb1	96.25	95.65	0.00	70.41	0.00	14.45	0.00	0.00	0.00	107.13	352.08	133.74	171.56	60.03	353.42	527.83	227.28	223.21	421.53	353.04	113.03	34.70	49.60	234.84	36.92
ENSMUSG00000050558	Prokr2	1808.25	836.12	581.30	384.50	125.84	611.48	410.60	377.81	116.54	203.82	3866.76	3677.35	3280.55	3006.79	2438.00	5169.90	2989.89	2925.71	3352.99	4490.84	3981.17	2681.72	3004.88	3309.26	2625.53
ENSMUSG00000050587	Lrrc4c	266.33	544.87	306.30	226.42	220.36	413.78	476.67	206.08	875.24	218.04	350.55	399.66	579.60	647.30	149.41	556.11	148.40	509.58	287.85	369.20	239.80	423.12	204.50	417.92	189.06
ENSMUSG00000050623	Catsperz	137.37	0.00	0.00	46.25	149.16	63.05	175.47	115.20	71.09	111.87	221.48	10.05	0.00	0.00	0.00	115.93	39.44	9.80	0.00	0.00	95.46	81.24	76.58	73.23	0.00
ENSMUSG00000050640	Tmem150c	3599.68	4946.86	3443.83	3706.22	4064.78	4637.00	3121.44	4646.79	4889.00	5536.37	1598.48	2294.38	2318.41	2082.83	1298.73	2135.82	3175.65	2771.09	2515.94	2338.57	2480.50	1611.23	1980.63	2845.89	3369.45
ENSMUSG00000050677	Ccdc96	0.00	378.30	89.43	84.91	49.11	0.00	56.12	32.92	0.00	24.65	42.01	119.82	452.09	112.23	249.98	306.33	260.49	239.54	65.04	349.64	145.10	351.19	419.45	295.45	299.81
ENSMUSG00000050700	Emilin3	80.37	78.45	0.00	42.11	0.00	0.00	36.23	15.74	0.00	0.00	136.71	30.15	51.01	86.13	100.57	175.31	77.83	65.33	83.10	193.11	81.72	52.47	59.18	126.26	45.87
ENSMUSG00000050721	Plekho2	362.58	0.00	192.28	393.47	292.80	319.86	365.85	271.91	484.82	439.88	501.01	533.40	326.90	428.05	560.29	869.03	860.33	671.81	555.22	763.93	707.95	434.12	717.06	499.99	1044.84
ENSMUSG00000050756	Defb6	93.45	73.08	0.00	0.00	0.00	17.73	0.00	2.86	0.00	0.00	258.14	385.75	354.72	203.58	643.62	618.31	813.63	594.51	1046.60	689.92	907.28	388.42	497.77	560.59	524.66
ENSMUSG00000050777	Tmem37	48.59	0.00	13.41	0.00	0.00	9.85	0.00	0.00	0.00	0.00	217.66	71.89	55.64	125.28	281.58	209.25	245.96	112.15	165.00	74.01	36.66	325.80	0.00	45.45	86.14
ENSMUSG00000050783	Htr1f	40.18	1.07	0.00	69.72	246.15	101.80	66.07	150.98	173.65	52.14	0.00	12.37	0.00	0.00	0.00	0.00	59.15	11.98	0.00	0.00	0.00	0.00	117.48	0.00	33.56
ENSMUSG00000050786	Ccdc126	324.27	252.56	324.93	124.94	160.21	281.11	289.84	128.80	0.00	77.74	335.28	303.03	468.32	605.53	360.92	372.31	175.39	356.05	299.99	362.40	490.30	319.03	305.45	348.48	624.22
ENSMUSG00000050810	Oog3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.97	0.00	0.00	0.00	0.00	11.42	0.00	0.00	13.61	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000050821	Fam131a	156.06	191.30	91.67	80.77	54.63	216.09	122.90	101.61	60.60	105.23	329.17	287.57	322.26	263.62	242.79	320.47	332.09	328.83	104.78	224.58	141.28	290.26	289.78	228.53	134.24
ENSMUSG00000050830	Vwc2	13.08	0.00	0.00	0.00	46.04	18.39	80.98	0.00	103.72	0.00	0.00	43.29	0.00	0.00	0.00	0.00	26.98	69.69	27.70	0.00	31.31	0.00	0.00	15.15	0.00
ENSMUSG00000050840	Cdh20	13.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.79	40.20	11.59	10.44	0.00	64.09	35.29	50.09	240.88	41.68	0.00	85.47	0.00	0.00	101.80
ENSMUSG00000050860	Phospho1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.53	0.00	0.00	80.19	0.00	0.00	18.94	0.00
ENSMUSG00000050866	Clm3	233.62	0.00	0.00	0.00	0.00	0.00	0.00	12.88	0.00	0.00	778.24	756.03	347.76	563.77	1090.42	1062.26	938.17	924.42	454.05	1035.30	612.49	865.70	697.05	630.03	407.20
ENSMUSG00000050875	A730017C20	242.03	940.37	579.06	757.26	756.24	592.43	812.68	1026.10	1644.43	890.18	58.81	149.97	60.28	52.20	198.26	287.48	113.12	301.61	177.04	225.44	373.45	297.03	66.14	362.36	572.76
ENSMUSG00000050896	Rtn4rl2	35.51	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	194.75	129.10	127.51	114.84	126.43	94.26	21.79	190.55	78.28	44.24	100.04	0.00	34.81	0.00	2.24
ENSMUSG00000050908	Tvp23a	1943.75	943.59	934.55	383.81	432.14	268.63	242.95	226.11	62.93	150.73	3891.96	3826.55	4727.24	3706.29	2764.12	3047.27	2248.90	3022.61	3349.37	2575.06	1228.03	1588.39	1113.01	1178.00	1004.57
ENSMUSG00000050921	P2ry10	163.54	0.00	59.62	0.00	0.00	94.58	0.00	93.74	27.97	0.00	214.61	335.50	403.40	354.97	622.07	483.53	337.28	42.46	310.73	97.83	222.24	308.03	133.14	88.38	0.00
ENSMUSG00000050930	Mag10	192.51	0.00	116.26	177.41	128.90	107.06	117.21	195.35	107.04	61.62	105.39	313.85	206.34	88.74	0.00	148.92	129.72	163.33	165.00	111.44	162.67	85.47	168.82	315.65	211.43
ENSMUSG00000050945	Zfp438	355.11	555.62	408.40	381.74	349.27	292.28	282.02	546.68	454.52	287.25	236.76	139.92	180.84	247.96	774.36	438.29	218.97	371.29	256.53	293.49	290.97	308.88	48.73	414.13	251.70
ENSMUSG00000050957	Insl6	415.85	662.02	237.74	233.32	259.65	147.78	223.77	182.47	844.94	159.27	337.57	224.18	153.02	146.16	831.82	489.18	378.79	309.23	499.82	584.43	439.89	509.43	249.75	513.88	212.55
ENSMUSG00000050994	Adgb	2596.97	1289.64	406.91	425.22	260.88	382.26	507.22	223.25	78.08	299.57	7033.18	7024.61	7887.23	7407.36	5868.72	9072.07	7850.91	6531.94	6585.53	7224.98	4731.89	3410.33	2887.40	4956.94	4150.29
ENSMUSG00000051029	Serpinb1b	63.55	119.29	23.10	35.90	9.21	30.87	0.00	84.44	67.60	117.55	62.63	104.36	11.59	33.93	389.33	210.19	168.12	161.15	362.52	280.73	446.76	342.73	190.58	78.28	186.82
ENSMUSG00000051041	Olfml1	226.15	428.81	187.80	205.02	268.86	195.73	320.38	427.18	206.28	132.72	90.12	18.55	88.10	13.05	0.00	149.87	155.67	164.41	93.94	52.74	186.34	0.00	256.72	393.93	244.99
ENSMUSG00000051043	Gprc5c	574.72	515.86	1646.27	1521.42	1172.41	1201.28	1012.30	1476.18	1068.70	1058.93	226.06	387.29	148.38	112.23	159.47	415.67	456.63	834.05	717.81	450.87	672.82	713.38	478.62	1267.64	836.77
ENSMUSG00000051079	Rgs13	81.30	42.99	392.01	154.63	227.12	32.84	172.62	14.31	53.61	182.97	85.54	37.11	0.00	5.22	0.00	30.16	917.41	489.98	918.94	844.74	226.82	286.03	103.56	287.87	456.42
ENSMUSG00000051113	Fam71e1	161.67	0.00	57.38	107.69	188.45	78.82	186.83	98.75	122.37	34.13	48.11	119.82	76.51	54.81	284.46	308.21	182.65	151.35	28.91	80.82	113.03	0.00	61.79	213.38	74.95
ENSMUSG00000051124	Gimap9	246.71	47.29	131.91	234.70	185.99	296.22	134.26	198.21	131.69	110.92	77.14	311.54	127.51	247.96	376.40	162.12	425.50	297.25	84.31	152.28	451.35	366.42	389.86	305.55

ENSMUSG00000052392	Acol4	28.03	81.68	0.00	35.90	0.00	17.08	51.15	0.00	0.00	0.00	0.00	37.88	11.59	0.00	1.44	42.41	14.53	0.00	109.60	75.71	0.00	0.00	0.00	0.00	74.49	0.00
ENSMUSG00000052407	Ccdc171	417.72	894.15	159.49	323.06	160.82	208.21	258.58	190.34	255.23	398.16	276.47	451.46	415.00	428.05	189.64	462.79	281.24	496.51	378.17	306.25	368.10	159.09	139.24	233.58	165.56
ENSMUSG00000052430	Bmpr1b	97.19	182.70	158.74	141.51	380.57	249.58	251.48	294.81	278.54	428.50	0.00	41.74	51.01	96.57	0.00	33.93	106.89	27.22	110.80	61.25	96.23	104.93	364.62	104.80	287.50
ENSMUSG00000052468	Pmp2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.59	13.05	0.00	0.00	0.00	1.09	39.74	0.00	30.55	88.85	0.00	0.00	0.00
ENSMUSG00000052477	C130026I21F	0.00	0.00	0.00	0.00	11.05	0.00	0.00	0.00	0.00	0.00	1.53	0.00	18.55	67.86	0.00	24.51	32.17	0.00	136.09	22.97	123.72	0.00	0.00	15.15	89.49
ENSMUSG00000052479	A330008L17I	151.39	0.00	14.16	0.00	0.00	0.00	10.73	0.00	9.48	433.03	85.81	229.52	174.87	439.62	325.18	157.74	216.68	254.12	227.14	197.03	140.48	0.00	101.01	57.05	
ENSMUSG00000052485	Tmem171	71.96	0.00	0.00	0.00	0.00	0.00	7.87	0.00	0.00	13.75	0.00	97.37	57.42	0.00	43.36	110.01	8.71	72.26	81.67	142.81	48.24	0.00	0.00	0.00	
ENSMUSG00000052496	Pkdrej	0.00	0.00	0.00	0.00	42.35	0.00	0.00	1.17	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.99	0.00	
ENSMUSG00000052504	Epha3	1042.90	725.43	912.19	390.71	219.75	265.35	245.08	223.97	326.32	124.19	737.76	1072.98	952.87	1359.84	573.22	940.67	870.71	537.89	908.10	785.19	811.81	770.92	590.88	839.62	400.49
ENSMUSG00000052516	Robo2	1326.99	2052.68	2343.83	3100.82	2708.21	3842.93	2717.23	2859.35	5420.44	4713.50	469.69	1062.16	1057.19	944.84	540.18	1036.81	1192.43	1202.08	903.28	1271.79	1251.71	860.62	1321.00	1632.53	2317.90
ENSMUSG00000052520	Cyp2j5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.71	0.00	49.59	0.00	32.99	85.10	0.00	80.69	34.03	100.81	0.00	100.08	0.00	0.00
ENSMUSG00000052526	Spdya	36.45	0.00	0.00	0.00	28.85	49.92	51.15	0.00	0.00	70.15	0.00	7.73	0.00	26.10	178.14	112.16	31.13	101.26	144.53	32.33	27.49	109.16	0.00	0.00	0.00
ENSMUSG00000052533	Nup188	2399.79	1355.20	2543.56	2325.62	2694.71	2374.33	2716.52	2142.36	1574.50	1756.66	3116.78	2871.84	2747.31	2490.00	1261.38	1985.96	2264.47	1929.42	2400.32	2159.92	1618.28	1443.68	1552.48	2108.53	1632.15
ENSMUSG00000052549	Arf13a	74.76	99.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139.00	156.93	104.33	107.01	94.82	161.18	153.59	54.44	110.80	68.06	41.24	0.00	35.68	41.67	0.00
ENSMUSG00000052551	Adarb2	0.00	0.00	0.00	0.00	21.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.54	80.45	156.46	76.80	69.69	0.00	7.66	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000052557	Gan	1498.93	1557.25	654.34	987.13	1471.35	807.21	422.68	808.57	1588.49	737.55	1464.07	1290.20	1905.73	1203.24	1719.67	1196.10	2407.68	2403.06	1890.87	2387.06	2417.11	1397.14	1831.82	2050.45	1534.82
ENSMUSG00000052572	Dlg2	2729.67	3410.04	2604.67	2955.86	2575.01	2263.98	2107.72	2704.79	4150.12	4075.49	1829.89	1913.27	2007.74	1709.59	2008.44	2802.21	2750.15	2199.45	2487.04	2671.19	1270.03	2323.76	2471.43	3199.41	3042.80
ENSMUSG00000052581	Lrrtm4	17.76	0.00	28.32	0.00	0.00	0.00	0.00	0.00	26.81	0.00	82.48	36.33	13.91	41.76	0.00	89.54	0.00	14.15	0.00	37.43	64.91	0.00	0.00	0.00	0.00
ENSMUSG00000052584	Serp2	93.45	0.00	0.00	11.04	38.06	0.00	56.12	0.00	0.00	58.78	80.96	126.78	99.69	54.81	397.95	293.13	184.73	263.50	292.66	227.14	29.78	152.32	81.80	127.52	133.12
ENSMUSG00000052595	A1cf	0.00	0.00	0.00	0.00	39.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.96	10.44	0.00	57.50	34.25	70.77	77.08	49.34	42.77	0.00	0.00	0.00	43.63
ENSMUSG00000052613	Pcdh15	1492.39	1643.22	952.44	1263.94	1176.10	675.19	1249.57	961.70	326.32	448.41	2194.19	3234.40	2863.24	3335.66	1861.90	1366.70	1413.48	1891.31	1625.91	1923.43	1050.09	684.61	371.58	776.50	830.06
ENSMUSG00000052616	Terb1	0.00	274.05	22.36	50.39	90.23	0.00	0.00	64.40	0.00	72.05	169.55	43.29	69.55	13.05	150.85	198.88	15.57	51.18	51.79	60.40	124.48	19.46	233.22	12.63	34.68
ENSMUSG00000052631	Sh2d6	735.45	430.96	414.36	468.71	480.01	103.12	74.59	16.46	195.79	94.80	177.95	245.05	102.01	242.74	206.88	254.49	3501.52	2737.34	2595.43	2759.67	576.59	39.77	375.94	1348.45	313.23
ENSMUSG00000052642	4930504O13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.02	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000052688	Rab7b	67.28	1.07	58.13	0.00	29.46	35.47	207.43	125.22	67.60	259.75	0.00	105.91	81.14	31.32	0.00	133.84	160.86	82.75	38.54	119.95	297.08	253.02	116.61	306.81	304.28
ENSMUSG00000052736	Klrc2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.24	0.00	0.00	36.54	0.00	0.00	0.00	0.00	0.00	13.61	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000052749	Trim30b	71.02	54.81	0.00	0.00	21.48	51.89	0.00	0.00	0.00	0.00	99.28	80.40	37.09	93.96	221.24	24.51	46.70	86.02	238.47	68.91	87.06	430.73	0.00	11.36	158.85
ENSMUSG00000052760	A630001G21	340.16	133.26	139.36	21.40	100.67	176.02	222.35	212.52	209.78	146.94	134.42	156.15	227.20	352.36	0.00	76.35	266.71	248.25	49.38	228.84	358.18	159.09	162.73	328.27	173.39
ENSMUSG00000052783	Grk4	17.76	0.00	0.00	40.73	139.95	47.29	0.00	48.66	19.81	71.10	0.00	51.02	6.96	20.88	0.00	51.84	29.06	30.49	48.18	58.70	116.08	94.78	115.74	140.15	38.03
ENSMUSG00000052794	1700030K09I	162.60	408.39	317.48	238.84	181.08	212.15	380.06	207.51	593.21	406.70	227.59	147.65	199.38	133.11	445.36	68.81	333.13	431.18	236.06	302.00	153.50	302.95	128.79	305.55	43.63
ENSMUSG00000052861	Dnah6	99.99	207.42	144.58	0.00	77.96	160.26	130.00	124.51	0.00	72.05	679.72	354.83	185.47	281.89	333.30	456.20	1239.13	540.06	597.37	725.65	676.64	398.58	394.21	292.92	484.39
ENSMUSG00000052926	Rnaseh2a	915.81	1598.08	1015.79	760.71	949.59	840.70	803.45	1028.96	1092.01	1037.12	463.58	642.40	561.06	843.05	793.03	811.54	685.98	714.28	952.66	1147.59	670.53	681.22	778.85	757.56	913.96
ENSMUSG00000052928	Ctlf	384.08	459.97	696.07	457.67	529.73	528.72	417.71	467.97	585.05	455.04	239.81	555.82	324.58	360.19	1183.80	262.97	365.30	248.25	323.98	346.23	252.78	361.34	266.29	249.99	302.04
ENSMUSG00000052942	Glis3	185.03	94.57	164.70	91.12	97.60	364.52	197.49	241.14	560.57	92.90	207.73	503.25	310.67	143.55	886.41	293.13	769.01	396.34	404.67	330.92	691.91	436.66	303.71	459.58	261.77
ENSMUSG00000052981	Ube2ql1	557.89	1370.25	1825.13	2148.90	2153.31	3417.98	2596.46	2452.20	2663.02	2168.10	991.32	1786.50	1272.81	1349.40	935.26	949.15	546.92	1081.22	1015.29	872.82	1001.98	1240.58	1166.10	920.43	1807.78
ENSMUSG00000053025	Sv2b	1729.75	1202.59	1927.24	1895.56	2015.20	1320.82	1039.30	1224.31	1167.77	1682.72	1644.54	2364.73	2772.82	2704.02	3193.68	1952.03	1589.90	1538.53	1009.27	1087.19	1422.01	920.70	990.31	939.37	710.36
ENSMUSG00000053044	Cd8b1	658.82	463.20	180.35	42.11	84.09	708.69	233.72	279.78	194.63	24.65	36.66	185.53	125.19	49.59	366.35	495.78	347.66	167.68	27.70	131.86	485.71	400.27	723.15	330.80	163.33
ENSMUSG00000053070	9230110C19I	57.94	199.89	76.02	82.84	90.23	0.00	0.00	123.79	424.22	50.24	0.00	327.77	57.96	164.43	0.00	405.30	104.82	258.05	321.57	114.84	84.01	96.47	162.73	107.32	71.60
ENSMUSG00000053093	Myh7	354.17	0.00	29.07	0.00	26.39	22.33	0.00	0.00	0.00	46.45	572.03	378.79	521.64	759.53	2.87	608.89	492.95	496.51	113.21	486.60	259.66	144.71	193.19	113.63	0.00
ENSMUSG00000053121	Gm5129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000053137	Mapk11	1013.00	946.81	699.05	722.05	1255.89	1446.27	957.60	1350.25	1322.77	2052.44	423.87	524.89	401.08	297.55	1484.06	608.89	747.21	665.28	635.91	638.02	748.43	1070.49	985.09	642.66	1221.59
ENSMUSG00000053141	Ptprt	626.11	483.62	667.75	874.61	616.90	344.82	257.87	500.89	438.20	669.29	1373.18	874.31	732.62	806.51	652.24	986.85	777.31	1019.15	508.25	1096.55	778.97	665.14	675.29	796.70	625.34
ENSMUSG00000053153	Spag16	53.27	118.22	0.00	0.00	0.00	23.64	144.21	20.04	0.00	0.00	481.15	245.05	224.89	229.69	257.16	77.29	223.13	95.82	326.39	173.54	145.10	241.18	322.85	159.09	255.06
ENSMUSG00000053158	Fes	1297.08	453.53	933.81	1233.56	1520.46	1851.51	1448.48	1559.19	1221.38	886.39	1046.31	755.26	894.91	553.33	1254.20	939.73	882.13	899.38	1806.57	1132.28	617.83	1070.49	603.06	1285.32	1051.56
ENSMUSG00000053166	Cdh22	2430.63	3290.74	3998.30	2754.98	2066.15	1250.54	1568.53	1180.66	1240.02	719.54	2613.48	2876.48	3067.26	3051.16	2955.19	1655.12	1011.85	2110.17	2013.72	1812.84	1184.50	1133.11	839.76	582.06	468.73
ENSMUSG00000053178	Mterf1b	57.94	147.23	120.73	52.46	58.93	82.10	0.00	10.73	0.00	114.71	0.00	105.13	11.59	0.00	0.00	41.47	25.94	33.75	69.85	0.00	0.00	0.00	0.00	135.10	0.00
ENSMUSG00000053025	Dand5	126.16	119.29	90.18	80.07	26.39	104.43	56.83	133.09	0.00	293.88	0.00	205.63	18.55	99.18	360.60	166.83	74.72	188.37	83.37	103.10	71.08	0.00	232.32	313.23	
ENSMUSG00000053318	Slamf8	427.07	624.40	458.33	536.36	429.68	765.17	427.65	644.00	714.41	343.18	333.75	169.30	48.69	193.14	224.12	149.87	395.40	206.88	28.91	311.36	213.84	459.51	205.37	223.48	417.27
ENSMUSG00000053368	Rxfp2	99.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.54	196.35	120.56	203.58	7.18	199.82	58.12	52.26	286.64	80.82	16.80	77.01	0.00	80.81	0.00
ENSMUSG00000053390	Zfp952	361.65	221.39	337.60	579.85	391.01	411.81	381.48	271.19	601.36	364.98	148.93	286.02	415.00	336.70	222.68	388.33	262.56	354.96	510.66	318.16	303.19	401.12	362.88	640.14	642.12
ENSMUSG00000053414	Hunk	3174.49	3462.70	5207.86	4741.67	3911.93	4531.25	3166.19	5185.60	4281.81	4172.19	2774.63	3960.28	3364.01	3210.38	2054.41	2704.18	2676.47	2762.38	3336.12	3006.37	2470.57	3820.76	3560.08	3141.33	4122.32
ENSMUSG00000053420	Gm4792	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.79	0.00	46.97	21.27	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000053469	Tg	90.65	0.00	0.00	38.66	0.00	0.00	0.00	0.00	0.00	0.00	1015.00	1103.13	607.42	532.45	410.88	998.16	743.06	825.34	863.54	529.13	830.91	256.41	0.00	181.81	182.34
ENSMUSG00000053475	Tnfaip6	73.83	65.56	0.00	0.00	0.00	0.00	0.00	9.30	0.00	73.94	232.17	269.02	106.65	297.55	650.80	308.21	333.13	227.57	290.25	358.99	478.08	159.09	94.85	305.55	61.53
ENSMUSG00000053550	Shisa7	112.14	2.15	90.92	0.00	28.85	0.00	0.00	17.17	0.00	0.00	86.30	160.79	357.04	247.96	0.00	232.81	300.96	130.66	72.26	270.52	51.93	0.00	0.00	212.12	218.14
ENSMUSG00000053553	3110082I17R	541.07	462.12	124.46	264.38	265.17	156.97	365.14	267.62	179.48	96.70	228.35	103.59	106.65	88.74	271.53	241.29	198.22	287.45	452.85	85.92	278.75	126.09	231.48	393.93	221.50
ENSMUSG00000053675	Tgm5	299.97	49.44	0.00	0.00	0.00	99.45	0.00	0.00	0.00	0.00	372.70	679.50	556.42	568.99	797.34	896.37	845.80	873.25	439.60	774.14	868.33	495.05	700.53	419.18	947.52
ENSMUSG00000053693	Mast1	152.32	18.27	93.90	103.54	52.18	99.83	80.27	25.76	146.84	127.03	6.87	78.85	178.52	193.14	155.16	230.93	257.37	188.37	145.73	140.37	116.08	121.01	53.08	116.16	134.24
ENSMUSG00000053729	Spinkl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.72	0.00	0.00	0.00	0.00	25.45	0.00	0.00	85.61	31.48	65.68	0.00	0.00	0.00	15.66
ENSMUSG00000053730	Tmem39b	362.58	637.30	373.37	411.42	230.80	324.46	421.26	379.96	114.21	39.82	38.95	153.83	169.24	242.74	199.69	160.23	396.44	217.77	363.72	166.74	158.09	237.79	253.23	51.77	165.56
ENSMUSG00000053746	Ptrh1	42.99	0.00	0.00	54.53	84.09	66.34	34.81	121.64	152.67	205.72	229.88	77.30	139.10	83.52	731.26	214.90	278.13	262.41	314.34	209.27	142.81	476.43	372.45	364.89	58.17
ENSMUSG00000053835	H2-T24	222.41	242.88	23.10	165.67	103.12	208.86	144.92	204.65	170.15	108.07	284.87	185.53	51.01	10.44	1.44	298.79	251.15	236.28	109.60	129.31	191.69	137.09	165.34	385.09	385.94
ENSMUSG00000053846	Lipg	2468.01	3985.00	3353.66	3349.33	3389.57	2568.74	2972.97	3249.32	2166.54	1845.77	1841.35	2412.66	2545.61	2150.69	2654.93	2045.34	1468.48	2408.51	2159.45	1768.60	1328.84	2246.76	2803.86	1498.70	2066.19
ENSMUSG00000053873	Aym1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000053914	Kdm4d	5.61	225.69	60.37	0.00	55.24	0.00	0.00	0.00	0.00	0.00	378.81	181.66	88.10	20.88	0.00	35.82	21.79	22.87	238.47	96.98	41.24	44.00	67.01	45.45	1.12
ENSMUSG00000053977	Cd8a	2506.32	531.98	436.72	369.31	391.62	1580.26	1241.76	446.50	636.33	620.95	984.45	358.69	463.68	224.47	794.47	954.81	1127.04	511.75	417.92	228.84	1876.41	774.31	951.15	1315.62	532.49
ENSMUSG00000054003	Tdrd9	96.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	290.22	149.20	280.53	344.53	0.00	441.11	152.56	49.00	80.69	236.49	109.21	183.63	248.01	26.51	68.24
ENSMUSG00000054034	Tceal5	26.17	0.00	62.60	0.00	49.72	22.99	178.31	23.61	0.00	99.54	0.00	0.00	9.27	39.15	0.00	0.00	46.70	92.55	0.00	0.00	23.67	0.00	214.94	0.00	42.51
ENSMUSG00000054057	A930004D18	102.79	0.00	75.27	170.50	54.02	161.57	58.25	127.37	0.00	0.00	153.51	153.06	16.23	2.61	0.00	0.00	28.02	63.15	103.58	111.44	119.90	31.31	155.77	40.40	68.24
ENSMUSG00000054074	Skida1	395.29	318.11	425.54	337.56	481.86	210.88	337.43	386.40	193.46	402.90	407.83	353.28	227.20	161.82	247.10	304.44	488.80	272.21	133.69	249.25	126.77	378.27	254.10	136.36	528.01
ENSMUSG00000054136	Aldh2	815.82	433.11	461.31	619.20	478.17	457.13	289.84	343.46	79.25	19.91	714.85	1378.33	1205.57	837.83	926.64	522.17	386.06	810.10	737.08	398.98	317.70	674.45	586.53	150.25	620.20
ENSMUSG00000054162	Spock3	1693.31	176.25	319.72	292.00	277.45	74.88	78.14	212.52	163.16	213.30	5643.96	5306.15	6016.27	7130.69	5888.84	4434.71	3484.91	4417.41	4061.16	4704.36	3173.94	2444.78	3475.67	2247.42	3060.70
ENSMUSG00000054169	Ceacam10	273.81	505.11	469.51	382.43	373.21	86.04	383.61	150.98	344.97	337.49	436.85	851.12	665.38	428.05	221.24	572.13	777.31	1105.17	768.39	842.19	495.64	311.41	494.29	443.17	680.15
ENSMUSG00000054196	Cthrc1	0.00	0.00	0.00	0.00	58.31	0.00	57.54	8.59	0.00	0.00	0.00	27.83	0.00	2.61	0.00	0.00	0.00	0.00	0.00	0.00	99.01	3.48	17.68	0.00	
ENSMUSG00000054206	Gzmm	45.79	0.00	0.00	0.00	23.94	0.00	0.00	0.00	0.00	0.00	42.77	0.00	18.55	13.05	0.00	0.00	72.65	21.78	238.47	109.74	0.00	93.09	0.00	11.36	0.00
ENSMUSG00000054252	Fgfr3	838.24	641.60	690.85	1152.80	1712.58	992.42	889.40	883.71	931.18	1003.94	1100.53	1197.44	1031.69	1213.68	1077.49	1439.28	1117.70	1186.83	1142.95	931.51	1135.62	1102.65	911.12	900.23	1359.19
ENSMUSG00000054256	Msi1	2893.20	723.28	635.70	487.35	674.60	263.38	316.83	379.96	89.74	274.92	7329.51	7021.52	6904.22	8670.63	5710.69	7403.75	6577.54	6439.38	6642.14	7006.35	3782.61	2433.78	2306.96	2857.25	2791.10
ENSMUSG00000054293	P2ry10b	0.00	0.00	0.00	0.00	0.00	66.07	0.00	0.00	0.00	0.00	56.52	0.00	67.23	5.22	0.00	0.00	29.06	0.00	0.00	158.23	10.69	0.00	0.00	0.00	0.00
ENSMUSG00000054310	Obox1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.69	0.00	0.00	0.00	34.70	0.00	0.00	0.00
ENSMUSG00000054383	Pnma1	38.31	0.00	0.00	59.37	20.26	44.66	55.41	28.62	0.00	0.00	25.20	84.26	81.14	5.22	0.00	0.00	100.67	62.06	0.00	23.82	59.57	129.47	50.47	0.00	38.03
ENSMUSG00000054387	Mdm4	8388.05	7825.99	6169.98	5552.77	7715.22	6583.09	4494.62	5839.62	4926.30	6633.22	5871.55	7539.46	7576.56	7122.86	4131.81	5387.63	7632.98	7220.08	7262.39	6281.56	9168.99	8959.95	6360.45	6103.38	5588.90
ENSMUSG00000054423	Cadps	2197.00	1544.35	831.71	849.76	693.63	688.98	572.57	574.59	513.96	792.54	4379.98	5571.30	4796.79	5684.72	4749.57	6559.23	5447.38	6019.09	7998.27	8445.73	3957.50	4292.11	4499.05	4696.85	4866.24
ENSMUSG00000054434	Tmem120b	358.85	364.32	132.66	48.32	93.30	199.67	150.60	101.61	136.36	319.48	368.88	303.03	591.19	537.67	992.73	411.90	582.20	595.59	515.47	575.92	290.21	269.95	151.42	209.59	332.25
ENSMUSG00000054459	Vsnl1	185.96	0.00	162.47	150.49	128.29	274.54	597.44	525.93	1259.84	612.41	71.79	64.16	108.97	0.00	0.00	111.22	0.00	40.29	0.00	35.73	68.73	287.72	307.19	214.64	411.67
ENSMUSG00000054474	Thnsl2	43.92	0.00	134.89	90.43	41.74	38.09	30.55	258.31	83.91	237.00	329.93	286.80	113.60	334.09	1055.94	384.56	368.42	254.79	122.85	245.85	316.94	212.41	311.54	141.41	392.66
ENSMUSG00000054517	Trim65	1190.55	829.67	1162.60	1217.00	1301.93	923.46	931.32	1166.35	1302.96	619.05	1157.81	1786.50	1198.62	1132.77	604.83	1515.63	832.31	850.38	755.14	1392.59	932.48	1190.65	1151.30	631.30	825.58
ENSMUSG00000054520	Sh3bp2	464.45	252.56	704.27	401.75	503.95	370.43	420.55	178.17	617.68	118.50	570.51	584.42	500.78	334.09	280.15	547.62	256.34	399.60	303.50	561.46	617.07	568.67	328.94	276.51	318.82
ENSMUSG00000054555	Adam12	1241.01	378.30	473.98	327.89	357.25	479.46	397.11	318.42	310.01	328.01	2402.69	3032.64	2325.36	2035.85	1877.70	1601.40	1710.28	1542.88	1423.57	1461.50	1026.41	719.30	759.70	388.88	553.74
ENSMUSG00000054594	Oscar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.18	0.00	0.00	173.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.51	45.45	0.00
ENSMUSG00000054612	Mgmt	75.69	152.61	162.47	41.42	14.73	74.22	119.34	73.70	182.97	132.72	165.73	120.59	62.60	107.01	206.88	208.30	179.54	230.83	142.12	296.89	311.59	116.78	187.97	56.82	192.41
ENSMUSG00000054626	Xlr	0.00	0.00	0.00	0.00	0.00	62.51	0.00	0.00	0.00

ENSMUSG00000056413	Adap1	296.24	329.93	23.10	27.61	17.80	0.00	15.63	32.92	50.11	0.00	1475.52	1627.25	1231.08	1038.80	3058.63	1766.34	1071.00	1178.12	2095.62	1578.90	1269.27	1048.49	1165.23	844.68	966.54
ENSMUSG00000056427	Slit3	148.59	0.00	35.03	197.43	47.88	156.97	102.30	172.45	71.09	182.02	535.37	376.47	526.28	321.04	1106.22	833.22	361.15	454.05	776.82	810.72	330.68	484.89	648.32	438.12	332.25
ENSMUSG00000056436	Cyct	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000056457	Prf2c3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.83	0.00	0.00	0.00	0.00	0.00	0.00	10.10	0.00
ENSMUSG00000056458	Mok	113.07	242.88	114.77	0.00	81.64	156.97	17.05	72.99	0.00	114.71	81.72	289.12	217.93	117.45	94.82	269.57	346.62	434.45	79.49	398.98	73.32	199.71	114.00	70.71	29.09
ENSMUSG00000056486	Chn1	277.55	0.00	90.18	25.54	25.17	49.92	0.00	0.00	0.00	59.72	263.49	645.49	215.61	582.04	372.09	448.66	163.97	363.67	187.88	324.97	348.25	295.34	226.26	127.52	128.65
ENSMUSG00000056508	1700001K19I	118.68	76.30	0.00	0.00	7.98	0.00	29.13	0.72	51.28	115.66	96.23	23.96	157.65	5.22	160.90	0.00	16.60	30.49	0.00	0.00	0.00	53.31	0.00	50.50	0.00
ENSMUSG00000056531	Ccdc18	470.05	441.70	390.51	478.38	289.11	303.44	491.59	411.44	412.56	78.68	737.00	641.62	528.60	193.14	0.00	550.45	820.90	388.71	279.42	561.46	340.61	590.67	527.35	189.39	302.04
ENSMUSG00000056536	Pign	1380.25	1589.49	1597.09	2010.84	1993.72	1465.32	1721.98	1730.92	1726.01	1899.81	1477.82	1857.62	1891.82	1626.07	1943.79	1418.54	1792.27	1268.50	1386.24	1980.43	1878.70	1505.45	929.40	1299.21	954.23
ENSMUSG00000056592	Zfp658	122.42	754.44	61.86	173.27	237.55	390.80	245.79	179.60	461.51	234.16	264.25	292.21	319.94	683.84	0.00	445.83	206.52	405.05	568.47	134.41	161.14	141.32	237.57	217.17	308.75
ENSMUSG00000056598	Drc3	647.61	744.77	550.00	479.76	487.99	237.76	529.95	508.76	409.07	360.24	530.79	700.37	438.18	631.64	849.06	473.16	799.10	667.46	454.05	672.90	534.59	473.05	775.37	523.98	578.36
ENSMUSG00000056617	4931429L15I	24.30	0.00	0.00	16.57	0.00	14.45	0.00	0.00	0.00	0.00	42.77	34.01	6.96	2.61	0.00	0.00	0.00	47.91	39.74	0.00	0.00	0.00	126.18	0.00	91.73
ENSMUSG00000056656	Apol8	105.60	0.00	30.56	57.99	0.00	44.01	88.80	41.50	0.00	0.00	129.07	32.47	99.69	0.00	0.00	0.00	66.42	145.90	72.26	35.73	0.00	55.01	54.82	101.01	0.00
ENSMUSG00000056666	Retsat	245.77	467.50	307.79	309.25	345.59	351.39	252.90	332.02	138.69	273.97	465.11	363.33	449.77	944.84	942.44	252.60	512.67	295.07	604.60	515.52	561.32	560.21	442.94	189.39	530.25
ENSMUSG00000056671	Prelid2	30.84	119.29	173.64	22.09	33.15	46.63	56.83	43.65	59.44	36.02	0.00	136.83	173.88	174.87	0.00	2.83	33.21	20.69	150.55	51.89	89.35	0.00	357.66	40.40	12.31
ENSMUSG00000056679	Gpr173	405.57	192.37	92.41	372.76	184.15	97.21	117.21	249.73	291.36	682.57	106.92	71.12	11.59	15.66	73.27	195.11	23.87	22.87	195.11	53.59	64.91	95.62	353.31	103.53	53.70
ENSMUSG00000056752	Dnah9	790.58	620.10	482.18	63.51	365.23	204.92	277.76	319.85	327.49	247.43	2377.49	1783.40	1613.61	1759.18	1484.06	2908.72	2513.54	2331.20	2217.26	2951.07	2315.54	1744.94	1887.51	2034.04	1725.00
ENSMUSG00000056755	Grm7	117.75	0.00	0.00	0.00	55.24	0.00	0.00	0.00	0.00	0.00	594.94	274.43	459.05	553.33	0.00	637.17	287.47	653.30	243.28	340.28	394.83	322.42	76.58	136.36	127.53
ENSMUSG00000056758	Hmga2	109.34	0.00	0.00	49.70	0.00	0.00	19.89	0.00	0.00	0.00	73.32	0.77	0.00	0.00	0.00	32.05	0.00	0.00	0.00	35.73	0.00	0.00	0.00	26.51	26.85
ENSMUSG00000056771	Gm10010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.10	36.32	0.00	0.00	0.00	0.00	0.00	90.50	0.00	0.00
ENSMUSG00000056821	1700028I16R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.37	7.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.76	0.00	0.00	0.00	0.00	27.97
ENSMUSG00000056832	Ttc26	325.21	72.01	244.44	133.23	228.34	243.67	115.08	158.14	459.18	260.70	181.77	213.36	285.16	234.91	0.00	87.66	235.58	72.95	274.60	310.50	274.17	282.64	350.70	339.64	271.84
ENSMUSG00000056854	Pou3f4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.96	0.00	0.00	0.00	32.17	0.00	0.00	41.68	0.00	0.00	0.00	0.00	31.32
ENSMUSG00000056899	Immp2l	9.34	66.93	71.54	114.59	23.33	52.54	123.61	45.80	72.26	51.19	156.56	37.88	18.55	44.37	0.00	53.73	98.59	56.62	0.00	207.57	144.34	153.17	120.96	44.19	187.94
ENSMUSG00000056917	Sipa1	530.79	269.75	289.91	276.81	193.97	519.53	517.16	528.79	286.70	618.10	155.04	142.24	326.90	169.65	353.42	307.27	611.26	272.21	255.33	170.99	468.15	752.30	254.10	228.53	182.34
ENSMUSG00000056947	Mab21l1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.09	0.00	0.00	0.00	0.00	0.00	0.00	17.01	0.00	0.00	10.44	0.00	0.00
ENSMUSG00000056966	Gjc3	59.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.15	45.82	78.08	44.05	159.21	0.00	61.27	115.20	87.11	238.47	117.40	118.37	78.70	0.00	170.45	114.10
ENSMUSG00000056987	Fam71d	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.79	0.00	10.89	30.11	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000057037	Cfhr1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.58	131.42	18.55	65.25	0.00	0.00	0.00	30.49	57.81	6.81	66.44	99.86	0.00	18.94	0.00
ENSMUSG00000057054	Inca1	178.49	0.00	0.00	81.46	14.73	45.98	0.00	25.04	115.38	0.00	77.90	245.83	44.05	203.58	689.59	100.85	184.73	182.92	434.78	64.65	175.65	11.85	287.17	92.17	42.51
ENSMUSG00000057058	Skap1	424.26	79.53	0.00	48.32	19.64	273.23	279.18	108.05	0.00	257.86	178.71	80.40	92.74	0.00	0.00	279.00	288.51	207.97	57.81	150.57	164.20	741.30	509.08	387.62	312.11
ENSMUSG00000057060	Slc35f3	0.00	101.02	38.75	11.74	0.00	0.00	0.00	2.15	0.00	84.37	151.98	0.00	11.59	0.00	0.00	48.07	39.44	75.13	316.75	28.92	27.49	0.00	0.00	70.71	0.00
ENSMUSG00000057103	Nat8f1	50.46	101.02	0.75	0.00	59.54	12.48	9.24	53.67	25.64	87.22	0.00	20.87	18.55	0.00	511.45	45.24	179.54	0.00	91.53	23.82	41.24	50.77	0.00	0.00	25.73
ENSMUSG00000057116	AF366264	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.51	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000057170	Prf3d1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.43	0.00	0.00	0.00	22.12	0.00	0.00	0.00	40.40	0.00
ENSMUSG00000057173	Rfx8	34.58	0.00	0.00	0.00	0.00	22.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	235.61	16.97	0.00	0.00	0.00	56.61	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000057176	Ccdc189	186.90	0.00	36.52	55.91	57.70	98.52	100.87	161.71	120.04	132.72	109.98	309.22	206.34	409.78	603.39	147.04	450.40	405.05	469.71	333.47	483.42	217.48	298.49	333.32	495.57
ENSMUSG00000057182	Scn3a	240.17	67.71	0.00	91.12	79.18	24.30	0.00	0.00	0.00	0.00	1311.32	1151.83	1305.26	1297.20	97.69	1294.13	1047.13	636.97	951.46	915.35	840.07	462.89	671.81	440.65	314.35
ENSMUSG00000057195	Ceacam13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.04	17.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000057219	Armc7	343.89	341.76	224.32	210.54	136.27	294.90	159.13	376.38	467.34	391.53	261.96	207.95	141.42	156.60	373.53	388.33	395.40	553.13	246.90	299.45	347.48	134.55	590.01	167.92	413.91
ENSMUSG00000057228	Aadat	20.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.11	26.28	78.83	0.00	0.00	60.32	107.93	0.00	0.00	85.07	0.00	84.62	0.00	0.00	0.00
ENSMUSG00000057230	Aak1	2012.91	1270.30	1427.17	1577.33	1854.99	1327.39	1448.48	2075.10	2624.56	2090.36	2239.25	2146.73	1915.01	1793.11	1106.22	2405.39	3579.35	1545.06	1563.28	1982.13	3242.67	2748.58	2470.56	2309.28	2063.96
ENSMUSG00000057240	Ms4a13	48.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	271.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000057246	BC051142	1131.68	362.18	105.83	227.80	174.94	184.56	259.29	145.26	39.62	455.99	1121.15	854.21	904.18	1182.36	4006.82	1813.47	1492.35	1674.63	1758.39	1458.95	670.53	584.75	395.08	1117.40	1650.05
ENSMUSG00000057286	St6galnac2	1070.00	1717.38	1162.60	1841.72	1377.43	2433.44	2062.96	2123.04	921.86	2571.95	1425.88	1081.48	1010.83	1062.30	679.54	944.44	909.11	990.84	736.28	1040.40	1696.94	1390.37	972.91	702.00	1033.66
ENSMUSG00000057337	Chst3	449.49	493.29	375.61	456.98	187.22	27.59	489.46	140.96	468.51	117.55	742.34	1087.67	574.97	1198.02	191.07	733.31	419.27	748.03	570.87	586.13	178.71	221.71	451.65	313.12	238.28
ENSMUSG00000057378	Rfx3	359.78	180.55	153.52	40.73	37.44	245.64	345.96	137.39	142.18	0.00	970.70	1136.37	836.95	1088.40	675.23	1287.53	1228.75	858.00	1000.74	966.39	598.74	655.83	520.39	635.08	321.06
ENSMUSG00000057402	Cldn34b2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.60	18.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.78	0.00
ENSMUSG00000057604	Lmcd1	200.92	159.06	193.77	8.97	20.26	0.00	64.65	62.97	0.00	63.52	578.14	653.99	586.56	814.34	1122.02	390.22	296.81	259.14	333.61	337.73	463.57	436.66	169.69	142.67	246.11
ENSMUSG00000057715	A830018L16I	164.47	644.82	172.15	69.03	68.14	57.14	141.37	65.12	0.00	69.20	397.90	124.46	190.11	618.58	0.00	275.23	170.20	133.93	390.22	145.47	154.27	16.92	63.53	140.15	0.00
ENSMUSG00000057716	Tmem178b	73.83	0.00	2.98	45.56	82.25	0.00	0.00	0.00	0.00	9.48	177.95	109.00	111.28	91.35	0.00	313.87	93.40	292.90	60.22	288.39	4.58	103.24	67.01	29.04	107.39
ENSMUSG00000057719	Sh3rf2	315.86	1.07	459.82	255.41	241.85	483.40	287.00	724.14	848.44	696.79	132.13	37.88	55.64	2.61	836.13	121.59	203.41	251.52	71.06	314.76	452.11	603.37	460.35	633.82	506.76
ENSMUSG00000057751	Megf6	1999.82	2755.54	1835.57	1388.19	1447.41	1714.24	2857.89	2118.03	912.54	1506.39	1719.92	1955.02	2355.50	1999.31	1471.13	2099.07	1730.00	2075.32	1646.38	1433.43	2061.99	1673.01	2278.24	2686.80	1409.53
ENSMUSG00000057816	1700007G11	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.23	105.13	238.80	140.94	0.00	166.83	30.10	56.62	173.43	164.18	102.34	39.77	324.59	202.02	114.10
ENSMUSG00000057836	Xlr3a	115.88	127.89	110.30	99.40	112.94	28.90	0.00	27.19	0.00	0.00	76.37	57.20	111.28	36.54	239.92	104.62	45.66	0.00	0.00	79.97	42.77	92.24	155.77	1.26	0.00
ENSMUSG00000057895	Zfp105	233.62	582.49	302.57	236.08	392.85	421.66	390.71	252.59	787.83	801.07	101.58	328.54	338.49	253.18	643.62	244.12	445.21	348.43	337.23	391.32	263.48	0.00	380.29	222.22	306.52
ENSMUSG00000057897	Camk2b	545.75	1.07	250.41	383.81	241.23	156.97	31.97	53.67	428.88	252.17	1422.06	647.81	1133.70	634.25	1199.60	1135.78	1385.46	1363.22	1118.87	1749.89	964.55	1248.20	1282.71	1157.80	917.31
ENSMUSG00000057914	Cacnb2	28.97	63.41	77.51	24.16	21.48	40.06	0.00	51.52	67.60	0.00	34.37	102.81	67.23	73.08	0.00	227.16	170.20	130.66	73.47	132.71	103.86	269.95	201.02	0.00	87.26
ENSMUSG00000057948	Unc13d	799.93	286.95	168.43	120.11	372.59	243.67	51.86	25.04	395.08	345.34	1347.98	1171.16	1045.60	832.61	965.43	1415.71	854.10	1524.37	1639.16	1247.72	1073.00	632.98	692.70	643.92	450.83
ENSMUSG00000058052	Defb35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	403.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000058099	Nfam1	100.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	111.50	112.09	27.82	135.72	1116.28	191.34	134.91	154.61	0.00	116.55	88.59	79.55	153.16	101.01	0.00
ENSMUSG00000058147	Xlr3c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.30	0.00	0.00	7.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000058152	Chsy3	221.48	0.00	46.95	46.94	38.67	30.21	88.09	98.03	0.00	0.00	87.07	193.26	220.25	169.65	248.54	163.06	106.89	156.79	150.55	157.38	58.04	119.32	68.75	147.72	135.36
ENSMUSG00000058153	Sez6l	974.68	1131.66	1525.54	1574.57	1301.93	2853.13	1696.40	2324.83	2924.08	2977.70	795.81	664.04	472.96	326.26	791.60	685.24	827.12	829.69	1330.84	540.19	959.21	622.83	754.48	948.21	1523.64
ENSMUSG00000058173	Smco4	162.60	481.47	160.98	137.37	141.79	190.47	228.03	173.88	223.76	67.31	111.50	140.69	183.15	127.89	225.55	200.76	245.96	158.97	237.26	123.35	197.03	105.78	25.24	210.85	135.36
ENSMUSG00000058174	Gm5148	0.00	0.00	88.69	20.02	42.35	28.90	0.00	9.30	145.68	0.00	0.00	24.74	41.73	5.22	0.00	0.00	0.00	0.00	80.69	0.00	61.10	124.40	0.00	44.19	0.00
ENSMUSG00000058176	Gm5407	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.27	0.00	0.00	0.00	67.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.82
ENSMUSG00000058183	Mme1	187.83	0.00	146.07	169.81	218.52	92.61	114.37	41.50	269.22	0.00	129.83	205.63	199.38	161.82	186.76	304.44	70.57	93.64	112.01	33.18	26.73	36.39	428.15	122.47	323.30
ENSMUSG00000058216	Gstp3	23.36	223.54	193.77	33.13	58.93	45.32	24.86	0.00	0.00	0.00	138.23	220.32	97.37	125.28	136.48	467.51	322.75	189.46	586.53	439.81	1037.87	563.59	979.00	268.93	417.27
ENSMUSG00000058260	Serpina9	1255.03	1219.79	1070.19	1614.61	1141.72	1529.68	1575.64	1847.56	667.79	1578.44	649.93	882.04	523.96	626.41	1198.17	965.17	609.19	921.16	1033.36	1099.95	804.94	1769.48	1141.73	1232.29	1387.16
ENSMUSG00000058328	Xlr5a	27.10	0.00	0.00	0.00	23.94	0.00	81.69	0.00	0.00	0.00	31.31	0.00	0.00	26.10	0.00	0.00	0.00	28.31	0.00	0.00	0.00	0.00	0.00	31.56	0.00
ENSMUSG00000058396	Gpr182	50.46	90.28	14.91	64.89	83.48	0.00	63.93	14.31	0.00	60.67	270.36	57.98	78.83	75.69	340.49	166.83	144.25	328.83	191.50	254.36	456.69	330.88	141.85	299.23	259.53
ENSMUSG00000058400	Qrfpr	481.27	802.80	456.10	477.69	226.50	81.44	62.51	85.87	332.15	105.23	1229.60	1297.16	1340.04	1070.13	445.36	1325.23	807.40	913.53	1000.84	891.53	441.42	486.59	625.69	328.27	321.06
ENSMUSG00000058420	Syt17	146.72	0.00	94.65	57.29	28.85	0.00	0.00	27.19	106.05	27.49	368.12	268.24	549.46	198.36	135.05	493.90	316.53	237.37	275.80	358.14	181.76	259.79	202.76	257.57	117.46
ENSMUSG00000058427	Cxcl2	457.90	240.73	210.91	254.72	27.01	70.28	262.13	124.51	209.78	76.79	1651.18	633.12	612.06	1764.40	436.74	962.35	1133.27	1378.47	1305.54	1252.23	1312.80	1312.51	1301.85	714.63	740.56
ENSMUSG00000058441	Panx2	91.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.14	0.00	0.00	0.00	0.00	0.00	33.75	0.00	7.66	0.00	0.00	28.72	0.00	0.00
ENSMUSG00000058498	Rnf207	65.41	0.00	0.00	19.33	37.44	24.30	0.00	35.06	0.00	0.00	67.21	84.26	62.60	78.30	0.00	20.74	102.74	98.00	73.47	110.59	0.00	0.00	0.00	152.77	10.07
ENSMUSG00000058499	Pip	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.58	0.00	41.73	0.00	0.00	0.00	148.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000058743	Kcnj14	0.00	189.15	0.00	0.00	35.60	74.22	0.00	21.47	0.00	0.00	0.00	0.00	67.23	7.83	0.00	28.28	0.00	0.00	0.00	33.18	0.00	27.93	0.00	0.00	99.56
ENSMUSG00000058794	Nfe2	66.35	0.00	0.00	0.00	0.00	0.00	14.21	10.73	0.00	67.31	206.21	80.40	176.20	73.08	0.00	35.82	119.35	57.71	0.00	102.93	0.00	0.00	0.00	82.07	0.00
ENSMUSG00000058886	Deaf1	737.32	794.21	629.74	860.11	691.79	907.04	768.64	825.03	494.14	1105.38	400.96	361.78	308.35	542.89	849.06	404.36	619.56	451.87	655.18	302.00	1041.69	530.59	880.66	618.67	750.63
ENSMUSG00000058897	Col25a1	126.16	0.00	0.00	0.00	0.00	0.00	0.00	22.39	0.00	0.95	226.06	26.28	224.89	151.38	0.00	235.64	156.71	130.66	207.15	223.73	122.19	82.93	300.23	83.33	39.15
ENSMUSG00000058975	Kcnc1	138.31	0.00	160.98	75.93	140.57	0.00	0.00	0.00	0.00	0.00	805.73	957.02	730.30	488.08	214.06	501.44	510.59	586.88	504.63	449.17	68.73	341.03	198.41	199.49	83.90
ENSMUSG00000059013	Sh2d3c	216.80	165.50	0.00	98.02	52.18	79.47	73.17	37.21	101.39	71.10	649.17	527.21	273.57	947.45	272.96	683.35	691.17	559.66	625.07	581.03	638.45	346.96	531.71	380.04	487.74
ENSMUSG00000059089	Fcgr4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.01	0.00	5.22	211.19	0.00	0.00	0.00	0.00	32.33	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000059114	Lrrc74a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.27	117.45	63.21	7.54	74.72	18.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000059146	Ntrk3	154.19	187.00	22.36	0.00	89.62	298.19	89.51	0.72	96.73	355.50	176.42	297.62	326.90	219.25	0.00	488.24	340.40	84.93	260.15	388.77	312.35	416.35	230.61	209.59	115.22
ENSMUSG00000059173	Pde1a	0.00	0.00	67.07	49.70	0.00	44.01	26.99	60.82	0.00	0.00	23.68	53.34	30.14	57.42	0.00	95.20	18.68	76.22	75.88	110.59	0.00	73.62	0.00	16.41	0.00
ENSMUSG00000059187	Fam19a1	34.58	0.00	0.00	51.77	50.33	61.74	0.00	31.48	0.00	73.00	203.15	335.50	132.15	206.19	807.40	307.27	292.66	103.44	242.08	214.38	89.35	0.85	129.66	150.25	34.68
ENSMUSG00000059305	Vpreb1	0.00	0.00	0.00	57.29	11.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.12	0.00	56.61	0.00	28.26	0.00	0.00	0.00	0.00
ENSMUSG00000059327	Eda	242.03	133.26	203.46	153.25	147.93	246.30	285.58	64.40	124.70	175.38	141.29	348.64	78.83	240.13	186.76	302.56	375.68	211.23	28.91	415.99	52.70	50.77	29.59	238.63	406.08
ENSMUSG00000059336	Slc14a1	0.00	0.00	14.91	0.00	0.00

ENSMUSG00000061825	Ces2c	203.72	58.03	0.00	42.80	24.55	57.80	84.54	27.91	83.91	31.28	294.80	183.21	222.57	60.03	594.77	555.16	788.72	766.54	743.10	928.96	697.26	492.51	310.67	1185.58	929.62
ENSMUSG00000061878	Sphk1	1142.89	739.40	873.44	652.33	699.15	815.74	895.80	845.78	1244.69	468.32	1594.67	2047.78	2557.21	2260.31	2976.74	2867.25	1987.38	1809.65	1681.31	2388.76	1690.07	1573.15	2463.60	1719.65	1011.28
ENSMUSG00000061882	Ccdc62	324.27	235.36	301.83	173.27	288.50	167.48	166.23	115.92	368.28	160.21	334.51	429.81	357.04	120.06	53.16	348.74	399.55	284.19	380.58	288.39	356.65	143.86	289.78	291.66	344.55
ENSMUSG00000061906	Ugt2b38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.97	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000062007	Hsh2d	161.67	73.08	0.00	90.43	74.89	200.98	0.00	121.64	555.91	143.15	37.42	179.35	20.87	0.00	0.00	321.41	193.03	67.51	185.47	273.07	147.39	237.79	181.88	228.53	325.53
ENSMUSG00000062012	Zfp13	617.70	369.70	383.81	346.53	219.14	612.79	709.68	366.36	673.62	405.75	369.64	402.75	533.23	822.17	435.31	739.90	483.61	496.51	287.85	426.20	360.47	238.64	295.01	600.99	285.26
ENSMUSG00000062040	Zfp27	198.11	252.56	194.51	318.92	364.00	179.96	200.33	319.14	0.00	383.00	350.55	71.89	194.75	232.30	0.00	241.29	94.44	260.23	274.60	239.05	203.14	214.94	192.32	412.87	238.28
ENSMUSG00000062046	5730460C07I	17.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.26	130.64	164.61	109.62	120.68	101.80	52.93	0.00	316.75	145.47	0.00	0.00	221.04	0.00	136.48
ENSMUSG00000062082	Cd200rl4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.14	0.00	0.00	0.00	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000062151	Unc13c	122.42	440.63	0.00	0.00	27.62	0.00	0.00	52.24	0.00	0.00	325.35	109.77	104.33	78.30	162.34	172.49	85.10	37.02	0.00	156.53	117.61	0.00	25.24	63.13	0.00
ENSMUSG00000062157	Ifnlr1	504.63	553.47	574.59	640.60	793.68	1071.89	784.98	1018.23	1459.13	1515.87	107.69	51.79	55.64	15.66	242.79	58.44	131.80	270.03	234.85	134.41	286.39	526.36	667.46	525.24	741.68
ENSMUSG00000062170	Fmr1nb	0.00	0.00	0.00	0.00	10.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.00	0.00	0.00	0.00	0.00
ENSMUSG00000062201	Prl3d3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.48	35.13	0.00	0.00	0.00	0.00
ENSMUSG00000062310	Glrp1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.50	3.09	4.64	0.00	0.00	65.04	0.00	0.00	0.00	0.00	3.05	0.00	0.00	30.30	0.00
ENSMUSG00000062342	Serpinb9e	28.03	0.00	0.00	0.00	49.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.30	28.02	0.00	0.00	75.71	0.00	6.77	90.50	0.00	99.56
ENSMUSG00000062345	Serpinb2	955.06	307.37	0.00	35.90	0.00	76.19	83.12	65.83	265.72	342.23	1532.04	1275.52	1224.12	1148.43	1685.19	2246.10	4433.46	3362.33	3607.11	4091.86	8059.33	6270.61	5531.13	6977.09	6256.75
ENSMUSG00000062393	Dgkk	18.69	0.00	75.27	6.21	60.16	0.00	60.38	0.00	0.00	0.00	1689.37	1186.62	1414.23	1312.86	0.00	261.09	429.65	144.82	114.42	335.18	608.67	781.92	688.35	47.98	77.19
ENSMUSG00000062438	Adam1b	24.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.79	83.46	2.61	0.00	71.63	0.00	0.00	120.44	32.33	0.00	0.00	0.00	17.68	0.00
ENSMUSG00000062444	Ap3b2	184.10	0.00	143.09	19.33	85.32	17.73	71.75	34.35	0.00	0.00	258.14	361.78	159.97	268.84	431.00	281.82	200.29	168.77	201.13	411.74	190.93	49.08	132.27	428.02	136.48
ENSMUSG00000062478	Ctrc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.38	0.00	0.00	0.00	73.52	0.00	0.00	0.00	37.43	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000062510	Nsl1	412.11	1258.48	255.62	430.75	410.04	518.21	438.31	363.50	356.62	377.31	702.63	337.82	635.24	268.84	183.89	396.81	267.75	489.98	657.59	295.19	390.25	350.34	359.40	347.21	230.45
ENSMUSG00000062519	Zfp398	1098.97	702.86	681.91	505.99	1172.41	1048.91	511.48	1103.38	996.45	689.20	1115.81	1010.36	874.04	618.58	435.31	713.51	1342.91	774.16	1134.52	760.52	1010.38	628.75	363.75	748.72	726.02
ENSMUSG00000062524	Ncr1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.76	0.00	0.00	0.00	0.00	0.00	0.00	23.99	0.00
ENSMUSG00000062542	Syt9	26.17	0.00	0.00	48.32	0.00	9.20	0.00	0.00	0.00	52.14	71.79	50.25	67.23	33.93	0.00	6.60	22.83	0.00	93.94	102.93	72.55	113.40	82.67	26.51	51.46
ENSMUSG00000062545	Tlr12	148.59	0.00	55.89	31.06	3.68	206.89	64.65	52.95	0.00	0.00	224.54	548.86	331.53	417.61	426.69	666.38	272.94	393.07	333.61	368.35	354.36	432.43	325.46	243.68	86.14
ENSMUSG00000062556	Scgb1b2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.02	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000062563	Cys1	12.15	153.68	51.42	131.85	3.68	68.31	49.02	99.46	0.00	0.00	10.69	116.73	0.00	20.88	123.55	147.98	50.85	0.00	2.41	10.21	75.61	0.00	0.00	266.41	8.95
ENSMUSG00000062590	Armc9	404.64	754.44	310.03	366.55	572.09	721.82	222.35	339.17	149.18	600.09	504.82	666.36	412.68	615.97	853.37	399.64	675.60	335.36	380.58	590.38	397.12	288.57	273.25	400.24	771.89
ENSMUSG00000062609	Kcnj15	5651.84	5015.64	5150.47	7551.18	6289.91	7857.94	5872.77	7307.93	9028.63	6473.01	12181.47	13447.80	10940.57	11732.23	5791.14	8976.87	6456.12	5958.12	6557.83	6945.10	9705.87	10658.34	8172.25	7622.28	8656.31
ENSMUSG00000062651	H2afb1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000062694	Cav3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.28	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000062729	Ppox	1914.78	1429.36	1119.38	1078.94	1535.19	1844.95	990.99	1735.93	2372.83	1174.58	962.30	891.32	658.43	1325.91	1083.24	1175.36	1301.39	1392.62	1080.33	1462.35	1431.94	1647.62	1148.69	1178.00	958.71
ENSMUSG00000062732	Lypd4	36.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000062737	Prl3d2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.60	0.00	0.00	18.72	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000062760	1810041L15I	1401.75	1045.69	1495.73	1118.98	886.98	1516.55	1932.96	1146.31	550.09	737.55	559.05	479.28	591.19	373.24	420.94	1302.61	1322.15	595.59	708.17	654.19	969.14	776.84	803.21	1642.63	841.24
ENSMUSG00000062778	Chia1	46.72	2.15	0.00	0.00	103.74	0.00	0.71	20.04	0.00	111.87	368.12	257.42	266.62	237.52	425.25	480.70	210.67	315.76	561.24	544.45	284.86	434.12	412.49	223.48	187.94
ENSMUSG00000062785	Kcnc3	189.70	0.00	128.93	60.06	0.61	12.48	37.65	29.34	36.13	0.00	268.83	502.48	259.66	258.40	728.38	376.08	200.29	431.18	389.01	482.35	221.47	89.70	180.14	233.58	61.53
ENSMUSG00000062906	Hdac10	1155.04	702.86	462.80	846.31	1207.40	955.64	1321.32	810.72	830.96	1386.94	833.99	551.18	556.42	281.89	350.54	773.84	592.58	354.96	779.23	549.55	588.81	608.44	360.27	488.62	998.98
ENSMUSG00000062980	Cped1	0.00	0.00	0.00	40.04	0.00	0.00	30.55	0.00	0.00	0.00	0.00	0.00	2.32	0.00	0.00	53.73	83.02	88.20	0.00	62.95	61.86	10.15	0.00	31.56	107.39
ENSMUSG00000063011	Msln	11384.98	10460.09	15812.87	13943.36	18069.29	14782.56	14898.23	11179.78	14036.51	18225.48	7258.48	6685.25	4970.67	5582.92	5854.36	6376.37	11775.85	12568.45	10678.00	11496.34	12705.68	13254.60	12234.45	14815.28	13040.40
ENSMUSG00000063049	Ing2	565.37	692.11	341.33	361.03	254.74	338.25	527.82	616.09	273.88	445.56	483.44	472.33	431.22	409.78	953.94	512.75	374.64	440.98	416.71	514.67	329.92	293.64	221.91	257.57	462.01
ENSMUSG00000063060	Sox7	136.44	171.95	121.48	124.25	76.11	242.36	91.64	135.95	191.13	200.98	0.00	94.31	157.65	44.37	0.00	251.66	180.58	93.64	149.34	190.56	110.74	83.78	114.00	113.63	46.98
ENSMUSG00000063142	Kcnma1	2034.40	2873.76	2596.48	2159.95	1734.68	2449.86	1707.77	1622.87	4706.03	4022.40	1351.04	1938.01	1087.33	1263.27	2713.84	1594.80	1735.19	1922.89	1495.84	1487.87	901.93	816.62	1047.75	1592.13	2038.23
ENSMUSG00000063145	Bbs5	375.67	76.30	166.94	147.03	462.21	316.58	181.15	364.93	482.49	345.08	77.14	166.98	206.34	174.87	278.71	232.81	157.74	126.31	56.61	224.58	526.95	183.63	367.23	426.76	203.60
ENSMUSG00000063157	Csn2	8262.82	2325.66	254.88	213.30	199.49	181.28	360.17	225.40	60.60	193.39	25675.03	36548.56	37324.07	38271.34	41404.30	32564.26	20020.09	17054.46	23486.55	26963.74	18278.41	13741.18	18705.42	13177.69	12181.26
ENSMUSG00000063177	Klk1b27	0.00	0.00	0.00	20.02	0.00	0.00	0.00	0.00	0.00	0.95	29.02	81.17	13.91	167.04	293.08	69.75	69.53	185.10	0.00	248.40	112.26	58.39	141.85	114.90	70.48
ENSMUSG00000063234	Gpr84	0.00	0.00	0.00	0.00	13.50	0.00	0.00	0.00	0.00	0.00	58.81	0.00	4.64	0.00	0.00	0.00	39.44	0.00	0.00	0.00	71.02	0.00	0.00	16.41	0.00
ENSMUSG00000063239	Gnm4	612.10	0.00	103.59	40.04	117.24	0.00	0.00	12.88	0.00	0.00	1078.39	1359.00	1008.51	1234.56	1137.83	1543.90	490.88	830.78	1334.45	828.58	866.04	323.26	580.44	544.18	275.19
ENSMUSG00000063296	Tmem117	306.52	17.20	461.31	441.79	516.84	366.49	258.58	250.44	170.15	560.27	719.43	843.39	799.85	686.45	538.74	611.72	762.78	744.76	902.08	780.09	437.60	226.79	189.71	555.54	376.99
ENSMUSG00000063430	Wscd2	218.67	0.00	0.00	0.00	10.44	39.41	0.00	27.91	0.00	0.00	427.69	739.80	623.65	321.04	429.56	715.40	337.28	814.45	896.06	402.38	209.25	531.44	168.82	268.93	219.26
ENSMUSG00000063434	Sorcs3	209.33	59.11	195.26	131.85	128.90	99.18	196.78	84.44	153.84	50.24	418.52	806.28	621.33	704.72	706.83	996.28	584.28	909.18	266.17	593.79	432.25	325.80	319.37	319.44	258.41
ENSMUSG00000063446	Plppr1	95.32	0.00	296.61	53.15	65.07	151.06	215.96	103.76	107.22	164.95	227.59	287.57	412.68	433.27	0.00	254.49	339.36	344.07	155.36	119.10	287.15	78.70	230.61	195.70	21.25
ENSMUSG00000063447	Ube2d2b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.29	26.13	52.99	54.44	58.04	0.00	0.00	26.85
ENSMUSG00000063568	Jazf1	352.31	523.38	242.95	220.21	180.47	161.57	348.80	347.76	0.00	112.81	211.55	353.28	329.21	420.22	624.94	247.89	285.39	307.05	68.65	188.86	229.11	167.55	73.10	219.69	74.95
ENSMUSG00000063590	Slc22a28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.59	0.00	0.00	0.00	0.00	50.09	0.00	0.00	0.00	0.00	0.00	0.00	104.04
ENSMUSG00000063626	Unc5d	89.71	0.00	92.41	109.07	0.00	0.00	60.38	25.04	0.00	0.00	265.78	242.73	90.42	328.87	449.67	241.29	218.97	240.63	354.09	255.21	134.41	61.78	114.00	80.81	62.65
ENSMUSG00000063632	Sox11	139.24	123.59	389.77	573.64	476.95	559.59	620.88	274.77	277.37	500.55	332.99	321.58	118.24	482.86	149.41	266.74	307.19	262.41	417.92	522.33	290.97	562.75	481.23	171.71	268.48
ENSMUSG00000063651	Cnfn	114.94	0.00	0.00	24.85	0.00	36.12	14.92	7.16	0.00	0.00	81.72	222.64	484.55	130.50	113.50	150.81	496.07	347.34	91.53	246.70	476.55	417.19	420.32	526.58	299.81
ENSMUSG00000063672	Nkx6-3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.01	33.24	2.32	10.44	0.00	43.36	0.00	0.00	0.00	28.07	48.11	57.54	0.00	0.00	100.68
ENSMUSG00000063681	Crb1	20.56	0.00	10.43	0.00	0.00	0.66	0.00	0.00	0.00	0.00	34.37	134.51	48.69	60.03	561.73	62.21	59.15	78.40	59.01	131.86	95.46	0.00	0.00	25.25	0.00
ENSMUSG00000063698	Sfxn4	67.28	395.49	0.00	151.87	96.37	61.74	155.57	128.80	68.76	72.05	171.08	89.67	141.42	23.49	0.00	176.26	223.13	99.08	108.39	210.97	172.60	24.54	108.78	34.09	218.14
ENSMUSG00000063704	Mapk15	471.92	102.10	464.30	409.35	666.62	503.11	315.41	592.48	184.14	375.41	90.88	120.59	115.92	203.58	0.00	214.90	547.96	647.86	366.13	448.32	539.17	630.45	423.80	805.53	340.08
ENSMUSG00000063727	Tnfrsf11b	3515.58	869.44	729.61	938.12	802.89	959.58	689.07	953.12	966.15	859.84	8026.79	8535.13	8638.39	9140.44	6232.20	9282.26	6229.88	7548.91	6928.78	6664.37	5577.30	5212.81	4729.66	5047.85	5810.40
ENSMUSG00000063730	Hsd3b2	62.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.39	37.88	34.78	83.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.52	31.56	0.00
ENSMUSG00000063779	Chil4	915.81	483.62	74.53	33.82	69.36	193.10	350.22	248.30	220.27	129.88	1935.29	1599.42	1112.84	673.40	3006.91	1938.83	2515.61	1978.42	2543.64	3399.39	4266.79	4663.61	4000.41	2987.30	3729.67
ENSMUSG00000063810	Alms1	868.15	253.63	550.75	876.68	932.41	683.73	563.34	704.10	360.12	644.65	581.20	414.35	593.51	602.92	968.30	509.92	596.73	438.80	522.70	886.43	549.86	546.67	87.02	526.50	917.31
ENSMUSG00000063851	Rnf183	637.33	387.97	565.65	470.78	381.80	437.43	169.07	278.35	108.39	0.00	582.73	1720.01	1989.20	1461.63	2377.66	2018.01	979.68	1352.34	1869.19	1942.14	1029.47	1261.74	1124.33	782.81	990.03
ENSMUSG00000063887	Nlgn1	464.45	795.28	938.28	900.84	822.53	1342.50	580.39	812.15	289.03	463.58	676.66	263.61	350.08	258.40	353.42	664.50	482.57	370.20	178.25	353.04	494.11	316.49	668.33	852.25	441.88
ENSMUSG00000063919	Srrm4	62.61	0.00	0.00	0.00	0.00	0.00	0.00	1.43	0.00	0.00	1.53	89.67	60.28	88.74	0.00	186.63	24.91	115.42	63.83	169.29	0.00	0.00	101.82	49.24	0.00
ENSMUSG00000063932	Poteg	0.00	0.00	0.00	0.00	0.00	57.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000063935	Zar1	147.65	297.69	52.91	37.28	57.79	144.50	25.57	0.00	0.00	0.00	189.40	217.22	282.85	200.97	757.12	315.76	115.20	332.10	303.50	119.95	256.60	22.00	0.00	265.14	238.28
ENSMUSG00000063972	Nr6a1	351.37	332.08	342.07	412.80	465.90	412.47	80.98	596.05	95.57	674.98	530.03	266.70	187.79	114.84	0.00	415.67	287.47	250.43	529.93	239.05	348.25	460.35	451.65	436.86	230.45
ENSMUSG00000063975	Slco1a5	247.64	281.57	52.91	29.68	16.57	156.32	115.08	212.52	60.60	187.71	465.87	286.02	449.77	167.04	577.53	510.86	725.42	541.15	602.19	951.93	1066.89	1201.66	1107.79	1284.06	1161.19
ENSMUSG00000064063	BC048507	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000064109	Hcst	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.15	0.00	55.93	76.37	27.83	0.00	0.00	0.00	0.00	0.00	0.00	45.73	0.00	0.00	78.66	0.00	0.00	0.00
ENSMUSG00000064115	Cadm2	494.35	0.00	76.76	224.35	41.74	36.78	214.54	12.88	0.00	133.67	869.89	1314.17	1975.28	1286.76	2047.23	1438.34	729.57	398.51	787.66	711.18	664.42	880.93	573.48	330.80	225.97
ENSMUSG00000064120	Mocs1	1011.13	276.20	448.64	638.53	442.57	673.88	587.49	459.38	335.65	899.66	1452.61	1287.11	1138.34	1500.79	1578.88	1802.16	2594.49	2361.69	2155.83	2090.17	2052.83	1661.16	1898.82	1493.65	1676.90
ENSMUSG00000064158	Izumo1	871.89	1052.14	574.59	751.05	797.36	343.51	706.12	522.35	623.51	683.51	1089.08	1008.04	1210.21	1098.84	1061.69	573.07	991.09	707.74	828.61	623.56	328.39	540.74	346.35	517.66	362.45
ENSMUSG00000064202	4430402I18R	100.93	0.00	0.00	0.00	0.00	38.09	0.00	0.00	0.00	0.00	0.00	76.53	16.23	52.20	0.00	18.85	102.74	67.51	75.88	119.10	0.00	54.16	43.51	88.38	27.97
ENSMUSG00000064225	Paqr9	37.38	0.00	28.32	84.91	62.61	77.50	27.71	42.93	68.76	0.00	61.86	84.26	278.21	39.15	0.00	0.00	157.74	40.29	140.91	119.95	206.96	0.00	0.00	0.00	97.32
ENSMUSG00000064246	Chil1	1285.87	264.38	365.92	610.22	322.87	313.95	348.09	249.01	962.65	457.89	824.83	544.22	472.96	618.58	1574.57	840.76	2580.99	1999.11	1918.57	3250.52	4939.61	4435.12	2957.88	4352.16	3952.28
ENSMUSG00000064247	Plcxd1	35.51	0.00	178.12	45.56	93.30	63.71	222.35	189.62	60.60	212.35	36.66	62.62	27.82	5.22	60.34	163.06	94.44	66.42	56.61	42.53	96.99	0.00	140.98	130.05	0.00
ENSMUSG00000064264	Zfp428	169.14	223.54	807.86	435.58	446.87	553.68	225.19	357.78	313.50	714.80	211.55	235.78	185.47	255.79	211.19	98.97	38.40	117.59	165.00	144.62	272.64	381.65	376.81	195.70	208.07
ENSMUSG00000064267	Hvcn1	83.17	714.68	295.12	201.57	90.85	223.97	57.54	133.81	0.00	39.82	111.50	257.42	210.98	433.27	742.75	373.25	310.30	273.30	157.77	273.07	92.41	313.11	330.68	171.71	262.89
ENSMUSG00000064299	4921528I07R	504.63	0.00	0.00	0.69	0.00	33.50	0.00	0.00	0.00	0.00	501.01	345.55	503.09	323.65	0.00	667.33	666.26	1005.00	924.96	750.32	665.95	244.56	627.43	406.56	370.28
ENSMUSG00000064307	Lrrc51	61.68	0.00	105.83	58.68	143.02	274.54	195.36	106.62	0.00	119.45	132.89	77.30	57.96	28.71	0.00	75.40	211.71	54.44	121.64	50.19	251.26	127.78	154.03	0.00	0.00
ENSMUSG00000066027	Gm10436	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.11	29.38	11.59	5.22	0.00	114.05	0.00	1.09	1.20	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000066030	Oog2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.17	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000066090	Insl5	57.94	0.00	0.00	92.50	0.00	0.00	38.36	0.00	0.00	35.08	36.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.15	0.00	42.53	29.78	0.00	0.00	58.17
ENSMUSG00000066113	Adamtsl1	581.26	331.01	92.41	451.46	230.80	130.05	349.51	276.92	90.90	312.84	592.65	462.28	523.96	399.34	784.41	788.92	628.90	550.95	328.79	678.01	319.99	219.18	219.30	232.32	248.35
ENSMUSG00000066129	Kndc1	11301.81	5836.72	7881.84	7636.78	6208.88	3384.48	4351.83	3535.54	1932.29	2396.57	21739.54	23731.56	23766.01	23407.04	13064.91	18354.33	17584.39

ENSMUSG00000069631	Strada	1148.50	1073.63	847.36	864.95	1148.47	995.05	550.55	943.81	920.69	892.08	1217.38	769.95	737.25	999.65	706.83	805.88	1109.40	690.32	899.67	696.72	963.79	799.69	772.76	772.71	1341.29
ENSMUSG00000069633	Pex11g	239.23	131.11	87.94	174.65	82.25	163.54	280.60	141.68	149.18	0.00	416.23	85.03	190.11	73.08	0.00	121.59	89.25	102.35	372.15	97.83	258.13	684.61	120.09	142.67	322.18
ENSMUSG00000069712	4930444G20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000069713	4933406P04I	0.00	0.00	0.00	26.23	15.96	0.00	0.00	8.59	0.00	10.43	0.00	6.96	146.06	31.32	0.00	31.10	0.00	31.58	0.00	74.01	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000069763	Tmem100	0.00	84.90	0.00	64.20	19.64	43.35	98.74	36.49	192.30	69.20	0.00	61.84	6.96	91.35	201.13	20.74	47.74	0.00	0.00	23.82	0.00	49.08	0.00	22.73	71.60
ENSMUSG00000069806	Cacng7	0.00	0.00	32.05	33.13	49.11	36.78	83.12	31.48	0.00	41.71	519.34	447.59	129.83	234.91	0.00	5.66	62.27	93.64	0.00	78.26	51.17	137.94	184.49	11.36	0.00
ENSMUSG00000069814	Ccdc92b	28.97	0.00	0.00	37.28	31.92	0.00	0.00	0.00	34.96	43.61	184.82	83.49	111.28	93.96	0.00	152.69	85.10	86.02	547.99	138.66	118.37	31.31	142.72	54.29	43.63
ENSMUSG00000069910	Spdl1	976.55	1332.63	880.15	1128.64	623.65	875.51	851.75	449.37	186.47	328.01	1194.47	1847.57	1968.33	1620.85	337.61	977.43	1367.81	958.18	1173.06	1024.24	898.11	455.28	1603.82	513.88	1106.37
ENSMUSG00000069920	B3gnt9	62.61	0.00	57.38	127.02	131.36	268.63	14.21	69.41	291.36	251.22	0.00	0.00	155.33	36.54	0.00	105.57	0.00	0.00	0.00	251.71	47.64	119.90	92.24	19.14	111.11
ENSMUSG00000070034	Sp110	1326.99	777.01	790.72	860.11	1060.70	1010.16	859.57	1230.03	1017.43	1415.38	1012.70	1338.91	1173.12	1041.41	1978.27	1277.16	1059.59	1341.45	846.68	958.74	1191.37	1338.75	1294.89	676.75	709.24
ENSMUSG00000070283	Ndufaf3	418.65	651.27	578.32	419.01	453.01	392.77	389.29	329.15	516.29	153.58	869.12	817.10	922.73	428.05	1692.38	553.28	564.56	665.28	826.20	809.86	536.88	441.74	1040.79	334.59	751.75
ENSMUSG00000070291	Ddx43	31.77	0.00	92.41	0.00	0.00	32.18	0.00	0.00	0.00	0.00	50.41	0.00	20.87	57.42	0.00	74.46	212.75	145.90	0.00	102.93	0.00	0.00	0.00	107.32	6.71
ENSMUSG00000070304	Scn2b	829.83	758.74	860.03	836.64	778.34	719.19	958.31	744.17	1023.25	1121.50	446.02	567.41	331.53	542.89	191.07	471.28	451.44	538.97	843.06	391.32	465.86	291.11	524.74	604.78	1530.35
ENSMUSG00000070313	A630095E13	131.76	0.00	160.98	0.69	73.05	0.00	0.00	0.00	0.00	0.00	623.97	621.52	468.32	655.13	745.62	332.72	578.05	337.54	154.16	481.50	753.77	392.65	502.12	104.80	174.51
ENSMUSG00000070324	Fbxw22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	0.00	48.69	0.00	0.00	0.00	0.00	0.00	245.69	0.00	0.00	0.00	0.00	78.28	0.00
ENSMUSG00000070331	Qrich2	2.80	0.00	86.45	71.79	0.00	26.93	0.71	27.19	0.00	0.00	364.30	235.00	255.03	112.23	298.82	114.99	55.00	315.76	118.03	153.98	27.49	48.24	79.19	142.67	88.38
ENSMUSG00000070424	Art5	199.98	155.83	308.54	145.65	172.49	0.00	0.00	0.00	108.39	211.41	134.42	176.25	178.52	240.13	0.00	388.33	378.79	263.50	350.47	399.83	336.79	171.79	102.69	118.68	147.67
ENSMUSG00000070427	Il18bp	612.10	603.98	261.59	461.12	410.04	365.18	270.66	420.74	632.83	308.10	701.87	459.96	651.47	668.18	334.74	917.10	613.34	538.97	664.82	712.89	327.63	396.04	822.36	917.91	354.62
ENSMUSG00000070469	Adamtsl3	61.68	0.00	0.00	0.00	0.00	53.86	0.00	55.81	0.00	0.00	45.06	102.81	62.60	127.89	0.00	287.48	80.95	47.91	0.00	143.77	96.23	0.00	61.79	0.00	42.51
ENSMUSG00000070501	Ifi214	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.31	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000070509	Rgma	843.85	1256.33	1079.88	1584.93	2298.18	3194.67	2368.43	2373.49	2757.42	3183.42	120.67	114.41	180.84	28.71	0.00	100.85	325.87	247.17	381.79	380.26	743.08	1043.41	1272.26	1154.01	1254.04
ENSMUSG00000070547	Mrgprb1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.60	27.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.30	0.00
ENSMUSG00000070563	Spaca4	0.00	0.00	0.00	0.00	37.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.81	0.00	0.00	36.32	0.00	38.54	51.04	0.00	0.00	0.00	0.00	26.85
ENSMUSG00000070576	Mn1	1174.66	1062.88	1635.84	1279.12	1349.20	1711.62	1174.98	1647.20	1284.31	2168.10	2334.72	1948.83	1710.99	1727.86	485.59	1488.29	1622.07	1438.35	1676.49	1920.88	1305.93	1425.91	1073.85	1623.70	1832.39
ENSMUSG00000070661	Rnf186	55.14	0.00	0.00	42.80	0.00	0.00	36.94	25.04	0.00	0.00	236.76	126.78	97.37	83.52	0.00	296.90	199.26	372.38	396.24	192.26	320.75	462.04	387.25	459.58	307.64
ENSMUSG00000070686	C87414	21.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000070691	Runx3	1803.58	573.89	947.97	658.55	457.30	531.35	336.01	340.60	403.24	184.86	4946.67	5649.38	4998.49	7219.43	3735.29	3816.40	2392.12	3020.43	2608.68	3607.81	2439.26	2875.51	2903.06	1751.22	1363.67
ENSMUSG00000070708	Gtsf1l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.04	0.00	58.78	57.28	0.00	0.00	0.00	0.00	0.00	11.42	0.00	0.00	26.37	32.84	0.00	34.81	0.00	0.00
ENSMUSG00000070709	Zfp974	334.55	333.16	280.22	176.72	408.81	239.07	274.92	194.63	26.81	558.38	71.03	412.80	609.74	443.71	0.00	371.37	223.13	259.14	267.37	355.59	562.85	501.82	107.91	219.69	50.34
ENSMUSG00000070777	Ceacam20	128.96	267.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.12	46.38	53.32	52.20	287.33	164.00	290.58	219.95	124.05	339.43	340.61	56.70	426.41	47.98	89.49
ENSMUSG00000070802	Pnmal2	6248.98	6605.13	8695.66	6646.20	8654.99	5575.56	5872.06	5619.23	5556.80	4300.17	7861.06	9750.35	7453.69	6441.63	4965.07	6061.56	5413.13	7730.75	7191.33	6528.26	2592.00	4276.88	3682.78	2959.52	3966.82
ENSMUSG00000070806	Zmynd12	26.17	184.85	35.77	31.75	37.44	0.00	0.00	27.19	94.40	0.00	88.59	170.84	104.33	336.70	202.57	84.83	111.04	29.40	0.00	72.31	101.57	0.00	9.57	123.73	55.93
ENSMUSG00000070808	Bicra	1616.68	970.46	1485.30	1295.00	1516.16	1311.63	1120.28	1358.12	1414.84	1083.57	1497.67	1393.79	1205.57	1513.84	794.47	1160.28	1891.90	1500.42	1878.83	1735.42	2275.06	1189.81	2615.89	1506.27	1863.71
ENSMUSG00000070822	Zscan18	185.96	212.79	156.50	89.05	254.13	88.67	9.95	125.22	414.90	149.79	96.23	115.18	190.11	266.23	0.00	26.39	64.34	133.93	319.16	179.50	12.98	167.55	0.00	166.66	237.16
ENSMUSG00000070880	Gad1	485.00	375.07	0.00	65.58	19.03	0.00	0.00	0.00	0.00	0.00	1886.41	1552.26	1553.33	2171.57	1680.88	1745.61	1574.33	1089.93	940.62	1397.70	1042.45	797.15	947.67	393.93	389.30
ENSMUSG00000070883	Ccdc173	157.93	366.47	29.07	56.60	96.37	92.61	13.50	168.15	202.79	130.83	288.69	366.42	287.48	250.57	298.82	407.18	440.02	78.40	168.61	443.21	232.93	195.48	62.66	406.56	162.21
ENSMUSG00000070942	Il1rl2	2117.57	2174.13	1217.00	1421.33	2142.26	2405.85	1607.60	1788.88	3044.12	2696.14	1845.17	1505.11	1884.87	1680.88	1073.18	2199.92	2899.60	2465.13	3920.25	2994.46	2811.95	2688.49	2525.38	3175.42	3381.76
ENSMUSG00000070979	Actl7a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000070999	Ccin	0.00	0.00	39.50	0.00	0.00	0.00	85.96	0.00	0.00	0.00	28.26	20.10	48.69	0.00	0.00	8.48	0.00	49.00	0.00	0.00	26.73	0.00	39.16	69.44	73.83
ENSMUSG00000071005	Ccl19	85.04	365.40	1015.79	1403.38	1389.71	1429.85	986.02	976.73	461.51	617.15	495.66	665.59	526.28	725.60	265.78	241.29	145.29	82.75	67.45	262.87	1017.25	512.82	798.86	159.09	315.47
ENSMUSG00000071019	Sdr16c6	23.36	130.04	0.00	0.00	0.00	29.84	0.00	0.00	0.00	0.00	0.00	42.52	9.27	0.00	0.00	0.00	182.65	160.06	72.26	213.53	584.23	363.88	403.78	450.75	308.75
ENSMUSG00000071073	Lrrc73	50.46	0.00	158.74	44.18	39.29	34.15	108.69	26.48	0.00	0.00	164.20	106.68	55.64	253.18	163.78	106.51	122.46	99.08	43.36	66.35	69.50	135.40	362.88	111.11	0.00
ENSMUSG00000071103	1700029J07F	394.36	508.34	259.35	202.95	314.28	267.97	305.47	257.60	123.54	392.48	276.47	39.43	111.28	198.36	0.00	210.19	245.96	351.69	295.07	182.05	310.06	85.47	322.85	270.20	267.36
ENSMUSG00000071104	Ccdc110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.32	70.47	0.00	34.87	0.00	28.31	0.00	0.00	12.22	0.00	0.00	29.04	0.00
ENSMUSG00000071138	Tex24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.91	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000071178	Serpina1b	97.19	0.00	67.82	0.00	1.84	0.00	0.00	10.73	0.00	0.00	0.00	48.69	0.00	0.00	0.00	24.51	59.15	127.39	0.00	117.40	81.72	123.55	80.06	53.03	0.00
ENSMUSG00000071229	Timm8a2	0.00	0.00	0.00	89.74	23.33	0.00	0.00	0.00	0.00	0.00	0.00	44.05	86.13	307.44	74.46	212.75	145.90	0.00	28.07	35.13	0.00	0.00	21.46	42.51	0.00
ENSMUSG00000071335	Mfsd4b3	0.00	83.83	0.00	0.00	0.00	49.26	0.00	7.16	16.32	0.00	0.00	17.01	102.01	0.00	0.00	38.64	103.78	0.00	150.55	22.97	5.35	128.63	0.00	69.44	46.98
ENSMUSG00000071424	Grid2	189.70	0.00	70.80	0.00	0.00	0.00	0.00	0.72	0.00	0.00	229.12	78.08	257.34	182.70	610.58	265.80	146.33	189.46	257.74	234.79	156.56	269.95	171.43	40.40	70.48
ENSMUSG00000071452	Gm11397	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000071454	Dtnb	1334.46	2078.48	1760.30	1154.18	2030.55	1860.71	1591.98	1415.36	1791.27	1570.85	688.12	747.53	980.69	1111.89	146.54	1103.73	689.10	1275.03	965.91	986.81	1008.85	1018.02	757.09	1199.46	1113.08
ENSMUSG00000071470	Ccnb1ip1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	155.04	34.01	2.32	65.25	0.00	0.00	48.78	0.00	0.00	0.00	0.00	0.00	0.00	77.02	77.19
ENSMUSG00000071506	Tmem139	0.00	0.00	90.92	11.74	84.09	91.95	44.75	57.96	59.44	29.39	52.70	0.00	0.00	49.59	0.00	31.10	157.74	99.08	0.00	46.79	143.58	61.78	0.00	75.76	67.12
ENSMUSG00000071551	Akr1c19	95.32	177.33	0.00	0.00	0.00	0.00	0.00	33.63	0.00	0.00	225.30	421.31	456.73	214.03	0.00	431.69	553.14	204.70	378.17	427.05	190.93	352.03	108.78	176.76	540.32
ENSMUSG00000071553	Cpa2	371.00	475.02	465.79	733.79	338.22	286.36	407.76	305.54	142.18	192.45	163.44	136.06	125.19	10.44	0.00	283.71	104.82	112.15	60.22	109.74	140.52	223.41	174.91	46.72	126.41
ENSMUSG00000071573	Rnls	56.07	144.01	133.40	209.16	56.47	182.59	61.80	87.30	252.90	91.96	207.73	204.08	241.11	138.33	206.88	256.37	113.12	107.79	266.17	309.65	228.35	133.71	53.95	66.92	127.53
ENSMUSG00000071636	Rimbp3	251.38	0.00	9.93	80.07	71.82	153.03	0.00	32.92	0.00	232.26	0.00	82.72	18.55	20.88	0.00	23.56	50.85	0.00	44.56	62.95	106.15	116.78	73.10	47.98	0.00
ENSMUSG00000071645	Tut1	710.22	1316.51	732.59	336.18	441.34	981.91	1089.73	658.31	850.77	385.84	663.68	453.00	310.67	318.43	224.12	857.72	717.12	291.81	804.52	813.27	662.13	1017.18	362.01	387.62	796.50
ENSMUSG00000071648	Rom1	252.31	220.31	181.10	125.63	164.51	262.72	18.47	119.05	199.29	373.52	391.79	344.78	227.20	401.95	405.14	684.29	370.22	667.46	1000.84	497.66	218.42	381.65	543.89	251.26	535.85
ENSMUSG00000071658	Gng3	0.00	0.00	0.00	37.97	0.00	14.45	86.67	55.10	0.00	92.90	0.00	0.00	9.27	10.44	0.00	42.41	26.98	11.98	0.00	43.39	0.00	87.16	0.00	26.51	0.00
ENSMUSG00000071661	Zbtb3	115.88	62.33	73.78	41.42	40.51	0.00	134.97	24.33	0.00	73.94	45.82	105.13	81.14	114.84	0.00	128.19	287.47	84.93	163.80	36.58	60.33	89.70	159.25	142.67	104.04
ENSMUSG00000071669	Snx29	1799.84	1235.91	1105.22	1320.54	937.32	627.90	591.75	888.00	1191.08	1061.77	2983.89	3125.40	2976.84	4285.72	2330.25	2676.85	2458.53	2531.55	2766.45	3265.83	1425.07	1700.93	2186.00	1751.22	1597.47
ENSMUSG00000071711	Mpst	712.09	1010.22	837.67	1113.45	1041.05	1471.23	983.89	792.12	1117.65	557.43	456.71	641.62	438.18	582.04	472.66	622.08	591.54	534.62	751.53	831.13	731.63	1207.58	855.43	896.44	644.36
ENSMUSG00000071713	Csf2rb	4740.70	2863.01	4430.55	4155.60	4920.46	4570.00	3728.82	4205.30	3993.95	6907.20	7444.83	7659.28	7064.19	7125.47	8579.68	7141.72	8042.91	8670.41	8765.45	10673.71	10038.84	8039.24	6790.34	8473.27	9653.05
ENSMUSG00000071714	Csf2rb2	2709.11	1655.04	2096.41	1853.45	2074.74	1251.20	1694.98	1821.08	752.87	1110.12	2498.16	3177.19	3301.41	2654.43	4085.84	3855.98	4066.08	3847.95	3250.61	5320.27	5258.84	4548.52	3177.18	3648.90	3714.00
ENSMUSG00000071716	Apol7e	106.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.50	0.00	0.00	0.00	166.65	39.59	43.59	86.02	0.00	11.91	0.00	0.00	107.04	0.00	33.56
ENSMUSG00000071722	Spin4	111.21	41.91	251.15	91.12	132.59	66.99	66.78	50.09	90.90	0.00	0.00	44.84	4.64	2.61	0.00	14.14	38.40	0.00	0.00	74.86	0.00	69.39	0.00	83.33	114.10
ENSMUSG00000071724	Smpd5	85.04	67.71	0.00	0.00	0.00	49.26	32.68	20.04	0.00	136.51	0.00	42.52	2.32	0.00	119.24	143.27	61.23	160.06	77.08	44.24	84.77	82.08	0.00	50.50	151.02
ENSMUSG00000071738	Cldn34b3	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000071745	DXBay18	0.00	0.00	0.00	18.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000071749	4933412E24I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.47	0.00	44.37	0.00	0.00	0.00	0.00	0.00	17.86	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000071771	Rhox4b	68.22	1.07	77.51	34.51	60.77	7.22	0.00	73.70	0.00	0.00	0.00	0.00	4.64	0.00	0.00	55.61	38.40	0.00	0.00	10.21	0.00	11.85	62.66	0.00	59.29
ENSMUSG00000071862	Lrrtm2	28.03	69.86	0.00	0.00	0.00	55.41	0.00	0.00	0.00	0.00	231.41	82.72	0.00	7.83	0.00	45.24	0.00	81.66	0.00	9.36	66.44	181.94	215.82	1.26	0.00
ENSMUSG00000071937	Adam25	46.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.06	0.00	15.66	0.00	45.24	117.27	0.00	0.00	0.00	0.00	0.00	0.00	23.99	0.00
ENSMUSG00000072082	Ccnf	658.82	1281.05	514.97	481.14	656.80	715.91	709.68	411.44	870.58	300.52	446.78	508.66	447.45	542.89	599.08	303.50	493.99	805.74	314.34	427.05	241.33	354.57	204.50	344.69	510.12
ENSMUSG00000072100	Cldn34b1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.53	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000072244	Trim6	38.31	1.07	57.38	0.00	60.16	11.82	29.84	22.90	0.00	22.75	315.42	126.78	185.47	62.64	423.81	192.28	97.55	37.02	107.19	182.05	249.73	450.20	43.51	190.65	25.73
ENSMUSG00000072295	C2cd6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	187.11	22.42	23.18	0.00	139.36	98.03	49.81	50.09	65.04	41.68	57.28	0.00	0.00	0.00	0.00
ENSMUSG00000072381	Gm10355	0.93	0.00	0.00	0.00	0.00	0.00	0.71	0.00	1.17	0.00	0.00	0.77	4.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00
ENSMUSG00000072437	Nanos1	143.91	76.30	160.98	123.56	82.25	111.66	67.49	84.44	0.00	0.00	206.21	681.82	440.50	174.87	0.00	201.71	159.82	424.65	120.44	209.27	437.60	138.78	161.86	65.65	11.19
ENSMUSG00000072479	Xlr5b	0.00	103.17	0.00	0.00	0.00	0.00	29.84	30.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.27	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000072605	Gm10376	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.42	0.00	0.00	4.31	0.00	0.00	0.00	0.00	53.59	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000072620	Slfn2	20.56	0.00	1301.22	936.74	980.90	1802.25	1423.61	2045.76	78.08	168.75	819.48	481.60	456.73	542.89	192.51	82.00	124.54	114.33	40.95	85.92	1884.05	1830.41	2681.15	146.46	246.11
ENSMUSG00000072647	Adam1a	114.01	12.90	22.36	70.41	119.08	58.46	41.91	61.54	85.08	31.28	0.00	13.14	51.01	33.93	80.45	107.45	57.08	16.33	0.00	18.72	41.24	0.00	171.43	89.64	23.49
ENSMUSG00000072663	Spef2	54.20	179.48	0.00	66.96	138.73	0.00	168.36	70.12	95.57	0.00	295.56	130.64	398.77	368.02	860.55	463.74	465.97	170.95	244.49	631.22	410.87	144.71	215.82	367.41	107.39
ENSMUSG00000072664	Ugt3a1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	7.54	0.00	0.00	0.00	91.88	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000072694	1500011B03I	385.95	811.40	198.24	147.03	352.95	142.53	203.88	224.68	388.09	512.87	55.75	95.08	76.51	153.99	160.90	371.37	509.56	252.61	478.14	376.01	75.61	148.09	234.09	650.24	687.99
ENSMUSG00000072726	Gm5797	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	99.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000072769	Gm10419	118.68	0.00	0.00	13.81	0.00	0.00	0.00	0.00	32.63	49.30	0.00	45.61	41.73	0.00	0.00	0.00	43.59	70.77	32.52	11.06	0.00	0.00	0.00	23.99	0.00
ENSMUSG00000072770	Acrbp	299.04	339.61	90.18	78.00	282.98	152.38	190.38	244.00	193.46	214.25	80.19	156.93	16.23	36.54	887.85	68.81	107.93	117.59	168.61	168.44	376.50	38.08	0.00	325.75	101.80
ENSMUSG00000072878	1700123L14I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.52	0.00	0.00	0.00	4.71	0.00	0.

ENSMUSG00000074445	Spnr2a3	961.60	1768.96	2430.28	3197.47	2195.05	1521.15	2901.93	3671.50	1145.62	811.50	154.27	250.46	125.19	143.55	0.00	104.62	563.52	188.37	15.66	118.25	688.86	1091.64	1354.94	609.83	956.47
ENSMUSG00000074461	Gm10699	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000074476	Spc24	847.59	921.02	728.12	521.18	509.48	440.05	740.22	562.42	597.87	533.73	327.64	328.54	619.02	511.57	814.58	203.59	295.77	547.69	517.88	198.21	384.91	432.43	502.99	373.73	200.24
ENSMUSG00000074480	Mex3a	2443.71	2500.84	3434.89	3447.36	3597.04	2407.82	2488.48	2895.84	2952.05	2678.13	1721.44	2644.57	1571.88	2547.42	2682.23	1531.65	1386.49	2515.21	2234.12	1549.97	1574.75	1015.48	1380.17	1559.30	1230.54
ENSMUSG00000074486	Bglap2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.82	34.78	7.83	0.00	11.31	20.76	0.00	0.00	40.83	44.29	0.00	69.62	0.00	0.00
ENSMUSG00000074489	Bglap3	175.69	437.40	0.00	42.11	0.00	0.00	17.76	15.74	0.00	0.00	542.25	163.11	236.48	164.43	794.47	240.35	743.06	528.09	609.41	666.10	780.50	845.39	576.96	747.46	553.74
ENSMUSG00000074500	Zfp558	287.83	0.00	139.36	133.23	47.88	53.20	53.28	87.30	217.94	57.83	42.01	112.86	34.78	2.61	224.12	2.83	32.17	87.11	1.20	0.00	0.00	66.85	12.18	108.58	138.72
ENSMUSG00000074505	Fat3	341.09	411.61	999.39	830.43	1122.08	1567.78	1141.59	1610.71	3147.84	1286.45	198.57	129.87	115.92	10.44	0.00	163.06	467.01	226.48	257.74	327.52	378.80	269.10	409.00	819.42	498.93
ENSMUSG00000074527	Gm14296	13.08	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	0.00	0.00	204.00	0.00	0.00	0.00	14.45	0.00	50.40	0.00	0.00	35.35	0.00
ENSMUSG00000074570	Cass4	84.10	124.67	9.69	49.70	49.72	35.47	165.52	20.04	0.00	58.78	317.71	493.20	403.40	407.17	1067.43	375.14	322.75	284.19	763.57	369.20	371.92	225.10	179.27	130.05	46.98
ENSMUSG00000074576	Mocs3	96.25	320.26	172.90	100.78	290.34	483.40	220.22	208.23	157.33	182.97	368.12	313.08	143.74	156.60	155.16	262.97	166.05	80.57	137.30	298.60	125.25	290.26	505.60	393.93	256.18
ENSMUSG00000074619	1700034I23R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000074635	3110070M22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.17	0.00	0.00	31.31	13.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.57	0.00	0.00	108.78	31.56	0.00
ENSMUSG00000074673	Ttll9	382.21	0.00	33.54	0.00	0.00	0.00	0.00	85.87	0.00	73.00	1508.36	803.19	832.31	798.68	1854.72	1304.49	1095.91	725.17	1293.50	903.44	381.85	566.13	254.98	458.32	271.84
ENSMUSG00000074676	Foxs1	149.52	542.73	169.17	149.79	112.33	141.21	218.09	233.27	110.72	314.74	274.94	222.64	292.12	99.18	311.75	541.97	399.55	425.74	127.66	455.12	446.00	111.70	102.69	87.12	164.45
ENSMUSG00000074677	Sirpb1c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000074695	Il22	120.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	177.19	210.27	122.88	394.12	521.50	177.20	357.00	307.05	468.50	473.84	263.48	153.17	278.47	155.30	297.57
ENSMUSG00000074736	Syndig1	59.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.33	159.25	173.88	289.72	525.81	358.17	288.51	168.77	277.01	130.16	24.44	181.94	0.00	11.36	512.35
ENSMUSG00000074764	Sel1l2	306.52	1.07	172.90	111.83	249.83	106.40	0.00	191.77	0.00	275.87	573.56	485.47	697.84	548.11	204.00	404.36	531.35	256.97	236.06	220.33	302.43	262.33	221.91	358.58	272.96
ENSMUSG00000074771	Ankef1	26.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.71	0.00	64.94	0.00	0.00	0.00	0.00	90.29	45.73	0.00	17.01	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000074796	Slc4a11	1216.72	1373.47	2538.35	3223.70	4371.69	5986.72	3522.10	4998.13	7576.50	5954.45	976.81	943.11	781.30	929.18	1152.19	1133.89	2078.70	1795.49	1280.25	1513.39	2583.60	1585.00	2043.28	2364.84	3180.40
ENSMUSG00000074825	Itprip1	210.26	631.93	134.15	277.50	227.12	192.44	427.65	289.80	382.26	400.06	417.00	353.28	213.29	88.74	176.71	530.66	259.45	240.63	440.80	451.72	289.44	234.41	87.89	477.26	708.12
ENSMUSG00000074870	Cts3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.27	0.00	0.00	0.00	0.00
ENSMUSG00000074881	Mageb3	0.00	0.00	0.00	0.00	0.00	0.00	56.83	0.00	0.00	0.00	0.00	0.00	0.00	13.05	0.00	0.00	0.00	0.00	0.00	0.00	44.29	0.00	0.00	0.00	0.00
ENSMUSG00000074892	B3galt5	1343.81	1884.61	702.03	760.02	524.21	202.29	670.60	362.78	0.00	271.13	1954.38	2178.43	1142.98	1062.30	3741.04	2407.28	2552.97	2436.82	2244.96	2583.57	2156.69	1621.39	1418.46	2326.96	2531.56
ENSMUSG00000074923	Pak6	103.73	299.84	93.16	96.64	11.66	70.93	137.10	195.35	27.97	84.37	437.62	529.53	431.22	545.50	195.38	424.15	518.90	273.30	226.42	334.32	507.10	578.83	653.54	441.91	447.47
ENSMUSG00000074934	Grem1	572.85	149.38	210.91	175.34	75.50	95.24	260.00	340.60	0.00	181.07	1371.66	1503.56	1391.05	1769.62	1070.31	1509.97	1424.89	1113.88	1595.80	2520.62	2464.46	1494.45	1875.33	1834.55	2730.69
ENSMUSG00000075040	Zfp408	1240.08	1144.56	962.13	739.31	1087.09	781.59	578.97	608.93	674.79	1158.47	1208.22	761.44	1027.06	1636.51	1277.18	863.38	1254.69	1279.38	998.43	678.01	823.27	632.14	1106.92	1025.23	960.94
ENSMUSG00000075122	Cd80	2301.67	321.34	0.00	62.82	148.55	118.88	21.31	55.81	97.90	282.51	3038.11	4065.42	3579.62	3935.97	5518.18	7813.76	5610.32	5126.25	4854.84	5942.13	3438.18	1394.60	2278.24	3212.04	3397.42
ENSMUSG00000075217	4833423E24I	780.31	741.55	786.25	567.43	492.29	409.84	311.86	371.37	388.09	793.48	634.66	848.02	1001.55	574.21	959.68	1222.49	2352.68	1478.64	1959.52	3616.32	3991.10	3628.66	1588.16	3167.85	3463.42
ENSMUSG00000075227	Znht2	328.01	326.71	310.03	122.87	307.53	389.48	541.31	679.06	529.11	207.61	282.58	358.69	945.91	464.59	235.61	292.19	327.94	285.28	313.14	448.32	142.81	640.60	321.98	492.41	242.75
ENSMUSG00000075271	Ttc30a1	164.47	195.60	49.19	165.67	107.42	116.25	28.42	183.90	173.65	50.24	0.00	57.98	303.71	227.08	290.20	0.00	80.95	104.53	162.59	160.78	154.27	103.24	63.53	204.54	155.50
ENSMUSG00000075289	Cams1	0.00	0.00	90.18	149.79	32.53	91.29	130.71	62.25	0.00	0.00	208.50	114.41	268.94	279.28	0.00	3.77	0.00	0.00	0.00	0.00	410.11	120.17	164.47	0.00	0.00
ENSMUSG00000075304	Sp5	0.00	0.00	1.49	0.00	0.00	42.69	0.00	63.68	59.44	82.48	10.69	31.69	34.78	0.00	0.00	0.00	0.00	0.00	0.00	14.46	35.89	0.00	13.05	1.26	0.00
ENSMUSG00000075307	Kbtd1	162.60	87.05	1100.74	793.15	351.72	0.00	299.07	49.37	0.00	0.00	80.96	215.68	173.88	274.06	0.00	266.74	210.67	201.43	355.29	136.11	118.37	70.24	208.85	229.79	83.90
ENSMUSG00000075316	Scn9a	414.92	164.43	0.00	0.00	0.00	0.00	0.00	29.34	0.00	0.00	2324.79	3346.49	2230.31	2497.83	1752.72	2310.29	1246.39	1305.52	2258.21	1337.30	762.17	929.17	355.05	511.35	590.66
ENSMUSG00000075318	Scn2a	703.68	312.74	218.36	291.31	286.04	42.69	129.29	7.87	90.90	0.00	78.66	109.00	4.64	167.04	248.54	76.35	193.03	226.48	137.30	278.18	139.76	122.70	137.50	205.80	106.27
ENSMUSG00000075324	Fign	0.00	137.56	107.32	0.00	20.26	32.84	53.28	24.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.19	100.67	82.75	0.00	15.31	0.00	0.00	50.47	133.83	64.88
ENSMUSG00000075330	A930003A15	0.00	0.00	102.10	0.00	0.00	70.28	36.94	45.80	0.00	0.00	167.26	80.40	9.27	60.03	0.00	77.29	67.46	216.68	107.19	43.39	0.00	165.86	0.00	106.06	0.00
ENSMUSG00000075334	Rpm	472.86	0.00	0.00	20.71	55.24	59.77	0.00	37.21	0.00	50.24	1811.56	2532.48	2441.28	1774.84	3368.95	2277.21	880.05	1288.09	1499.45	1507.44	762.94	1092.49	967.69	487.36	532.49
ENSMUSG00000075370	Igll1	30.84	0.00	51.42	54.53	0.00	19.05	80.98	0.00	0.00	113.76	193.22	88.13	71.87	182.70	517.19	34.87	16.60	140.46	28.91	89.32	45.06	161.63	7.83	27.78	50.34
ENSMUSG00000075410	Prcd	38.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.41	14.69	2.32	23.49	137.92	136.67	0.00	223.21	340.84	50.19	92.41	0.00	0.00	111.11	53.70
ENSMUSG00000075420	Smim6	34.58	226.76	0.00	75.24	0.00	51.89	0.00	0.00	0.00	0.00	55.75	34.79	55.64	91.35	0.00	35.82	131.80	131.75	0.00	297.74	190.16	24.54	201.02	63.13	362.45
ENSMUSG00000075478	Slitrk1	0.00	0.00	96.14	0.00	56.47	0.00	70.33	22.90	0.00	0.00	46.59	109.00	13.91	143.55	0.00	0.00	65.38	0.00	55.40	17.01	0.00	63.47	0.00	29.04	0.00
ENSMUSG00000075502	Kbtbd6	0.00	0.00	35.03	28.30	95.14	0.66	61.80	49.37	0.00	0.00	108.45	0.00	20.87	0.00	0.00	42.41	52.93	45.73	31.31	0.00	35.89	38.08	87.89	84.59	0.00
ENSMUSG00000075511	1700001L05I	324.27	457.82	40.24	102.16	82.25	0.00	57.54	54.38	0.00	94.80	162.67	247.37	445.13	195.75	320.37	647.53	304.07	443.16	704.56	604.00	119.14	53.31	188.84	459.58	161.09
ENSMUSG00000075515	Cyp3a41a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.27	0.00	0.00	0.00	13.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000075552	Cyp3a41b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.73	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000075600	Zc3h3	171.95	198.82	162.47	243.68	281.75	161.57	284.15	163.86	279.70	175.38	69.50	266.70	301.39	281.89	370.66	119.70	248.03	217.77	431.17	255.21	433.78	132.86	281.95	220.95	163.33
ENSMUSG00000076433	Cep295nl	0.00	0.00	0.00	0.00	0.00	17.73	0.00	37.92	0.00	0.00	0.00	33.24	0.00	0.00	25.86	0.00	0.00	11.98	0.00	0.00	0.00	0.00	0.00	20.20	128.65
ENSMUSG00000076436	Oxct2a	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.55	11.60	51.01	28.71	0.00	0.00	0.00	32.67	3.61	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000076438	Oxct2b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.02	0.00	0.00	0.00	0.00	0.00	57.08	0.00	0.00	0.00	0.00	52.47	0.00	0.00	0.00
ENSMUSG00000076937	Igkc2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.23	0.00	18.27	285.89	17.91	0.00	66.42	0.00	0.85	0.00	86.32	0.00	0.00	93.97
ENSMUSG00000078127	Fam170b	30.84	0.00	0.00	0.00	28.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.69	26.10	0.00	0.00	0.00	0.00	0.00	22.97	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000078129	Actl10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.58	0.00	0.00	29.79	0.00	9.27	0.00	0.00	49.01	0.00	33.75	34.93	0.00	0.00	0.00	0.00	8.84	0.00
ENSMUSG00000078137	Ankxd63	146.72	193.45	158.74	17.26	362.77	61.74	104.43	36.49	0.00	52.14	0.00	0.00	74.19	67.86	0.00	1.89	381.91	267.85	345.66	415.99	119.90	86.32	161.86	150.25	168.92
ENSMUSG00000078179	Rnf148	37.38	0.00	0.00	0.00	0.00	0.00	0.00	10.02	0.00	0.00	0.00	0.00	0.00	2.61	0.00	0.00	0.00	30.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000078234	Klhdc7a	2727.80	1030.64	1802.03	2124.05	1991.26	1865.96	1449.90	1448.28	2347.19	1659.02	1477.82	1919.46	1627.52	1286.76	1501.30	2568.46	3467.27	3658.49	4053.93	3515.09	2865.40	2078.36	1874.46	3804.20	3865.03
ENSMUSG00000078349	AW011738	686.86	602.91	340.58	566.74	486.77	493.91	298.36	460.82	1327.77	599.14	22.15	71.89	85.78	26.10	0.00	183.80	266.71	82.75	128.87	334.32	84.77	91.39	372.45	633.82	866.97
ENSMUSG00000078442	Ccdc105	42.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.44	68.49	11.98	0.00	38.28	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000078452	Raet1d	38.31	0.00	90.18	61.44	160.82	97.21	46.89	73.70	0.00	26.54	62.63	37.11	20.87	135.72	0.00	51.84	110.01	222.12	9.64	45.09	25.20	97.32	120.96	34.09	124.17
ENSMUSG00000078485	Plekhn1	2723.13	3280.00	886.11	831.12	889.44	1297.83	1120.28	852.94	3167.65	2579.53	257.38	396.57	433.54	250.57	745.62	1939.77	2375.51	1633.26	1842.70	1779.66	1926.05	1286.28	1146.95	3546.63	1456.52
ENSMUSG00000078486	Perm1	548.55	500.81	272.02	245.75	413.72	618.05	721.75	558.13	321.66	437.03	456.71	263.61	273.57	331.48	133.61	657.90	993.17	660.92	581.71	419.39	901.93	781.08	589.14	829.52	702.53
ENSMUSG00000078521	Aunip	117.75	65.56	58.13	0.00	89.01	223.31	36.94	95.88	0.00	50.24	0.00	150.74	4.64	80.91	0.00	0.00	31.13	0.00	50.58	61.25	0.00	0.00	38.29	11.36	0.00
ENSMUSG00000078554	Fam229a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.00	84.77	38.65	57.96	44.37	135.05	45.24	142.18	65.33	77.08	46.79	7.64	126.09	38.29	6.31	31.32
ENSMUSG00000078588	Ccdc24	56.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.61	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000078593	1700042G07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.05	0.00	0.00	214.06	0.00	0.00	0.00	0.00	29.77	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000078597	Cyp4a12b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.47	0.00	0.00	0.00	0.00	0.00	2.61	0.00	0.00	0.00	18.51	0.00	62.10	93.94	0.00	0.00	16.41	0.00
ENSMUSG00000078653	Cntd1	4.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.59	0.00	0.00	0.00	18.27	0.00	74.46	40.47	13.07	85.51	51.04	31.31	0.00	0.00	5.05	0.00	0.00
ENSMUSG00000078664	Spnr2a1	0.00	0.00	70.80	0.00	26.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.41	0.00
ENSMUSG00000078716	Tmem8b	413.05	404.09	740.04	354.12	484.93	411.16	350.22	283.36	188.80	402.90	199.33	259.74	361.67	255.79	446.80	396.81	227.28	287.45	325.18	227.99	449.06	158.25	337.65	185.60	406.08
ENSMUSG00000078722	Gm12394	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.11	41.74	25.50	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000078768	Zfp566	201.85	331.01	239.23	176.03	346.81	231.19	39.78	198.21	159.66	352.66	0.00	17.01	76.51	46.98	0.00	33.93	40.47	139.37	27.70	61.25	32.08	35.54	253.23	133.83	223.74
ENSMUSG00000078794	Dact3	124.29	99.95	145.33	119.42	84.71	84.07	79.56	27.91	68.76	61.62	87.07	336.27	180.84	135.72	129.30	237.52	126.61	195.99	150.55	190.56	93.17	165.02	33.94	50.50	30.20
ENSMUSG00000078815	Cacng6	0.00	0.00	31.30	7.59	23.94	0.00	0.00	0.00	0.00	0.00	0.00	7.73	48.69	31.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000078894	2210418O10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.26	0.00
ENSMUSG00000078937	Cpt1b	0.00	0.00	0.00	16.57	0.00	0.00	2.86	0.00	0.00	0.00	20.62	17.01	13.91	0.00	0.00	0.00	0.00	56.62	0.00	0.00	0.00	0.00	0.00	29.04	0.00
ENSMUSG00000078938	Syce3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000078954	Arhgap8	2134.39	2935.02	1872.83	2179.97	2570.10	1638.71	1621.10	1912.67	2177.03	1922.56	1655.76	2039.28	2311.45	2544.81	2761.24	1682.46	2239.56	1588.61	2378.64	1383.24	1030.23	1095.88	1989.33	2052.98	1382.68
ENSMUSG00000078964	Ces1b	229.89	306.29	913.69	809.03	829.90	1528.37	934.16	870.83	1136.30	1194.49	0.00	85.78	120.06	0.00	0.00	38.40	182.92	87.92	55.30	327.63	191.25	292.39	600.99	483.27
ENSMUSG00000078994	Zfp429	349.50	112.84	30.56	200.19	122.15	141.87	93.77	187.47	128.20	73.94	259.67	115.18	169.24	237.52	311.75	188.51	326.91	350.61	457.66	296.04	281.81	281.80	111.39	263.88	142.07
ENSMUSG00000079012	Serpina3m	65.41	0.00	0.00	0.00	9.82	0.00	0.00	0.00	0.00	0.00	0.00	31.69	0.00	80.91	0.00	0.00	33.21	23.95	0.00	11.91	24.44	0.00	0.00	0.00	86.14
ENSMUSG00000079015	Serpina1c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.98	0.00	0.00	0.00	32.17	0.00	0.00	0.00	0.00	61.78	0.00	0.00	0.00
ENSMUSG00000079019	Insl3	45.79	0.00	17.14	138.75	216.68	220.68	32.68	128.80	251.73	60.67	46.59	34.79	2.32	2.61	0.00	0.00	11.42	62.06	0.00	53.59	73.32	0.00	0.00	118.68	81.66
ENSMUSG00000079022	Col22a1	1507.34	989.80	2178.39	1732.65	1505.11	1413.43	1755.37	1220.02	2124.59	1626.78	1543.50	1819.74	1548.70	1759.18	877.79	1078.28	1440.46	1359.96	1351.31	1319.43	856.87	714.22	931.14	606.05	611.92
ENSMUSG00000079056	Kcnip3	2423.15	1371.32	2739.57	2476.79	1969.16	2700.10	1995.48	2241.82	3490.48	3150.24	1996.39	2152.14	1738.81	1996.70	965.43	1855.89	2504.20	2926.79	2735.14	2972.34	2699.68	2296.68	1845.74	2035.30	2280.98
ENSMUSG00000079057	Cyp4v3	160.73	463.20	307.79	506.68	444.41	455.16	422.68	366.36	0.00	556.48	600.29	507.11	646.84	430.66	1124.90	926.53	584.28	651.12	381.79	573.37	599.50	739.61	376.81	518.93	746.16
ENSMUSG00000079091	Gm3404	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.26	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000079092	Prl2c2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000079144	A130010J15I	181.29	700.71	288.41	645.43	227.73	202.95	262.13	473.70	379.93	302.41	242.10	381.88	547.14	399.34	304.57	311.99	391.25	399.60	292.66	438.96	566.67	265.72	407.26	272.72	83.90
ENSMUSG00000079183	C030005K15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ENSMUSG00000090215	Trim34b	53.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.93	0.00	0.00	0.00	53.35	6.02	0.00	0.00	47.39	1.74	1.26	128.65
ENSMUSG00000090273	Prr22	120.55	208.49	246.68	23.47	11.66	32.84	89.51	33.63	160.83	76.79	193.99	91.99	139.10	195.75	0.00	176.26	78.87	146.99	124.05	62.95	0.00	0.00	0.00	41.67	19.02
ENSMUSG00000090306	Adh6-ps1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.91	0.00	50.58	38.28	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000090369	4933411K16l	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108.97	0.00	0.00	0.00	0.00	44.85	0.00	21.46	0.00
ENSMUSG00000090461	Iltifb	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.65	2.32	10.44	0.00	7.54	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.00
ENSMUSG00000090622	A930033H14	34.58	79.53	87.20	69.03	192.74	88.01	110.82	73.70	235.42	199.08	89.36	221.09	2.32	276.67	0.00	255.43	471.16	229.74	304.71	238.20	246.68	99.86	50.47	161.61	300.92
ENSMUSG00000090764	Gm3127	13.08	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.95	0.00	0.77	4.64	0.00	247.10	15.08	1.04	0.00	0.00	0.00	0.00	0.00	0.00	1.26	0.00
ENSMUSG00000090817	Gm4450	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000091002	Tcerg1l	1161.58	468.57	1164.09	1073.42	765.45	746.78	461.04	846.50	501.14	1105.38	428.45	905.23	637.56	472.42	1261.38	442.06	540.69	652.21	888.83	507.87	735.44	746.38	736.21	507.56	592.90
ENSMUSG00000091017	Fam71a	29.90	0.00	24.59	17.95	0.00	71.59	142.79	169.59	0.00	188.65	0.00	0.00	16.23	39.15	0.00	0.00	0.00	0.00	60.22	36.58	79.42	59.24	0.00	29.04	0.00
ENSMUSG00000091049	Gm1979	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000091083	Gm4535	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	0.00	0.00	0.00
ENSMUSG00000091154	Proscos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.89	0.00	0.00	14.51	1.55	11.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.68	0.00
ENSMUSG00000091296	Gm4181	60.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.47	18.55	0.00	0.00	92.37	0.00	0.00	0.00	16.16	0.00	0.00	92.24	0.00	0.00
ENSMUSG00000091318	Gm5415	109.34	569.59	27.57	66.96	88.39	42.69	3.55	32.20	71.09	0.00	0.00	0.00	53.32	0.00	0.00	0.00	29.06	115.42	33.72	28.92	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000091396	Spanxn4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000091422	Gm6455	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	0.00	0.00	0.00	0.00	46.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000091558	Gm17227	22.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000091636	Akain1	82.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.37	0.00	0.00	0.00	0.00	15.08	161.90	47.91	0.00	0.00	0.00	0.00	0.00	60.60	71.60
ENSMUSG00000091694	Apol11b	280.35	0.00	0.00	0.00	0.00	36.12	0.00	0.00	0.00	0.00	688.88	827.93	781.30	923.96	1001.35	1283.76	534.46	544.42	922.55	564.01	533.83	396.04	96.59	262.62	229.33
ENSMUSG00000091705	H2-Q2	330.81	334.23	303.32	102.16	111.10	265.35	287.71	188.91	159.66	83.42	394.85	378.79	282.85	360.19	949.63	831.33	566.64	271.12	652.77	850.70	609.43	864.85	420.32	487.36	966.54
ENSMUSG00000091735	Gpr62	0.00	0.00	73.78	59.37	0.00	45.32	0.00	12.88	0.00	0.00	0.00	94.31	34.78	26.10	522.94	80.12	157.74	129.57	44.56	55.30	120.66	0.00	0.00	12.63	27.97
ENSMUSG00000091792	Gm3573	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	0.00	0.00	0.00	1.53	0.00	0.00	0.00	0.00
ENSMUSG00000091867	Cyp2a22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.72	0.00	0.00	0.00	8.84	0.00
ENSMUSG00000091956	C2cd4b	94.38	0.00	310.77	330.65	319.19	289.65	202.46	553.84	0.00	102.39	214.61	21.65	39.41	46.98	0.00	71.63	116.23	168.77	80.69	146.32	204.67	257.26	131.40	109.85	155.50
ENSMUSG00000092060	Bend4	613.96	814.63	510.50	519.11	762.99	507.71	642.90	806.43	491.81	624.74	1735.19	1392.25	1022.42	1318.08	632.13	1010.42	770.04	1075.77	1348.90	1122.92	1227.27	618.60	460.35	518.93	555.98
ENSMUSG00000092416	Zfp141	439.21	549.17	398.71	609.53	501.50	422.98	467.43	496.59	472.00	435.14	345.97	412.03	428.91	349.75	389.33	396.81	283.32	420.29	234.85	250.96	430.73	425.66	161.86	334.59	328.89
ENSMUSG00000092417	Gpank1	230.82	501.89	373.37	162.91	294.64	256.81	260.71	142.39	171.32	67.31	71.03	281.39	470.64	451.54	216.93	259.20	132.84	338.63	497.41	344.53	155.03	293.64	252.36	257.57	266.24
ENSMUSG00000092519	Actl9	54.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000092586	Ly6g6c	103.73	0.00	41.73	35.90	0.00	0.00	0.00	0.00	0.00	0.00	324.58	188.62	150.70	180.09	409.45	91.43	362.19	391.98	382.99	558.06	795.01	709.15	965.95	659.07	680.15
ENSMUSG00000093445	Lrch4	57.94	0.00	0.00	0.00	0.00	0.00	0.00	19.32	0.00	0.00	0.00	43.29	0.00	70.47	0.00	69.75	23.87	21.78	0.00	69.76	0.00	0.00	62.66	11.36	0.00
ENSMUSG00000093536	Smim17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123.24	0.00	21.65	44.05	101.79	0.00	25.45	0.00	0.00	0.00	45.09	0.00	0.00	56.56	0.00	3.36
ENSMUSG00000093668	Pou5f2	0.00	109.62	0.00	0.00	17.19	49.26	0.00	26.48	0.00	0.00	0.00	0.00	4.64	5.22	367.78	0.00	0.00	92.55	0.00	48.49	0.00	0.00	0.00	0.00	0.00

Supplementary Table 2 A - Normalized counts of the top 200 specifically upregulated genes of mTEC1 across mTEC^{Alb}, mTEC^{Ubi}, mTEC^{Cbl}, mTEC^{Alb}, mTEC^{Alb} and mTEC^{Cbl}.

geneID	mTEC^{Alb}			mTEC^{Ubi}			mTEC^{Cbl}			mTEC^{Alb}			mTEC^{Alb}			mTEC^{Cbl}		
ENSMUSG00000094686	Ccl21a	0.00	1.07	16381.50	26156.99	14747.86	28199.64	26908.02	35818.72	5.83	3.79	740.82	462.28	287.48	532.45	0.00	1.09	0.00	0.00
ENSMUSG00000033085	Tagln	87.84	34.39	2494.38	1622.20	1557.28	6022.18	5114.78	3533.40	287.86	21.80	176.42	46.38	32.46	78.30	0.00	0.00	7.62	28.91
ENSMUSG00000061527	Krt5	33892.35	43094.56	67898.89	67148.18	61979.57	113706.25	99946.41	89506.96	125977.76	131127.71	6385.54	6388.40	6329.26	6608.68	7825.44	5574.26	13604.44	18422.04
ENSMUSG00000021208	Ifi27l2b	82.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.04	25.51	90.42	101.79	1.44	161.18	92.36	197.08
ENSMUSG00000045445	Krt14	7338.61	10180.67	17861.58	15983.19	16965.01	41031.51	37140.43	35982.24	55971.21	51438.99	3973.68	3713.68	5330.02	4024.72	5173.38	3143.41	4796.68	6683.28
ENSMUSG00000021477	Chsl	42917.72	76184.70	44374.10	47817.73	34397.15	44153.93	53838.37	57128.68	37563.16	38727.13	12558.76	5994.15	7430.50	6316.35	9953.12	31645.27	31305.06	11329.35
ENSMUSG00000022985	Apoe	6209.73	12354.80	6218.43	7569.13	5646.00	17545.06	13330.40	9961.20	28743.14	26746.19	2253.00	1093.85	1337.72	1427.70	3660.59	3008.63	5016.70	3910.02
ENSMUSG00000079017	Ifi27l2a	3340.83	6184.92	6829.54	8192.47	6483.88	9216.85	13660.73	9025.97	10257.00	9985.38	1171.56	1139.46	1034.01	618.58	2394.90	1244.17	1439.42	1790.05
ENSMUSG00000031328	Hbb-bs	38289.75	45600.03	55976.12	52816.67	57428.64	68862.03	58517.18	72022.08	75882.78	77928.02	10683.58	10971.13	11424.73	10417.17	11524.74	6347.66	16449.49	12966.96
ENSMUSG00000030218	Mgp	798.06	3336.96	1452.51	1544.20	1657.95	2483.35	2545.31	2183.86	5779.40	5741.14	296.33	214.13	190.11	169.65	566.04	512.75	319.64	399.60
ENSMUSG00000018339	Gpx3	3858.54	5074.75	2313.28	3140.86	2644.38	9157.08	5619.87	4971.65	12698.59	11007.34	8431.57	7034.66	6160.01	6248.49	12439.97	10292.98	7295.69	6648.44
ENSMUSG00000029761	Cald1	6199.45	7868.98	8242.54	8960.78	7807.29	12904.12	11242.58	9522.57	17989.66	16695.39	1035.62	961.66	887.95	772.58	577.53	1133.89	2268.62	2592.52
ENSMUSG00000021548	Krt14	20121.65	39938.15	31485.62	34673.23	32091.09	42741.15	43662.40	37250.76	44646.86	35137.09	8400.57	6802.99	5281.34	5901.35	6505.37	11971.92	12551.60	13835.88
ENSMUSG00000035783	Acta2	1016.73	620.10	1623.92	1186.62	817.01	5472.44	3951.88	2983.14	4624.45	4846.22	717.14	1071.43	600.47	1294.59	916.58	1083.94	900.81	930.96
ENSMUSG00000076431	Sox4	10947.64	14471.96	8639.77	8716.41	7936.81	10005.67	8178.68	9412.37	25110.48	24574.30	2709.71	2890.40	4775.92	5833.49	7252.22	5241.54	7847.80	9686.30
ENSMUSG00000001119	Col6a1	6024.70	12336.53	7072.49	8741.60	6570.43	20972.23	13746.69	14790.46	24175.80	18016.92	898.15	1331.17	1015.46	1401.60	1050.19	2013.29	1813.03	2448.80
ENSMUSG00000021453	Col1a1	272919.15	444564.48	480247.47	487007.47	520105.92	564801.50	545650.01	533515.18	19691.17	19904.28	11635.03	10421.88	12842.88	12886.41	12576.91	12591.19	12557.91	11933.08
ENSMUSG00000020241	Col6a2	3077.30	7234.91	3741.94	5395.38	3996.64	13623.97	9944.70	9843.13	14867.46	14149.99	321.53	439.86	595.83	331.48	436.74	968.94	1005.62	1277.21
ENSMUSG00000074730	Fcgbp	40932.85	21704.72	50442.73	44923.30	41558.09	162700.13	116538.91	96885.73	195502.99	164760.24	74659.07	83429.57	68464.94	65416.76	65489.77	82882.45	102525.77	114655.67
ENSMUSG00000026678	Rgs5	17283.53	17805.70	37698.83	41134.94	34931.18	53415.44	50501.38	45613.57	68607.27	54412.89	10152.25	10401.25	10092.04	11721.79	10932.92	9785.58	15252.46	18761.76
ENSMUSG00000031548	Stfa1	9619.72	12860.98	9639.46	4538.72	12884.84	15289.75	6795.56	6536.57	11918.76	10402.65	4565.22	5491.26	8982.27	4815.34	4653.74	5900.59	3374.94	2424.84
ENSMUSG00000028464	Tpm2	10041.17	17091.02	17855.62	15160.35	14110.09	16625.54	15476.48	13237.00	19868.35	20486.48	5701.24	5469.26	4979.94	5752.58	5860.10	3873.89	5199.35	6401.28
ENSMUSG00000020052	Ascl1	11107.43	13057.65	21893.42	23566.82	17529.74	21421.48	18121.96	15133.21	19170.25	19615.26	4923.76	9005.92	7993.87	8626.26	3861.72	4078.43	5699.57	9092.88
ENSMUSG00000021479	Igfbp4	2146.54	3760.39	6775.88	4707.15	6165.92	16047.55	11245.42	9934.72	22644.41	20812.65	825.95	735.93	345.44	425.44	334.74	706.91	1376.12	1287.01
ENSMUSG00000026185	Gpnmb	12418.53	20716.14	26270.36	36055.63	27824.27	33102.64	23908.77	18860.52	32596.03	29178.13	1904.25	2917.45	2185.39	1471.41	1215.79	1916.51	1708.09	9263.26
ENSMUSG00000004665	Cnn2	5823.79	8320.36	6894.37	7123.89	5936.96	9708.14	9035.41	8615.25	10645.09	10220.49	2020.83	2377.10	1912.69	2495.22	1176.62	1833.27	2325.70	2318.13
ENSMUSG00000042745	Id1	442.95	1155.31	1824.39	1433.06	2144.11	3806.15	2478.54	3096.91	2003.38	2185.16	176.42	71.89	180.84	167.04	0.00	93.31	60.19	120.86
ENSMUSG00000044177	Wfdc2	5544.37	11141.46	11252.64	13063.23	10858.64	15730.98	12314.55	12922.15	20560.62	18865.39	1411.37	743.66	676.98	796.07	418.07	1253.60	1903.31	1287.01
ENSMUSG00000069901	Cnfn8113	3349.24	5139.23	3699.46	4538.72	5944.03	15289.61	8795.56	6536.57	11918.46	10443.66	1291.47	898.27	1273.73	613.38	505.70	942.30	3374.94	2424.84
ENSMUSG00000024501	Dpysl3	5300.47	7428.35	12042.61	12002.93	11263.15	10455.57	10198.31	11756.52	13882.67	13968.92	1874.19	2540.98	2390.28	3184.87	1889.20	2188.61	2297.68	2704.67
ENSMUSG00000024164	C3	6946.12	9734.67	6119.31	8010.92	5782.89	29874.47	16286.32	18434.76	32614.72	32011.43	7568.55	6196.69	5237.29	5413.27	7487.83	9423.64	12721.28	11492.68
ENSMUSG00000033845	Tgfbi	8345.06	16566.56	16574.52	20863.61	18937.86	29395.67	27396.77	30944.04	49220.06	36176.99	1383.11	1376.01	1008.51	1746.13	1461.07	2357.32	2984.98	3421.13
ENSMUSG00000055063	Mfap5	4993.02	9660.42	9580.96	9356.58	7266.08	8795.49	9230.05	8765.53	9895.26	9265.39	2065.12	2444.45	2009.71	2322.96	1921.67	2348.06	2122.14	2878.53
ENSMUSG00000022505	Emp2	8228.25	8288.12	11999.39	13863.28	13280.81	17015.68	15229.27	15049.49	20941.71	17752.42	1236.48	1122.45	878.68	798.68	1594.68	1229.09	2868.46	2840.78
ENSMUSG00000013076	Amotl1	5881.73	9009.24	8690.17	8753.69	7780.29	9557.07	6811.90	8893.60	13041.22	10146.54	2840.31	2321.44	2330.00	2938.93	1462.51	3165.09	3858.52	2582.72
ENSMUSG00000022358	Fhdc1	309.32	108.55	3484.42	4567.02	6296.05	7121.01	5609.17	6003.48	12785.61	11347.77	668.26	608.38	790.16	798.97	1182.86	1144.14	149.17	3144.34
ENSMUSG00000042790	Rnf214	1072.80	989.80	649.12	580.54	1113.49	1006.22	1113.18	801.42	1927.63	1241.89	330.69	540.35	1008.51	621.19	237.05	626.80	917.41	831.87
ENSMUSG00000031613	Hpgd	2622.20	6637.37	4993.22	4872.13	3977.00	8777.45	6795.56	6581.65	10969.08	9014.62	869.12	554.27	579.60	461.98	192.51	1226.26	1682.26	949.47
ENSMUSG00000048776	Pthlh	1360.63	1991.43	2706.03	2924.11	2998.56	3460.01	2945.97	3238.59	4109.33	4891.73	381.86	440.63	194.75	563.77	178.14	529.71	751.36	467.11
ENSMUSG00000054263	Ltbp1	12993.25	19355.42	21634.07	23044.95	24325.44	27701.13	19641.48	26151.28	36154.14	28630.83	1227.31	921.19	869.40	1104.09	1145.01	2425.19	3760.97	2994.30
ENSMUSG00000027239	Mdk	11468.15	16250.60	13706.02	12180.33	9825.57	9293.70	12741.49	9757.98	13707.85	14358.55	5588.20	5552.75	6113.65	6608.68	12649.72	6379.20	5564.65	8010.58
ENSMUSG00000026639	Lamb3	4205.24	8932.94	6540.38	7596.05	6918.47	11606.28	10399.35	9546.89	12449.18	11672.84	1350.27	924.56	804.49	970.94	1259.94	1806.87	1563.96	1466.66
ENSMUSG00000041959	S100a10	1966.18	2930.72	1666.40	2074.35	1748.19	2998.94	3957.56	2674.02	9300.24	3616.79	1383.11	1376.01	1008.51	1746.13	1461.07	2357.32	2984.98	3421.13
ENSMUSG00000022443	Myh9	26239.75	28925.34	35188.06	36639.02	31803.16	45644.20	39338.40	40463.03	59977.98	49691.97	21859.45	24351.53	22045.75	24210.94	18588.88	24400.81	23364.06	21524.14
ENSMUSG00000070327	Rnf213	17663.87	20529.00	28087.25	31888.38	34263.34	42002.26	36532.34	40920.27	40093.32	35832.86	14027.41	12550.30	9679.36	8790.69	6342.82	13254.18	15628.14	9770.14
ENSMUSG00000067818	Myl9	392.49	554.55	364.43	246.44	121.54	1210.48	1175.69	514.48	1086.19	2363.39	115.32	161.57	127.51	33.93	287.33	143.27	136.99	172.04
ENSMUSG00000026104	Stat1	3737.99	6237.58	4852.37	5710.85	4515.94	6890.47	6070.96	5770.93	5253.78	7511.08	2507.32	2331.49	2432.01	2578.74	4401.90	3355.49	2172.79	2877.80
ENSMUSG00000023039	Ket	12140.99	20945.98	15117.54	16424.98	15354.33	21747.91	21072.20	20876.23	25186.23	23108.68	6366.25	4898.75	6361.71	6073.61	5207.77	9222.06	8148.76	7591.37
ENSMUSG00000035692	Isg15	1998.89	4207.47	2986.99	3507.41	3178.41	5248.48	6257.80	5256.44	6814.30	6167.75	504.82	406.62	491.50	472.42	971.18	869.03	867.60	1248.90
ENSMUSG00000069833	Ahnak	11967.17	11930.29	12447.29	13781.14	12597.00	12224.33	13130.78	12703.91	30800.13	19600.09	8384.21	6065.27	5580.41	6164.97	3403.43	7509.32	12637.22	7399.74
ENSMUSG00000028268	Gbp3	3220.28	8151.63	3848.51	5432.66	5607.33	7418.54	7586.22	6626.01	10208.05	8363.34	801.92	851.12	1054.88	1401.60	762.86	1495.83	1158.18	1277.16
ENSMUSG00000031636	Pdlim3	499.96	692.11	1411.52	1582.17	857.52	1934.77	2042.38	1711.60	3512.62	3292.44	82.53	180.12	236.48	125.29	247.36	237.52	119.91	503.04
ENSMUSG00000058056	Palld	3993.11	6564.29	2670.26	3389.37	2587.90	4234.38	2713.68	3146.28	6804.98	7304.41	847.74	799.32	368.63	790.85	688.16	2243.28	1819.25	1550.50
ENSMUSG00000031794	Tpm4	7522.70	10930.81	10090.78	10739.68	8236.98	12655.19	12086.52	10891.42	14778.89	10570.30	4612.92	5534.19	6945.95	6214.56	8206.15	5720.35	4190.61	5176.33
ENSMUSG00000046402	Rbp1	597.14	1979.60	1142.48	865.64	1188.37	1350.38	2098.48	1395.33	2160.72	2010.73	202.39	56.43	241.11	39.15	306.01	234.70	233.50	407.23
ENSMUSG00000026220	Lgals1	2386.71	3675.49	1900.96	2795.02	1311.44	2507.66	3638.60	1958.47	3121.17	3533.23	933.28	691.10	785.08	589.87	2120.59	922.76	903.92	1417.67
ENSMUSG00000070348	Ccnd1	2788.54	3147.81	4750.27	4821.74	4693.34	5598.55	5545.28	3943.41	4844.72	4290.69	1558.01	1951.93	1766.63	2946.76	2601.78	1363.87	1954.17	2768.91
ENSMUSG00000067586	S1pr3	9324.41	12145.23	16977.70	16561.66	16128.36	20168.96	16697.64	17053.03	15185.63	15336.90	1205.16	1852.20	971.41	1346.79	1884.89	1657.95	2847.71	1670.28
ENSMUSG00000041889	Shisa4	1128.87	1564.77	1609.01	1530.39	1357.18	3234.08	1950.01	1617.15	3366.94	3041.21	366.59	362.56	431.22	318.43	1587.50	357.23	648.62	679.43
ENSMUSG00000020538	Ptn	3514.64	5549.49	4367.95	5660.45	6184.33	10223.07	7550.70	6250.06	11436.42	10794.00	1215.15	1268.20	357.04	120.06	10.06	610.77	674.57	504.13
ENSMUSG00000020758	Itgb4	14773.47	12864.21	18244.64	17639.22	16038.75	23871.99	18819.56	21769.95	27201.27	24915.58	8659.16	10163.16	9890.33	11627.83	6528.15	7655.41	1488.72	8719.41
ENSMUSG00000006205	Hra1	1562.48	1332.63	2931.10	2850.94	3422.18	8258.58	5610.63	5598.48	8776.08	8440.13	791.22	891.32	1071.11	600.31	680.97	685.24	1337.72	1448.15
ENSMUSG00000038615	Nfkb21	11117.71	11066.23	13415.37	15684.98	14272.76	18736.49	14606.97	15613.34	19039.72	19341.29	9369.42	12009.18	10010.89	10795.22	8953.21	11980.79	11403.28	12096.98
ENSMUSG00000024486	Itl3	1781.15	3634.30	2503.32	3071.83	3029.25	6334.82	4647.95	3798.72	6363.95	6193.23	1248.93	2201.59	2154.03	340.49	1155.57	1135.35	1154.10	1240.73
ENSMUSG00000027111	Itga6	10848.58	7878.66	17455.41	13830.15	17626.11	26878.16	18703.77	20675.87	34464.26	29778.60	15857.30	16864.64	16235.82	17599.65	10346.77	12802.70	11442.72	11507.92
ENSMUSG00000032092	Mpz2	644.80	1643.22	4149.59	3465.99	4784.19	5029.76	6115.01	5130.51	1126.98	1026.69	598.00	592.92	445.13	508.96	0.00	117.82	558.33	360.41
ENSMUSG00000030782	Tgfbr1	998.98	1284.87	257.86	308.56	433.98	1020.66	1029.84	863.12	673.33	1572.17	165.16	101.58	22.42	88.10	237.52	462.60	153.84	339.36
ENSMUSG00000031503	Col4a2	15443.50	12035.61	26440.26	28975.52	23542.20	34312.46	28208.03	31889.29	29779.21	36558.09	6745.25	7757.46	5202.51	5434.15	5246.83	6843.43	9192.78	8605.41
ENSMUSG00000031451	Gas6	11877.46	17294.14	14205.35	15493.77	13585.88	19695.41	18326.55	18278.77	14158.88	15593.81	7074.42	6349.75	7393.41	5875.25	6543.95	10592.41	9647.34	7449.83
ENSMUSG00000007872	Id3	872.82	1330.48	1367.55	2503.72	1554.22	3440.31	2661.82	3028.93	2022.69	2092.26	513.99	443.72	533.23	311.60	357.73	484.47	369.45	304.87
ENSMUSG00000021164	Vim	1649.39	4606.18	2707.03	2251.76	2492.76	2933.92	2960.18	2812.97	4848.89	4590.26	135.18	2.32	23.18	54.81	678.19	167.77	482.57	238.46
ENSMUSG00000033306	Lpp	4943.49	6088.20	9448.37	11091.73	8445.68	7965.65	10748.86	10434.18	15402.40	11435.84	2756.30	3179.51	3463.70	2429.97	1162.25	3169.81	3692.47	2937.68
ENSMUSG00000022816	Fstl1	5104.22	6558.92	4399.25	6042.88	5059.79	9666.10	7279.33	5565.56	9835.76	10071.65	1656.53	1342.77	1506.97	1558.21	2035.74	1999.15	2246.82	2115.61
ENSMUSG00000027408	Cpxm1	1044.77	2337.48	1668.63	1301.21	2137.97	1886.98	1702.80	1493.36	2110.60	1935.84	206.12	152.19	39.41	151.38	234.17	276.17	410.97	212.32
ENSMUSG00000040864	Mapk13	2494.17	3700.21	6547.21	4729.93	5445.28	6996.22	5528.84	4110.13	7182.77	7256.06	1326.60	1236.09	1534.79	960.06	1902.13	1222.49	3150.74	2068.85
ENSMUSG00000025743	Sdc3	1895.16	3186.50	3971.48	4765.14	4145.19	8757.09	5142.49	5641.41	8225.64	7248.48	966.12	1382.97	932.00	939.62	2550.06	1469.44	1005.62	1542.88
ENSMUSG00000035557	Krt17	52792.55	76869.28	75248.62	75021.73	63918.66	83146.08	85414.04	71049.30	92091.56	84278.03	32953.37	36072.37	42459.35	39764.30	48110.59	30407.70	39461.09	49816.49
ENSMUSG00000024063	Lch1	1652.19	2295.57	3097.29	3602.67	4795.23	4347.35	3258.54	3806.74	5507.99	5113.56	1356.38	1010.36	862.45	983.99	1509.92	1364.82	1548.39	1569.01
ENSMUSG00000044718	Bst2	2291.39	3889.85	3344.56	2609.33	4682.97	4782.32	4574.52	3596.94	5173.29	4990.24	1135.18	1268.22	1208.47	1009.05	1497.72	1144.44	1192.27	815.38
ENSMUSG00000026879	Gsn	2239.99	3621.75	3406.57	3376.25	3565.73	12387.87	8627.64	7234.95	13967.75	13744.24	2560.78	2283.56	1829.22	1472.07	4785.49	3194.31	3218.20	3019.35
ENSMUSG00000026473	Glul	3829.57	5518.61	6988.28	6908.52	7523.09	10592.19	9126.34	8505.77	11670.61	12653.08	2199.54	2158.33	1794.45	2286.41	2950.88	2695.70	2642.22	2802.67
ENSMUSG00000052957	Gas1	1206.44	1677.61	2999.66	3176.76	3190.68	7970.25	4783.74	6042.84	6296.85	6913.83	129.07	134.51	139.10	344.53	66.09	195.11	196.14	464.93
ENSMUSG00000033660	Clca2	1180.27	909.20	2424.11	1237.71	2660.01	2121.46	1739.74	1753.82	2038.36	1866.47	105.39	139.15	180.84	20.88	129.38	85.77	346.62	212.32
ENSMUSG00000024421	Lama3	7615.22	10389.16	9586.24	11497.63	9185.96	14167.80	13104.50	12756.14	17950.04	17860.50	2240.78	1470.32	1360.91	1393.77	1949.54	2636.32	3347.92	3391.73
ENSMUSG00000041592	Sdk2	696.20	1645.37	1132.05	1065.82	1301.32	2117.52	2184.44	1707.31	2910.09	3505.74	219.95	271.34	129.83	177.48	93.38	446.77	795.99	291.81
ENSMUSG00000033355	Rbp4	1130.74	2154.78	1846.00	1681.57	1923.74	2218.01	3056.08	2442.89	4877.35	3715.25	107.69	68.03	173.88	33.93	330.43	377.96	735.80	299.43
ENSMUSG00000022883	Nbl01	5677.07	6260.82	10844.90	15754.74	10934.76	18856.43	12462.04	13352.93	20295.93	19173.34	4454.02	6171.75	6473.03	6029.24	2402.35	5545.49	6133.36	6699.21
ENSMUSG00000039883	Lrrc17	1132.61	2707.18	2222.36	2142.69	2170.50	3019.30	1973.45	2138.07	2905.43	3283.90	77.14	85.03	185.47	15.66	153.72	494.84	503.33	168.77
ENSMUSG00000021911	Nfx	3519.32	3662.59	6475.54	5520.32	4769.45	7282.58	6274.13	6690.41	6797.99	6864.54	2682.22	3273.05	3435.88	2547.42	2251.23	2474.20	3000.26	2256.07
ENSMUSG00000040483	Xaf1	2017.58	3003.80	1073.17	2017.75	2276.69	3708.94	3551.93	2687.61	3267.88	4707.81	307.02	299.17	241.11	88.74	731.26	715.40	690.13	656.57
ENSMUSG00000035669	Arxes1	9533.74	10084.70	7836.17	9199.99	7286.77	9319.31	8464.37	9232.77	8795.90	9183.11	5942.36	5561.36	6026.63	6082.87	7094.44	7996.20	7910.02	6595.17
ENSMUSG00000017754	Pltp	5376.16	9136.06	6154.33	6133.31	5083.73	7501.29	7399.39	8537.97	5612.74	4941.97	2508.85	1753.25	2445.92	1456.41	1067.43	3789.06	4229.01	2274.58
ENSMUSG00000032216	Nedd4	30160.90	32101.41	47955.81	51834.58	45897.86	49913.39	50565.31	48100.83	57756.66	53721.79	22000.74	25011.71	21120.71	22903.29	17606.17	18965.11	18020.26	20805.50
ENSMUSG00000028214	Gem	2256.81	4061.31	4533.40	5537.58	3672.54	5359.47	4954.95	4695.45	4927.46	4668.95	3609.38	2060.92	3779.01	5739.53	2498.34	1667.38	1601.32	1949.02
ENSMUSG00000033722	BC034090	2927.78	3991.50	5336.04	6037.36	7576.56	9308.15	5429.48	6107.56	6575.39	6183.87	1241.89	1176.57	1224.12	676.01	1208.22	1012.30	1756.99	1763.92
ENSMUSG00000023886	Smoc2	463.51	931.77	1213.28	1693.30	1529.05	3012.08	1950.72	2868.65	5718.79	6380.10	555.99	453.77	176.20	253.18	1119.15	330.84	426.53	656.57
ENSMUSG00000040479	Dgkz	7828.28	5914.10	8300.67	8226.30	12957.32	14653.83	9970.28	10098.58	14269.59	15222.19	4385.33	3644.88	4372.52	2915.44	2824.46	3824.88	5962.13	4441.37
ENSMUSG00000039542	Ncam1	547.62	508.34	1167.82	904.98	953.28	1128.38	1322.03	1078.91	2724.79	977.40	537.67	887.45	595.83	811.73	1035.83	423.21	546.92	834.05
ENSMUSG00000017337	Mmp9	8723.71	12024.90	12271.40	13381.45	11049.54	12132.57	11045.09	11538.28	13717.35	16104.28	2615.01	3233.63	2411.15	1821.82	2001.17	3005.42	3264.82	3556.52
ENSMUSG00000040296	Ddx58	2830.59	3569.09	4555.76	4953.59	5767.54	7310.82	5337.13	6618.14	7249.01	8277.07	1417.48	1167.29	619.02	900.47	1491.24	2062.31	1735.19	1459.04
ENSMUSG00000021182	Cdd88c	10107.52	8500.91	8002.57	9047.75	8964.36	8395.20	6625.78	8002.02	14693.81	13299.62	3177.11	3965.70	4581.18	5196.63	6174.73	5101.10	6808.97	6695.26
ENSMUSG00000034161	Sox	325.21	823.22	523.92	410.73	644.52	766.48	668.47	553.12	1413.67	1710.21	87.07	96.63	53.32	41.78	214.08	156.46	73.68	174.21
ENSMUSG00000024329	Aspdh2	2425.95	5742.14	12070.19	10158.58	12515.37	12198.06	12590.18	13979.02	6056.77	4741.94	519.47	5868.92	5093.55	4523.24	4243.87	2430.84	1626.12	1500.42
ENSMUSG00000039952	Dag1	4365.97	3285.37	8398.30	8715.72	7604.12	12936.96	10217.49	9959.77	12135.68	12288.10	3326.80	4165.14	3442.84	3017.23	3152.01	3921.96	3744.36	4197.47
ENSMUSG00000016918	Suff1	6713.43	12184.99	10192.88	12825.76	11192.56	8453.00	9004.15	10880.62	15218.70	10062.17	2085.74	1741.66	1367.86	1509.79	933.82	2758.85	2637.04	1518.93
ENSMUSG00000038785	Ssfa5	543.88	1954.89	661.04	1439.13	1556.40	2142.48	1898.15	2674.73	2186.97	3861.24	127.90	0.00	72.60	0.00	390.22	192.94	115.55	136.11
ENSMUSG00000018830	Myh11	10885.96	9333.80	13973.57	12424.70	9848.28	11258.84	9925.52	8884.29	12901.37	10324.77	15554.10	16877.78	17828.57	19867.79	16360.59	16727.49	12088.23	12456.30
ENSMUSG00000040791	Pgf	194.38	755.52	315.24	537.74	500.27	847.93	952.63	637.56	1495.25	1307.30	141.29	384.20	178.52	240.13	465.48	282.77	41.51	93.64
ENSMUSG00000020644	Id2	977.48	1376.70	2683.67	2832.30	1693.56	4003.84	3021.98	2877.23	3800.49	2641.15	818.72	513.30	855.49	378.46	1012.84	508.04	854.10	795.94
ENSMUSG00000024164	Lmch1	3830.53	4463.25

ENSMUSG00000056214	Pard6g	3710.89	4587.91	6781.84	6695.90	5696.34	6379.48	7082.55	6883.61	7371.38	7294.93	1392.28	1372.92	1240.35	1354.62	817.45	1386.50	2214.65	1515.66	1743.94	1172.26	3384.72	3384.94	3067.53	4339.53	2905.20
ENSMUSG00000031880	Rrad	215.87	898.45	1577.71	1821.01	774.04	1806.85	1037.87	1783.16	462.68	581.13	668.26	831.02	716.39	1443.36	877.79	645.65	408.89	615.19	485.36	483.20	800.36	802.23	950.28	436.86	819.99
ENSMUSG00000091955	Gm9844	0.93	4.30	2.98	1.38	0.00	1.31	0.71	14.31	1.17	2.84	0.00	2.32	0.00	0.00	1.44	0.00	1.04	2.18	1.20	0.00	0.00	0.85	0.00	0.00	1.12
ENSMUSG00000019539	Rcn3	1187.75	3253.13	1755.08	1678.12	1367.61	2368.41	1683.62	1431.82	2582.61	2077.09	113.80	153.06	257.34	341.92	1104.79	552.34	377.76	381.09	330.00	189.71	326.10	552.59	557.81	439.38	661.14
ENSMUSG00000027200	Sema6d	12636.27	9802.38	12110.43	14349.94	15275.76	8726.22	8562.29	10322.55	9338.64	12211.31	7587.65	8984.27	9257.41	7934.59	4835.77	6595.04	6874.35	8016.02	8281.30	6044.21	5946.94	6558.33	4949.82	4645.08	6543.13
ENSMUSG00000061601	Pclo	2251.20	2565.32	3555.62	2810.90	2727.86	2237.71	2465.04	1798.18	2566.29	2431.64	2555.44	2380.19	1602.02	2602.23	1706.74	1862.48	2916.20	1931.60	1409.12	1165.46	2094.07	1545.23	1689.97	2313.07	1933.07
ENSMUSG00000001435	Col18a1	3717.43	5864.66	5859.96	5830.96	5984.22	11459.16	9118.52	7218.49	8579.94	9580.58	2146.08	1985.94	1347.00	1991.48	1795.81	2632.55	2762.61	2123.23	1933.02	2424.49	3118.19	3537.27	3672.34	4727.15	4936.72
ENSMUSG00000008398	Eik3	1574.63	2063.43	2976.56	3052.50	2258.28	4305.97	3295.48	3370.97	3111.71	3160.66	1817.67	2682.45	2165.39	2119.37	2086.02	1960.51	1716.51	2152.63	1247.73	1404.50	2110.87	1948.04	2154.67	1617.38	2707.20
ENSMUSG00000022562	Oplah	832.64	788.83	1234.15	1138.99	1592.27	2341.49	2069.36	1840.40	3872.74	2953.05	493.37	425.95	210.98	101.79	426.69	352.51	1553.58	853.65	952.66	1288.81	1986.38	1459.76	2118.99	2006.26	1938.67
ENSMUSG00000037833	Sh2d4b	4884.62	6525.60	4223.37	5874.45	5283.23	5332.55	4052.04	5763.06	7737.33	7366.98	3720.12	2606.69	2234.95	2662.26	3311.48	4616.62	4109.67	3833.80	3961.20	3105.05	3432.07	4554.44	2859.55	5662.73	3694.99
ENSMUSG00000079523	Tmsb10	6836.78	11830.34	7540.51	7957.77	6217.48	6502.96	8024.53	6292.56	9999.44	9438.38	2900.64	4206.11	3336.19	3492.26	7069.76	4342.34	4789.42	6121.44	5849.66	4084.20	3225.87	3375.64	4038.70	4728.41	6523.00
ENSMUSG00000040225	Prc2c	9237.51	6696.48	8595.05	10230.93	9829.86	9247.06	10902.30	10106.46	10423.66	9892.48	10484.47	9966.80	7377.18	9286.60	5352.96	8483.92	9072.40	7935.45	6189.29	8611.62	10135.83	7350.41	8073.05	9759.85	8186.47
ENSMUSG00000012428	Steap4	2768.92	4885.60	5142.27	5155.16	5193.61	6234.99	5699.43	5534.79	8847.99	8905.60	1297.58	2138.23	1847.77	1688.71	2248.36	851.13	1195.54	1847.76	1636.75	1568.69	2000.13	2624.18	2217.33	2435.54	3863.91
ENSMUSG00000030554	Synm	2393.25	4091.40	2153.79	2741.18	2412.96	3136.21	1960.67	2648.97	1660.75	2376.66	882.11	513.30	994.60	709.94	166.65	2353.55	1677.08	692.50	715.40	558.06	1923.76	1394.60	1224.40	3313.05	1473.30
ENSMUSG00000050315	Synpo2	2033.47	1670.09	3198.64	2973.81	3158.77	4261.96	3789.20	3703.70	5366.83	6287.20	3050.33	3347.26	2589.66	2583.96	2759.81	3393.19	3534.73	2830.98	3227.73	3316.87	3927.71	3357.87	3044.91	4771.34	4356.12

Supplementary Table 2 B - Normalized counts of the top 200 specifically upregulated genes of mTEC II across mTEC^{Ahr}, mTEC^{Bhr}, mTEC^{Chr}, mTEC^{Ahr}, mTEC^{Bhr} and mTEC^{Chr}.

geneID	mTEC^{Ahr}			mTEC^{Bhr}			mTEC^{Chr}			mTEC^{Ahr}			mTEC^{Bhr}			mTEC^{Chr}		
ENSMUSG00000020377 Sgn	20851.44	15006.09	12644.03	10159.83	6952.84	6579.15	7952.07	3875.03	6870.24	5197.94	56391.44	59355.56	50714.32	57841.58	89501.96	59528.81	39354.19	43017.96	46482.92	47578.71	33628.79	39817.95	42416.93	35299.09	30265.77
ENSMUSG00000000731 Aire	45390.40	16268.87	8391.60	6971.33	9436.40	3042.29	1554.33	3308.71	2612.91	3300.97	113380.88	114607.82	119096.68	118144.46	99897.58	111289.10	91510.62	96717.07	88312.14	77457.79	40595.26	37862.30	40705.50	26504.37	26489.13
ENSMUSG00000027360 Hdc	6003.21	1369.17	597.70	82.84	285.43	237.76	287.00	138.10	186.47	541.31	25510.07	34639.92	29450.75	30947.51	38604.27	29595.22	16032.88	20993.87	20873.05	21057.34	9595.90	10810.67	10609.75	8126.05	8869.98
ENSMUSG00000042306 S100a14	10208.45	6636.30	5468.70	4676.09	4576.10	3426.52	4010.84	3690.82	3654.81	6203.77	21563.88	21189.03	19310.03	19995.69	35097.40	27522.54	21348.47	22493.20	26858.81	22628.58	12446.03	16091.18	18083.21	13340.57	14604.31
ENSMUSG00000020096 Tbata	16942.44	1867.91	6658.13	7785.20	3438.67	9920.94	11675.20	10031.32	2549.97	5000.75	11742.33	11890.13	9899.61	10938.77	20835.76	24173.65	23318.20	14518.56	14686.17	15895.30	16980.88	12699.47	15512.58	28586.39	10003.20
ENSMUSG00000024619 Cdx1	5776.13	4533.10	2793.22	2471.27	1214.15	549.74	539.18	540.24	305.34	707.21	14352.76	18356.61	17058.86	17054.15	18333.11	13180.28	8611.62	11390.33	10771.95	10791.11	7300.98	5415.91	6807.75	3425.42	5070.96
ENSMUSG00000028617 Lmo4	10797.18	9695.98	8598.78	7018.96	6420.65	5831.06	5082.11	4311.92	4675.73	4400.66	26421.20	29159.84	28500.20	24746.00	32155.14	25738.29	15570.03	22801.34	25778.48	21008.00	10824.69	13304.52	14923.44	10517.41	10424.94
ENSMUSG00000047751 Ubl1	2188.59	793.13	1488.28	1234.26	1006.68	399.99	842.52	399.28	383.43	427.55	6912.51	8875.27	7530.19	8339.15	6157.49	4495.98	2698.26	3576.83	3430.39	3112.71	2554.58	2184.14	3124.10	1623.70	1493.43
ENSMUSG00000030666 Ccdc18	5006.11	2028.24	1700.68	1355.73	2354.65	705.40	1461.27	1226.41	583.33	645.59	6023.45	7245.21	4973.14	4279.65	6861.26	4262.94	2984.92	3886.40	6524.29	6064.63	2891.17	4273.38	3586.89	1223.35	1518.97
ENSMUSG00000023968 Crip3	7323.66	9136.06	3486.31	2747.39	2101.75	3396.30	5474.24	4048.59	1280.81	1598.34	7612.08	6420.87	7191.71	7010.63	12270.44	11353.99	12450.42	8036.71	10437.13	9367.89	7162.75	9430.46	9080.77	12104.49	5373.00
ENSMUSG00000024158 Hagh	5921.91	5079.05	3870.12	4629.84	3301.17	3555.58	3953.30	2269.73	3399.58	3938.03	11296.31	13392.92	13282.17	12089.81	20111.69	13251.35	11686.60	13385.08	11813.21	12644.78	6958.84	7934.31	7985.16	6539.68	8340.85
ENSMUSG00000029581 Fscn1	8600.18	3401.44	4610.16	3165.71	2578.70	3697.77	3693.30	2909.43	3884.40	2947.36	22530.76	29161.39	27067.43	29603.32	23130.09	19417.53	13024.32	17059.90	15931.50	15538.01	11856.45	10904.60	12377.17	8422.76	8730.15
ENSMUSG00000015312 Dbx2	14516.52	3568.29	2585.46	2236.25	2386.47	1196.03	2398.59	1508.07	1548.10	1662.84	7153.17	7154.55	7154.77	7135.78	9882.84	8512.65	6240.87	7320.53	7339.47	5557.61	4283.60	4036.55	5443.24	3492.03	3132.54
ENSMUSG00000025279 Dnase1l3	3092.25	1699.11	523.92	1160.39	670.30	499.17	383.61	686.21	261.06	379.20	7041.58	8103.78	7156.93	6890.56	7681.78	7821.30	5882.22	6362.08	5001.78	7912.35	5921.73	4997.02	6430.07	3787.78	4176.02
ENSMUSG00000045969 Ing1	5121.05	2397.66	2592.00	2499.57	2224.52	1716.87	2027.44	1915.53	1271.49	1815.44	8916.53	8595.43	9403.47	9281.38	14324.85	9858.16	7231.35	8466.80	8054.87	8688.18	5630.00	5782.33	5502.41	5079.41	5461.38
ENSMUSG00000021957 Tkt	11945.77	9390.76	5923.30	6608.24	5640.48	5418.59	7314.85	5640.70	5669.84	3897.27	25984.34	32824.05	32395.13	34481.53	34159.27	29362.41	19612.24	21175.71	23604.58	22546.06	12154.29	14672.89	16153.93	11081.79	11376.93
ENSMUSG00000031188 Ccl19	4131.41	2188.02	8116.60	6246.32	6960.82	4388.73	5614.18	6238.32	2224.82	2166.26	19398.71	20500.52	19265.10	19440.40	19167.64	19477.14	14463.78	16248.74	16338.56	5811.12	8224.29	11332.79	13442.32	10450.92	5118.87
ENSMUSG00000020830 Vmo1	494.35	205.27	105.08	94.57	46.04	0.00	159.84	16.46	0.00	0.00	1316.67	943.88	1177.75	610.75	2755.50	1963.34	1367.81	1472.11	1603.03	1424.07	858.40	1007.02	1066.89	974.72	777.48
ENSMUSG00000029556 Hnf1a	960.66	769.49	394.99	459.74	426.61	392.77	234.43	134.52	0.00	37.92	2452.33	3717.55	2223.35	3638.43	1156.50	2446.87	2207.39	2584.90	1629.52	2325.81	1049.32	1070.49	1100.83	906.54	824.46
ENSMUSG00000020775 Mpl38	2759.57	2370.80	2287.19	2947.58	2414.19	2271.87	2087.12	2167.41	2788.89	2224.03	3138.16	4435.70	3874.06	5147.04	5687.70	3948.35	3727.76	4061.36	2820.65	4432.99	2655.39	2866.20	2707.26	2714.58	2776.55
ENSMUSG00000024334 H2-Oa	1836.29	2189.17	958.40	1388.18	1093.00	2166.15	1391.03	1460.02	900.32	1080.73	3048.04	5055.94	3361.69	2949.37	4557.59	3997.95	3422.40	4142.90	1010.62	3733.72	2911.99	1918.42	3129.32	1414.98	2153.45
ENSMUSG00000036594 H2-Aa	77641.77	77856.93	63913.25	63671.83	52595.35	53436.46	56926.83	54796.92	56143.52	48570.31	152965.71	146650.33	141775.36	128803.95	224923.63	159705.22	122090.26	131158.09	146326.97	145509.42	98422.66	110564.14	117484.31	85336.19	96376.16
ENSMUSG00000020739 Nup85	4534.18	3868.93	5031.98	3401.10	4535.58	4663.27	3124.99	2953.08	2929.91	2761.55	6513.08	6283.27	5228.01	5165.31	8575.37	5460.21	4867.25	5567.23	5774.99	5267.52	4666.97	3595.66	4689.63	3438.04	4067.51
ENSMUSG00000031762 Mt2	1600.79	1478.79	4582.59	3851.18	3124.39	3316.18	5258.99	5548.42	1067.54	1360.39	5445.29	8395.99	6141.47	6778.33	5055.58	1438.34	1220.45	1638.70	1822.22	2071.45	3553.50	4300.57	4970.71	666.65	1038.13
ENSMUSG00000020383 Ifit3	1074.67	314.89	0.00	55.22	14.12	0.00	0.00	0.00	0.00	0.00	14.98	2508.80	2950.75	2993.74	3843.04	4065.12	2382.78	2632.81	2807.40	3239.46	1971.87	2058.58	2407.03	1597.18	1518.97
ENSMUSG00000030827 Fgf21	2079.26	931.77	1998.78	1816.18	1251.60	1013.44	1262.36	969.57	947.50	759.36	5577.51	7844.04	8422.78	8250.41	9408.63	5825.92	4872.44	5256.91	6196.52	4269.66	3567.24	3553.35	3135.41	2212.06	2876.12
ENSMUSG00000024610 Cd74	182085.86	170856.45	149014.17	144518.31	125067.11	130002.52	123738.68	122157.60	113815.28	95964.82	399105.09	386856.89	379700.25	372264.65	375052.86	499400.25	367378.34	247373.82	270749.22	280145.28	324370.47	214200.42	237923.53	263638.08	174683.64
ENSMUSG00000017652 Cd40	5378.97	4779.21	2698.58	2819.87	2242.32	2201.59	2499.14	2252.56	2207.34	2375.71	8391.09	8195.77	8508.56	8096.41	14842.05	8974.99	7479.38	6547.18	8324.65	6444.89	4392.81	4033.16	4733.14	4064.29	3698.34
ENSMUSG00000079197 Pamp2	8295.53	1471.34	5652.03	5399.52	3736.99	3740.49	4201.23	4565.02	4856.37	5083.23	9509.59	9055.84	3361.69	2949.37	4557.59	9997.95	9422.40	6142.90	10103.62	8862.58	5675.06	7589.89	8170.77	6497.31	7203.63
ENSMUSG00000030647 Ndufc2	2969.83	3501.39	1611.99	1524.87	1944.00	1331.33	2093.51	1396.76	1766.80	1397.37	4932.16	4033.72	4989.22	4888.65	9224.74	4807.96	3574.16	4612.32	4268.31	4415.12	3325.15	3644.74	4686.15	2861.04	3300.09
ENSMUSG00000030750 Nsmce1	2390.44	1594.86	583.54	805.58	765.45	673.88	910.72	744.89	898.55	675.93	6274.80	4888.71	5355.53	5220.12	8900.06	6688.36	4691.87	4139.76	4002.14	3788.16	2569.85	2576.79	2977.03	1661.57	1469.94
ENSMUSG00000035004 Ccl5	1000.85	204.19	178.12	115.97	74.89	122.16	418.42	170.30	108.39	303.36	1188.38	1234.04	1414.23	991.82	3442.22	1625.90	2241.64	2423.75	2379.85	3457.24	3122.01	2359.31	2613.28	2587.05	2494.65
ENSMUSG00000067341 H-2Eb2	7209.65	3746.42	2225.34	1845.17	1930.49	893.90	1098.71	1129.14	412.31	1195.44	2588.30	2524.04	2145.23	2083.23	5063.52	2763.86	7579.07	5494.08	4887.79	4079.69	5984.66	5828.56	7206.55	4640.02	4847.10
ENSMUSG00000006457 Actn3	11118.65	10395.61	7128.38	6263.78	4350.82	4598.25	4649.48	3630.00	3167.65	3607.18	20532.08	23940.28	25843.31	23454.02	25233.35	22499.68	14482.42	15920.98	16835.98	16039.07	6890.87	7165.08	7791.97	7715.71	6461.47
ENSMUSG00000006782 Cnp	3373.54	2112.87	2830.49	2302.84	1724.25	1655.13	1910.94	1459.73	1626.95	1684.61	7581.54	9564.82	8935.15	8440.94	10217.47	8043.75	6046.19	7007.76	7469.55	7859.60	5326.05	4517.21	5642.52	3517.59	4265.51
ENSMUSG00000017652 Mbnl3	14343.60	13159.65	16778.44	16380.80	10978.34	13497.21	15662.60	14827.67	8879.00	10132.32	32912.75	25681.94	30461.58	35288.48	29465.12	29806.36	22782.75	25920.78	30447.97	29222.23	23776.39	23276.39	29222.23	23776.39	18980.57
ENSMUSG00000028392 Bspry	5927.52	3341.25	4179.40	3960.25	3846.87	3037.04	3744.45	3325.89	1685.22	2279.96	10880.84	11330.45	12403.49	10816.10	13143.93	9857.22	7629.86	8699.81	10313.08	9057.39	6200.48	7459.57	6703.32	4555.44	7008.50
ENSMUSG00000037548 H-2Ab1	7748.85	9687.38	6938.34	6591.67	5230.44	5066.54	5300.90	4992.41	4937.95	5692.80	15239.44	14352.26	13442.14	13099.90	24161.61	15414.51	10828.34	12887.48	12229.07	13289.61	6677.03	7578.04	8285.38	6172.82	7232.24
ENSMUSG00000034663 Bmp2k	6855.47	5088.72	4221.14	3486.70	4140.28	2239.68	1931.54	2402.11	1612.96	2234.46	12386.15	14320.57	13173.20	11964.52	10852.47	9115.43	7174.27	7655.62	7034.77	7413.84	7624.79	7879.30	7384.70	4763.77	5522.90
ENSMUSG00000048277 Rpng2	9144.99	6485.84	8546.61	7219.15	6391.80	5995.27	7238.13	6201.69	6716.12	5336.34	14947.70	18144.02	18656.24	19006.82	9813.17	13752.79	9861.12	12237.44	10900.81	10787.71	8919.26	8570.68	9472.37	7734.85	7761.37
ENSMUSG00000021491 Rap1gap	9396.37	6091.42	5171.34	4386.85	4598.20	2843.94	2912.58	2381.36	957.99	1991.77	15482.31	17931.44	20068.15	18956.88	21173.37	15504.05	13615.86	13877.23	15123.36	11800.89	8231.93	7958.00	9273.08	6270.04	6872.03
ENSMUSG00000073888 Cd27a	256.99	252.56	178.86	365.86	260.26	217.40	348.09	183.18	41.96	208.56	507.88	495.52	180.84	391.51	1130.64	165.89	681.83	523.73	510.66	690.77	380.32	441.74	289.78	306.81	734.97
ENSMUSG00000021743 Fezf2	9774.84	6377.29	4327.71	4176.31	4266.11	5724.65	4481.83	2710.51	5169.67	5172.34	19047.40	23954.19	21695.67	20616.88	18634.81	18968.81	15268.03	17086.04	19802.36	19490.35	13884.84	14951.30	16385.11	10275.87	10252.66
ENSMUSG00000029417 Ccr9	2626.87	1552.95	2307.32	3174.00	2355.88	2601.58	3545.44	4309.77	3666.46	4632.92	6122.81	6961.29	6233.23	5063.52	7763.86	7579.07	5494.08	4887.79	6079.69	5984.66	5828.56	7206.55	4640.02	4847.10	7651.74
ENSMUSG00000053398 Phgdh	4540.72	3566.94	3850.00	3051.12	2924.90	2239.03	3436.85	2626.79	1818.08	2117.85	8500.30	7692.52	7887.23	9474.53	10164.31	6333.96	3752.66	7881.01	6554.22	4888.96	2868.46	4335.27	4833.21	2999.92	2659.09
ENSMUSG00000022237 Ankrd33b	7963.79	5038.31	3566.06	3107.73	2530.82	983.23	1208.37	1644.34	820.47	1169.84	16902.08	24654.56	23127.29	20996.19	15837.65	17123.36	12578.07	13232.64	16366.28	14434.65	9861.66	8410.74	8960.68	6815.48	6484.96
ENSMUSG00000058135 Gstm1	1368.10	187.00	44.72	171.88	69.98	141.21	68.91	148.12	321.66	302.41	2570.71	2913.59	3384.88	3035.50	5038.34	3617.52	2513.54	2784.16	3262.66	3521.89	2046.72	1305.74	1978.01	1568.14	1285.36
ENSMUSG00000021864 Aif1	2486.70	3733.52	1157.90	2262.80	1428.99	1188.81	1144.43	873.68	1092.01	639.91	6137.12	5353.30	5907.31	5966.60	6384.37	5323.54	3129.99	4146.29	3875.52	3224.05	2310.06	2025.89	3947.33	1768.83	1623.09
ENSMUSG00000060586 H-2Eb1	67423.04	76430.80	52685.96	52526.26	47348.34	50756.72	47769.94	51106.87	60092.19	49972.42	107798.03	100574.05	98958.98	100317.73	182789.51	121254.72	90534.05	98778.24	102237.14	108435.13	70575.09	80561.68	81174.30	64303.90	72937.66
ENSMUSG00000034361 Cpne2	1888.62	1540.05	813.08	1019.57	656.80	908.35	770.06	687.65	806.48	517.61	3477.26	4493.68	4428.16	5087.01	4376.04	2664.60	2107.76	2985.59	3537.25	2456.82	1577.04	1222.81	1639.50	1342.14	1386.04
ENSMUSG00000019489 Ccl7	131.76	277.27	77.51	95.95	62.00	30.87	51.15	30.05	0.00	88.72	476.57	612.25	727.98	678.62	142.40	855.84	288.51	482.35	102.74	854.10	323.05	943.55	558.68	195.70	137.60
ENSMUSG00000029671 Vars	23994.81	19872.35	22929.33	16101.23	19006.61	19094.44	17342.27	17704.00	13311.61	13312.96	45021.81	43621.32	39396.73	40330.68	28176.69	40873.81	33594.44	40791.12	38014.95	39847.57	22504.73	25147.58	28337.04	22007.01	21475.22
ENSMUSG00000045629 Sh3tc2	8378.70	5157.50	4173.44	3160.88	4094.86	2926.04	2383.35	2986.00	2482.38	2475.25	17493.21	18728.44	18023.31	16474.71	10580.94	13070.38	11002.69	13647.49	12789.28	12236.45	8826.85	7573.81	9956.21	6086.96	7510.79
ENSMUSG00000033575 Manf	3338.96	4180.60	1914.57	2337.35	1993.10	1871.22	1498.21	1946.30	1780.79	1967.12	5356.03	6137.16	8100.52	7629.21	9986.17	5240.59	3476.61	3544.17	4082.84	4176.93	3455.74	2972.83	3991.21	2425.44	2174.71
ENSMUSG00000026864 Hspa5	37019.18	37258.91	31098.09	31623.49	22464.92	26581.94	29499.51	28551.95	24910.02	25254.97	84514.99	77790.24	84234.76	93046.10	82970.95	75307.15	47461.44	48181.05	55911.82	55875.58	43068.12	44450.25	51371.81	31898.17	34314.26
ENSMUSG00000041435 Phxr4	826.10	305.22	371.21	211.23	206.88	206.89	250.7	90.16	158.95	124.57	2407.76	2931.37	3233.50	2993.43	2575.92	4060.52	2549.61	2596.05	3012.15	3876.61	1691.60	1964.73	1961.83	1148.64	1146.64
ENSMUSG00000037679 Inf2	7807.72	4115.04	4601.22	3482.56	2824.84	1673.52	2070.07	1723.76	808.81	1133.82	15337.97	18043.53	16140.76	17242.64	12102.35	12655.66	8716.43	8937.18	9721.73	9722.63	7318.54	7527.27	8126.13	5321.83	4774.51
ENSMUSG00000031765 Mt1	724.24	1056.43	2103.12	1103.10	825.60	1498.16	1633.18	1610.71	216.77	918.62	2984.65	3378.18	2420.42	2304.68	6532.46	2385.60	2352.68	2496.70	2643.61	3778.80	2199.46	3163.23	3579.22	1390.12	1519.16
ENSMUSG00000026158 Cg181	5991.06	6604.06	6275.81	6504.00	4732.01	4639.62	4736.15	4736.24	3927.52	4339.04	11633.88	14437.30	15922.83	15318.45	16512.87	10377.51	6391.77	7737.28	8069.32	7261.56	6394.46	5220.43	6309.11	4256.61	5643.72
ENSMUSG00000032732 Ioca4	12634.09	8600.64	6993.49	7836.97	6947.32	5754.21	4930.78	4975.64	4542.87	6295.52	23091.41	25245.94	23915.78	25108.80	21992.08	20191.87	17069.29	22632.57	22261.23	17350.85	8776.45	10344.46	9861.68	8444.28	8355.39
ENSMUSG00000074457 S100a16	6492.89	8984.53	5622.22	4832.79	4448.42	4334.87	5467.85	4543.75	4350.57	5801.82	12105.86	12553.40	11457.58	12238.58	19689.31	15056.34	11895.20	14918.16	14982.45	13349.16	8076.90	11168.62	11210.20	6945.53	9626.21
ENSMUSG00000026670 Uap1	4046.37	4823.27	2765.65	2663.17	2906.33	2206.67	2165.26	1945.71	2582.38	3106.70	9040.70	10738.87	8944.68	6883.00	7796.80	6436.40	6110.56	6292.87	6893.21	4520.34	3020.72	5060.34	4061.76	3623.39	3423.39
ENSMUSG00000029134 Plb1	2316.62	2370.80	1676.83	1773.38	1137.43	1770.07	1824.27	1264.38	1708.53	1506.39	4725.95	5232.71	4782.88	4204.81	7009.42	4457.33	3333.40	4494.72	5155.94	4880.46	3506.91	4964.02	4460.76	3532.74	3473.49
ENSMUSG00000024409 Pcsrs1c2	1061.59	1358.87	16.40	34.51	39.90	62.40	56.83	30.77	34.05	53.09	2464.32	2572.77	2178.36	1853.77	8846.09	4407.88	2092.50	2248.40	3072.03	3002.11	2295.68	2625.87	2968.93	2253.73	2253.22
ENSMUSG00000024844 Banf1	2933.39	2591.11	2513.01	2587.93	2230.66	1964.48	2704.45	2380.14	1343.75	1707.36	3281.74	2720.33	3076.53	3750.66	5511.00	3002.97	2464.76	2726.45	3072.37	2297.74	1762.62	1791.48	2394.85	1050.48	1846.93
ENSMUSG00000030669 Calca	1337.27	243.96	260.84	372.76	127.06	91.95	181.86	73.70	124.70	278.71	4522.80	4234.71	3528.62	3690.63	6852.83	5150.11	2399.38	3437.46	3769.70	3690.33	1608.35	2159.59	2008.47	1436.83	1301.02
ENSMUSG00000031897 Pxmb10	5770.52	8244.05	5919.58	5270.44	5877.85	4471.48	5942.38	5673.61	4204.89	3883.05	8010.75	6784.20	5847.03	7918.93	16265.77	9822.34	7515.71	6398.01	6607.41	6116.52	6982.51	6865.51	8558.05	4997.12	5377.12
ENSMUSG00000022847 Pla1a	959.73	0.00	9.99	23.47	50.33	33.50	163.39	0.00	0.00	0.00	1975.00	2075.67	2121.34	1482.52	2886.54	1027.08	1744.53	1968.92	2266.75	2134.32	1520.53	1027.33	1783.08	1048.40	1108.40
ENSMUSG00000022270 Fam134b	2409.13	2868.39	1986.11	2036.38	2251.53	2224.58	2137.55	2233.24	2053.50	2629.78	6911.75	7994.78	6906.54	10210.56	6506.60	7315.15	4749.98	5017.36	4617.58	5623.97	4467.65	5893.19	4794.05	3693.09	2923.10
ENSMUSG00000030538 Cbs1	4425.78	3507.83	4274.05	3767.65	3587.22	3182.19	2739.25	2923.03	3246.90	3505.74	5799.76	6202.87	5775.16	6284.34	11010.50	6641.23	6567.16	7552.18	6320.51	6490.83	5278.70	6021.62	6189.02	4501.15	4878.55
ENSMUSG00000023235 Ccl25	16152.79	13963.73	6492.68	6208.55	2631.49	1712.79	1353.74	2224.06	2242.98	4205.27	14666.80	19329.05	19846.15	8696.73	17213.64	12211.63	22129.54	18556.06	12055.44	14236.57	19.99	1731.76	1787.47	1348.21	1329.39
ENSMUSG00000025509 Prg4a2	3402.50	2240.76	2302.10	2431.92	1565.88	1948.72	1797.28	2014.99	2568.62	1787.95	5016.17	6366.76	6644.56	6425.97	7461.97	5301.86	4247.69	6360.99	4439.33	4927.25	3503.09	3817.37	2791.67	2724.68	3535.02
ENSMUSG00000043068 Fam89a	1785.82	1067.18	595.46	509.44	530.96	488.66	674.87	646.86	214.10	171.59	3139.69	3241.36	3776.69	4001.23	5051.27	3124.56	2783.36	2590.34	2391.89	2746.91	2000.13	2200.21	3201.55	1938.08	1537.06
ENSMUSG00000074141 Ikl1	63.55	0.00	18574.04	18866.88	19061.24	15406.52	14324.23	14322.49	0.00	0.00	34704.60	36481.30	36654.05	35846.59	0.00	44.30	17.64	0.00	0.00	52.74	21043.00	22612.28	21397.89	0.00	79.43
ENSMUSG00000021881 Txn1	9485.15	11729.32	8942.34	8199.38	7166.46	7864.50	10275.03	7062.62	6661.63	5731.68	14174.04	13267.02	11607.66	12267.29	20812.77	14041.21	10879.20	11437.15	10699.91	12090.13	13100.52	16534.40	13373.87	11369.84	12351.30
ENSMUSG00000034717 Hmgb2	5719.12	5541.17	5363.62	3788.36	3323.89	3389.08	5392.54	3584.92	4432.15	3660.26	4308.19	4646.74	6357.08	5815.22	6321.27	3684.44	2547.78	3832.71	3798.60	2470.43	2192.58	2746.04	3849.86	3172.90	3709.53
ENSMUSG00000054256 Msr1	2893.20	723.28	635.70	487.35	674.60	263.38	316.83	379.96	89.74	274.92	7329.51	7021.52	6904.22	8670.63	5710.69	7403.75	6577.54	6439.38	6642.14	7006.35	3782.61	2433.78	2306.96	2857.25	2791.10
ENSMUSG00000034855 Cxcl10	6935.84	8312.84	10057.25	13847.41	8152.88	13180.63	13836.91	16574.33	9119.53	9767.34	9703.17	11516.75	9980.75	11713.01	7734.93	9476.43	7238.61	6719.22	8647.64	7578.02	3915.62	5025.19	11595.71	6994.77	8891.24
ENSMUSG00000073421 H2-Ab1	81969.17	81159.17	57750.29	53865.52	49094.68	52634.51	52989.93	54721.53	53524.46	60630.40	122114.89	106215.56	105023.21	111653.23	221263.84	158556.06	120554.13	142367.79	81460.11	91129.29	95829.83	106637.72	98484.83	106637.72	98484.84
ENSMUSG00000036718 Mcat2	5806.97	2660.97	3106.23	2255.90	2757.94	2233.77	1883.95	2535.92	2231.81	2078.04	8648.46	12051.69	10323.88	10414.15	8305.28	10201.25	8530.67	6834.63	6304.91	8599.71	6887.05	6919.67	6621.52	5016.29	4891.97
ENSMUSG00000043061 Tmem18	5721.93	3214.44	2694.85	2801.93	3283.37	1048.91	1326.29	888.00	1158.44	966.97	7833.57	8404.49	9955.25	9834.71	8298.10	6430.10	4999.05	6087.69	5961.67	4985.09	2729.47	4964.87	3727.16	2648.92	2508.07
ENSMUSG00000029797 Sspo	23476.44	11004.97	9639.16	9255.53	1145.60	7701.62	6634.30	7464.64	4711.86	5835.95	79277.34	67918.52

ENSMUSG00000040936	Ulk4	253.25	155.83	316.73	140.13	132.59	185.22	240.11	195.35	99.06	152.63	216.90	511.75	359.35	365.41	235.61	796.46	830.24	463.84	550.40	364.95	617.83	565.29	169.69	308.07	578.36
ENSMUSG00000050558	Prokr2	1808.25	836.12	581.30	384.50	125.84	611.48	410.60	377.81	116.54	203.82	3866.76	3677.35	3280.55	3006.79	2438.00	5169.90	2989.89	2925.71	3352.99	4490.84	3981.17	2681.72	3004.88	3309.26	2625.53
ENSMUSG00000079037	Pmp	11632.62	8895.33	6296.68	8410.61	6014.30	5821.86	5955.88	4526.58	4340.08	5816.99	16406.42	19516.94	17371.84	17054.15	15530.20	17501.32	13636.62	15511.58	15901.39	18018.64	12557.53	9195.20	11513.04	8711.90	10889.19
ENSMUSG00000018286	Pxmb6	3159.54	4414.88	3792.61	4017.54	3200.51	2995.00	3654.94	3318.01	3302.84	3295.28	3928.62	3611.64	3848.56	4337.92	8055.31	3484.62	3482.84	4292.20	3832.33	2991.06	2859.29	3332.48	4385.05	3172.90	3333.65
ENSMUSG00000030086	Chchd6	1013.93	1046.76	915.18	947.78	721.25	742.18	755.85	655.45	631.67	603.88	983.68	1024.28	755.80	649.91	1318.85	1320.52	1377.15	1354.51	1435.62	846.44	500.22	929.17	1435.87	719.68	511.23
ENSMUSG00000025938	Slco5a1	4347.28	1707.70	2329.67	2050.19	2489.08	1232.15	1303.56	1787.45	762.19	1075.99	10438.65	12004.54	9783.69	10834.37	4107.39	9616.87	6580.65	6369.70	6746.92	8548.67	5783.50	5392.22	6001.92	3914.04	3513.76
ENSMUSG00000031957	Cbrb1	442.95	64.48	0.00	0.00	0.00	0.00	33.39	0.00	0.00	0.00	1434.28	1045.92	510.05	874.37	1831.73	1504.31	882.13	1093.19	1911.35	1473.41	748.43	533.13	982.48	825.74	507.88
ENSMUSG00000008682	Rpn10	6788.19	7392.89	11952.43	13467.74	10753.68	9365.94	12508.49	11601.96	8332.86	6927.10	11649.92	11914.09	9257.41	9868.64	12398.30	8203.98	5552.20	7357.27	7948.89	6430.43	7591.18	9401.68	11718.41	5850.86	5918.91
ENSMUSG00000036330	Slc18a1	396.23	226.76	38.75	136.68	0.00	0.00	0.00	0.00	0.00	70.15	2229.32	1865.35	1620.57	1346.79	1749.84	1879.45	1161.29	1450.33	1540.40	1766.05	894.29	833.54	671.81	630.03	663.37
ENSMUSG00000021497	Txndc15	2223.17	1029.57	1672.36	1678.81	1938.47	1418.68	1123.12	1347.38	1533.71	1765.19	3645.28	3388.23	4340.06	3019.84	5054.14	3665.59	3516.05	3134.76	3326.49	3683.52	2853.95	2531.09	2018.91	1850.96	2079.62
ENSMUSG00000019179	Mth2	5101.42	6024.79	5548.44	4706.46	4021.81	4534.54	4277.95	4691.87	4307.45	4225.28	7506.69	6408.50	6359.40	5843.93	9065.27	6158.64	5606.16	6560.25	6394.04	6768.16	5512.39	5645.24	5485.01	5520.06	7009.62
ENSMUSG00000022548	Apod	656.02	216.02	0.00	22.09	15.35	58.46	0.00	0.00	83.91	56.88	1788.65	1982.07	1370.18	1284.15	1540.09	2395.97	1720.66	2247.36	2837.51	3044.65	1955.07	1524.07	1346.23	1414.11	681.27
ENSMUSG00000019832	Rab32	2047.48	1200.44	2132.93	1219.76	1271.85	1483.05	1803.67	1508.38	1857.70	1546.20	2724.98	3055.83	3192.45	2401.26	3254.02	2923.80	1838.97	2523.93	3503.53	2471.28	2282.70	2946.59	2710.74	2114.84	2099.75
ENSMUSG00000047557	Lxn	1109.25	554.55	956.91	734.48	834.19	467.64	417.71	695.52	586.21	365.93	2313.33	2204.71	2450.56	2463.90	5694.89	2909.66	2117.10	2155.90	2482.22	2060.39	1388.41	1852.41	1743.92	1010.08	1148.88
ENSMUSG00000026668	Ucma	367.26	523.38	16.40	21.40	67.52	93.27	14.21	26.48	0.00	191.50	577.38	1053.65	1312.22	1380.72	3116.10	1553.33	1660.47	1499.33	1123.68	1791.57	737.73	823.39	1100.83	737.35	360.21

Supplementary Table 2 Cr - Normalized counts of the top 200 specifically upregulated genes of mTEC III across mTECAire, mTECBin, mTECBin, mTECAire, mTECAire and mTECCln.

geneID	mTECAire		mTECBin		mTECBin		mTECAire		mTECAire		mTECCln	
ENSMUSG00000062515	Fabp4	3384.75	2822.17	116.26	53.15	58.31	478.15	867.38	566.06	580.39	1475.10	8711.85	7143.66	6785.98	5990.09	8717.60	11176.79	13254.71	10401.66	14476.61	15697.94	14581.33	15322.80	11899.84	14534.98	15613.36
ENSMUSG00000026417	Pigr	921.41	360.03	62.60	48.32	23.33	404.59	642.19	406.43	761.03	778.32	671.32	650.13	540.19	368.02	1058.81	1453.42	1817.18	2762.38	2513.53	2848.99	6617.46	4916.63	4914.14	6225.85	7137.15
ENSMUSG00000030017	Reg3g	3016.56	1512.11	774.32	543.96	917.06	214.89	1450.61	1906.23	1464.95	3625.19	6759.76	7733.49	5856.30	5473.30	14317.67	9322.79	9561.20	8227.26	10517.82	11980.39	20926.92	19007.31	18382.57	17911.16	17591.18
ENSMUSG00000005547	Cyp2a5	1291.48	332.08	42.48	28.99	39.29	114.28	134.26	48.66	142.18	501.50	1354.09	663.27	544.83	589.87	2001.26	1662.66	4200.99	3262.16	4595.90	6480.62	11063.73	10357.93	6238.62	10088.12	12133.16
ENSMUSG00000021749	Ctrl	764.42	696.41	596.95	647.50	608.92	482.09	473.12	911.61	840.28	766.94	454.42	316.95	667.70	336.70	1262.82	1384.61	1915.77	2166.79	2364.19	2613.35	4593.66	4219.33	3610.55	5059.21	4502.67
ENSMUSG00000030413	Pglyrp1	825.16	721.13	211.65	176.72	102.51	334.97	490.17	423.61	461.51	794.43	1416.72	1328.08	1231.08	1482.52	2958.07	1632.50	1824.44	1701.85	1564.49	2155.67	4113.29	3191.16	2238.21	3897.63	3782.24
ENSMUSG00000046352	Glp2	1798.91	471.80	239.23	102.16	81.03	0.00	139.95	39.36	525.61	360.24	5192.59	6588.62	4905.75	5040.03	6446.26	5171.79	5432.85	5179.60	5841.23	6344.51	8008.93	7502.73	5955.80	5311.73	5814.88
ENSMUSG00000030747	Dgat2	1262.51	226.76	234.76	156.70	82.87	88.01	92.35	128.80	0.00	610.52	3247.37	2312.94	2350.87	2343.84	2613.27	3199.02	3483.88	2884.33	4641.67	4603.98	7675.04	3644.74	2919.59	3737.28	3792.31
ENSMUSG00000034634	Ctrb2	1105.51	240.76	95.39	113.21	114.17	585.21	266.39	322.53	379.93	1675.13	1647.12	1723.23	1582.63	728.21	2577.64	1512.14	2455.39	1324.24	2900.22	4766.92	6153.13	6594.72	5794.81	5142.52	4584.34
ENSMUSG00000026166	Ccl20	483.14	487.92	0.00	0.00	39.90	30.21	80.27	58.68	76.92	361.19	1121.15	902.91	1052.56	1218.90	415.19	1289.41	989.02	687.06	2200.40	1438.53	3060.91	2962.67	2820.39	2159.04	1560.55
ENSMUSG00000040026	Saa3	1695.18	257.93	0.00	46.94	40.51	51.23	83.12	13.60	82.75	581.13	3022.07	2077.16	1138.34	1490.35	6091.40	4159.49	5390.30	3408.06	3716.71	5431.71	7401.79	8224.57	6698.10	7200.57	8444.88
ENSMUSG00000033508	Aspv1	1526.03	87.05	98.37	26.92	136.27	164.20	371.53	100.89	320.49	311.90	2234.67	2053.19	2033.24	1657.39	2453.80	2474.20	4068.15	3570.30	3238.57	5190.11	7085.61	6271.46	4733.14	6626.09	5565.41
ENSMUSG00000032348	Gstal4	400.99	554.55	207.93	72.48	144.86	226.10	138.80	458.67	340.31	663.61	428.45	153.83	92.74	7.83	1758.50	1014.55	1584.00	1762.22	1384.61	1915.77	2166.79	2364.19	2613.35	4593.66	4219.33
ENSMUSG00000024846	Cst6	602.75	242.88	130.42	63.51	39.90	61.08	143.50	39.36	286.70	0.95	1092.13	699.60	544.83	548.11	2117.62	2036.86	2248.90	2109.08	2557.58	2285.83	2129.96	3137.00	2629.81	2416.60	1858.12
ENSMUSG00000005544	Gpa33	617.70	607.21	174.39	134.61	11.05	80.79	0.00	6.44	95.57	46.45	729.36	702.69	533.23	281.89	856.24	1340.31	1113.55	1040.93	1165.84	1953.20	1728.25	1507.15	1273.13	1775.21	2258.61
ENSMUSG00000055561	Spink5	942.91	187.00	0.00	99.40	13.50	147.12	80.98	176.74	318.16	219.94	541.48	374.92	579.60	394.12	451.11	556.11	1146.75	1073.59	1154.70	1774.05	3586.54	8296.08	7412.18	5694.73	7023.81	5678.40
ENSMUSG00000030717	Mspr1	477.51	240.76	0.00	110.45	35.60	218.55	219.51	288.39	216.77	136.51	1647.12	1723.23	1582.63	728.21	2577.64	1512.14	2455.39	1324.24	2900.22	4766.92	6153.13	6594.72	5794.81	5142.52	4584.34
ENSMUSG00000030587	2200002D01I	66.35	318.11	137.13	85.60	76.11	250.90	228.03	143.83	135.19	110.92	10.69	32.47	13.91	44.37	155.16	81.06	180.58	357.14	346.86	161.63	358.94	155.71	240.18	267.67	349.03
ENSMUSG00000062345	Serpinb2	955.06	307.37	0.00	35.90	0.00	76.19	83.12	65.83	265.72	342.23	1532.04	1275.52	1224.12	1148.43	1685.19	2246.10	4433.46	3362.33	3607.11	4091.86	8059.33	6270.61	5531.13	6977.09	6256.75
ENSMUSG00000026889	Dapl1	234.56	395.49	112.53	95.95	0.00	522.81	510.06	457.24	1568.68	1074.09	184.06	268.24	143.74	54.81	711.14	611.72	1039.87	1023.51	1181.49	2013.60	1942.85	1223.66	1026.86	2147.67	2659.09
ENSMUSG00000041981	Pyy3	401.83	1181.21	235.50	256.10	573.32	481.43	524.27	274.05	906.48	900.61	194.75	149.27	273.57	127.89	456.19	513.59	643.25	510.66	317.96	404.08	1595.37	1028.18	889.37	1531.28	1034.00
ENSMUSG00000001156	Mxd1	2550.24	1685.14	769.11	746.90	853.84	571.41	790.66	626.82	1039.57	1186.91	5665.34	7421.96	5058.77	6872.29	9313.81	6824.08	7191.91	6877.10	9082.21	7264.96	7781.34	6865.51	6048.04	5903.89	7059.96
ENSMUSG00000074115	Saa1	439.21	514.78	0.00	0.00	0.00	0.00	13.60	0.00	168.75	1707.70	1066.80	774.35	803.90	3216.66	1722.99	1911.62	1983.86	2229.30	3147.58	3159.43	4209.18	3384.29	3507.49	3301.21	2342.51
ENSMUSG00000021465	Bcl2l15	98.12	269.75	90.18	218.13	264.56	159.60	226.61	231.12	369.44	65.41	266.54	461.50	623.65	634.25	126.43	316.70	469.08	471.47	485.38	482.35	420.04	650.76	382.03	554.28	1023.56
ENSMUSG00000057933	Gsta2	256.99	398.72	0.00	0.00	0.00	71.59	0.00	0.00	78.08	145.05	533.85	445.45	662.79	88.74	1361.89	902.97	1123.93	976.69	862.72	1910.67	842.36	918.17	1208.74	1126.23	1457.63
ENSMUSG00000025467	Prap1	9.34	0.00	33.54	0.00	0.00	0.00	12.16	0.00	0.00	290.22	136.83	4.64	23.49	51.72	92.37	198.22	188.37	173.43	135.26	255.84	92.24	140.11	195.70	100.68	
ENSMUSG00000017723	Wfdc2	971.88	436.33	482.18	559.14	387.94	1559.24	779.29	2277.60	465.46	1403.05	826.35	1106.99	658.43	759.53	1637.78	1152.74	1146.76	1073.59	1541.60	1766.05	3233.51	3470.56	2408.72	2870.86	3324.46	3100.97
ENSMUSG00000036856	Gpx1	1713.87	3789.41	2826.76	2649.37	2540.64	2719.15	3522.10	3509.78	2575.61	2188.01	4804.52	4141.95	3799.87	4134.34	6052.61	3652.39	3513.97	4576.38	4406.81	5885.98	6381.48	4650.07	5270.08	4504.93	4917.70
ENSMUSG00000041984	Pyy2	2201.68	585.71	0.00	52.84	0.00	185.87	120.77	47.94	39.62	555.53	1842.11	749.08	922.73	798.68	416.19	2138.38	643.25	490.14	496.41	8653.30	15824.64	11142.39	9880.50	9880.50	9880.50
ENSMUSG00000026822	Lcn2	352.31	0.00	51.42	0.00	24.55	442.03	206.01	266.19	60.60	179.17	187.11	408.17	347.76	193.14	356.29	488.24	438.99	146.99	588.94	1004.67	878.26	1478.37	1274.00	877.50	1107.49
ENSMUSG00000022824	Muc13	520.51	0.00	0.00	46.94	70.59	153.03	23.44	29.34	0.00	119.45	1323.54	544.22	352.40	446.32	2060.16	1289.41	1329.41	1226.03	1350.11	1587.40	2146.76	1923.49	1267.91	2156.51	3008.12
ENSMUSG00000060960	Dmkn	1244.75	334.23	297.36	348.60	23.94	199.67	433.34	344.90	558.24	696.79	1027.22	1297.93	1214.85	780.41	1702.43	1985.02	3491.14	2890.86	4061.16	5131.41	7567.51	6008.28	5374.49	6381.15	6408.89
ENSMUSG00000059325	Mpx	160.73	209.17	68.64	75.24	38.67	135.96	39.07	141.68	262.22	40.76	952.37	46.96	933.51	349.75	1030.08	383.38	924.01	384.31	1764.41	1313.48	1091.33	1555.38	897.20	892.65	1485.60
ENSMUSG00000056501	Cebpb	337.35	649.12	326.42	322.37	181.08	426.26	546.29	298.39	205.12	605.78	589.60	515.62	827.67	639.47	485.59	497.67	574.94	517.20	410.69	1043.81	723.99	1556.23	897.20	925.48	899.42
ENSMUSG00000019122	Ccl9	777.50	226.76	218.36	356.39	77.34	225.28	0.00	150.98	0.00	264.49	581.20	661.72	549.46	456.76	953.94	1258.31	1360.55	1097.55	1568.10	1356.86	3931.53	3370.56	2408.72	2518.87	3387.35
ENSMUSG00000026863	Cdkn2b	698.07	0.00	230.76	260.49	145.65	182.31	204.26	126.45	238.28	191.13	340.34	1231.89	924.56	1138.34	850.88	1407.29	1141.31	1056.95	2244.88	1910.67	1822.19	1990.35	1532.79	2078.50	1532.79
ENSMUSG00000047281	Sfn	2254.94	2913.52	3225.47	2846.79	2298.79	4444.55	5307.30	5154.84	4553.36	4984.63	2821.20	2361.64	2037.88	2119.37	2304.39	2805.98	4827.82	3979.70	5712.36	5023.37	7680.54	8937.95	7402.98	6020.05	7147.22
ENSMUSG00000021281	Tnfaip2	1708.26	3002.72	2441.46	2346.33	2139.20	2678.42	3221.60	3390.29	3024.31	2407.00	2039.16	2174.56	2137.57	1706.98	2019.93	1575.01	3071.87	2665.47	2865.21	2653.33	5726.99	5958.35	5117.78	4786.49	5158.21
ENSMUSG00000034917	Tjp3	2580.15	1575.52	1390.65	715.84	869.18	833.48	578.97	588.18	677.12	969.81	3982.85	4001.26	4240.37	5246.22	3917.75	4027.53	5011.51	5692.44	5484.73	6183.73	4348.51	4980.10	4956.78	4195.60	5057.53
ENSMUSG00000021795	Sftpd	250.45	2.15	0.00	0.00	0.00	83.41	129.29	140.96	0.00	264.49	418.52	254.33	350.08	279.28	523.51	597.58	651.73	768.83	507.04	1353.46	1012.67	944.40	1054.71	1345.92	965.42
ENSMUSG00000079013	Serpina3j	658.82	221.39	51.42	330.65	329.01	0.00	144.92	86.58	201.62	134.62	309.31	161.57	447.45	634.43	462.79	1689.53	1087.75	1590.98	2244.99	986.70	1249.04	1220.92	1462.08	1475.53	
ENSMUSG00000037664	Cdkn1c	1453.14	1498.14	10897.90	9330.09	7825.71	1550.04	2778.32	1096.23	801.82	1200.18	3632.29	3473.27	3628.31	3612.33	3613.18	1443.99	4071.27	4043.94	3577.00	4221.17	6474.65	6248.61	5819.17	3794.09	3269.89
ENSMUSG00000020010	Vnn3	88.78	0.00	0.00	0.00	0.00	0.00	0.00	38.64	0.00	95.75	277.23	195.58	159.97	46.98	346.23	367.60	449.36	305.96	504.63	695.87	1289.13	792.92	1237.46	6381.15	6408.89
ENSMUSG00000059325	Mpx	160.73	209.17	68.64	75.24	38.67	135.96	39.07	141.68	262.22	40.76	952.37	46.96	933.51	349.75	1030.08	383.38	924.01	384.31	1764.41	1313.48	1091.33	1555.38	897.20	892.65	1485.60
ENSMUSG00000056501	Cebpb	337.35	649.12	326.42	322.37	181.08	426.26	546.29	298.39	205.12	605.78	589.60	515.62	827.67	639.47	485.59	497.67	574.94	517.20	410.69	1043.81	723.99	1556.23	897.20	925.48	899.42
ENSMUSG00000019122	Ccl9	777.50	226.76	218.36	356.39	77.34	225.28	0.00	150.98	0.00	264.49	581.20	661.72	549.46	456.76	953.94	1258.31	1360.55	1097.55	1568.10	1356.86	3931.53	3370.56	2408.72	2518.87	3387.35
ENSMUSG00000026863	Cdkn2b	698.07	0.00	230.76	260.49	145.65	182.31	204.26	126.45	238.28	191.13	340.34	1231.89	924.56	1138.34	850.88	1407.29	1141.31	1056.95	2244.88	1910.67	1822.19	1990.35	1532.79	2078.50	1532.79
ENSMUSG00000047281	Sfn	2254.94	2913.52	3225.47	2846.79	2298.79	4444.55	5307.30	5154.84	4553.36	4984.63	2821.20	2361.64	2037.88	2119.37	2304.39	2805.98	4827.82	3979.70	5712.36	5023.37	7680.54	8937.95	7402.98	6020.05	7147.22
ENSMUSG00000021281	Tnfaip2	1708.26	3002.72	2441.46	2346.33	2139.20	2678.42	3221.60	3390.29	3024.31	2407.00	2039.16	2174.56	2137.57	1706.98	2019.93	1575.01	3071.87	2665.47	2865.21	2653.33	5726.99	5958.35	5117.78	4786.49	5158.21
ENSMUSG00000034917	Tjp3	2580.15	1575.52	1390.65	715.84	869.18	833.48	578.97	588.18	677.12	969.81	3982.85	4001.26	4240.37	5246.22	3917.75	4027.53	5011.51	5692.44	5484.73	6183.73	4348.51	4980.10	4956.78	4195.60	5057.53
ENSMUSG00000021795	Sftpd	250.45	2.15	0.00	0.00	0.00	83.41	129.29	140.96	0.00	264.49	418.52	254.33	350.08	279.28	523.51	597.58	651.73	768.83	507.04	1353.46	1012.67	944.40	1054.71	1345.92	965.42
ENSMUSG00000079013	Serpina3j	658.82	221.39	51.42	330.65	329.01	0.00	144.92	86.58	201.62	134.62	309.31	161.57	447.45	634.43	462.79	1689.53	1087.75	1590.98	2244.99	986.70	1249.04	1220.92	1462.08	1475.53	
ENSMUSG00000037664	Cdkn1c	1453.14	1498.14	10897.90	9330.09	7825.71	1550.04	2778.32	1096.23	801.82	1200.18	3632.29	3473.27	3628.31	3612.33	3613.18	1443.99	4071.27	4043.94	3577.00	4221.17	6474.65	6248.61	5819.17	3794.09	3269.89
ENSMUSG00000020010	Vnn3	88.78	0.00	0.00	0.00	0.00	0.00	0.00	38.64	0.00	95.75	277.23	195.58	159.97	46.98	346.23	367.60	449.36	305.96	504.63	695.87	1289.13	792.92	1237.46	6381.15	6408.89
ENSMUSG00000041681	Iapp	294.37	194.52	76.02	57.99	0.00	36.78	104.43	43.65	202.79	57.83	765.26	953.93	867.09	1025.75	833.26	1718.27	1686.42	1007.17	2043.83	1789.87	2365.18	2186.67	1613.39	1981.01	2060.60
ENSMUSG00000026109	Ebi3	293.43	0.00	0.00	0.00	4.91	0.00	0.00	0.00	0.00	12.32	184.06	292.98	257.34	120.06	165.21	483.53	375.68	479.09	278.21	752.02	551.39	548.36	438.59	835.84	464.25
ENSMUSG00000028716	Pdzk1ip1	157.93	106.40	10.43	18.64	0.00	39.41	0.00	58.68	0.00	0.00	228.35	88.90	164.61	41.76	291.64	287.48	406.82	482.35	174.63	689.92	819.45	936.76	1142.60	838.36	981.08
ENSMUSG00000039236	Ngb20	2253.06	882.88	794.44	1370.24	439.50	1535.59	2119.79	1856.86	656.14	1097.79	1464.07	783.86	750.44	827.39	2325.80	2512.85	3100.64	1553.77	1683.53	1262.44	2598.11	2322.92	2570.64	2023.68	2023.68
ENSMUSG00000035896	Rnase1	223.34	0.00	35.03	35.90	0.00	0.00	0.00	20.04	53.61	44.56	200.10	401.21	111.28	200.97	132.17	355.34	810.52	591.24	435.98	898.34	1211.23	1274.43	1160.88	1265.12	1213.76
ENSMUSG00000053964	Lgals4	280.35	397.64	146.82	116.66	198.88	298.84	208.14	377.10	405.57	566.91	468.17	434.45	257.34	553.33	897.91	994.39	1240.16	904.82	523.90	1418.11	2071.16	1451.30	1430.64	1445.67	1839.10
ENSMUSG00000041261	Cat8	271.00	112.84	164.70	292.00	284.20	81.44	176.89	72.99	121.21	88.16	30.55	74.21	132.15	2.61	61.78	167.77	414.08	751.30	906.99	994.47	966.84	787.85	995.61	861.09	1023.59
ENSMUSG00000030688	Stard10	1155.04	990.88	1181.23	989.89	1389.19	853.84	1177.11	1155.62	1276.15	1510.18	1567.94	1995.22	1488.42	1239.78	1874.93	1538.25	1441.50	1663.74	1920.98	2326.66	1853.50	1666.24	1316.65	1781.52	2598.68
ENSMUSG00000024953	Prdx5	1300.82	1763.59	1385.43	1185.24	1155.84	1284.70	1785.20	1074.76	1060.55	1609.72	2283.55	1426.26	1940.51	1385.94	794.47	1800.28	2382.78	2469.48	2709.85	2652.48	2855.48	2479.47	2320.01	2887.55	2803.40
ENSMUSG00000017204	Gsdma	241.10	0.00	0.00	42.11	58.31	0.00	22.73	0.00	94.40	0.00	468.17	1202.85	795.21	900.47	2452.36	1157.45	1397.91	1513.48	1398.28	1760.10	915.68	1101.80	823.23	1744.90	1264.10
ENSMUSG00000052212	Cd177	228.02	0.00	277.24	595.04	790.61	40.72	132.84	80.86	404.41	214.25	142.05	195.58	248.07	5.22	96.26	352.51	1684.34	1859.73	649.16	1768.60	514.73	459.51	694.44	997.45	1560.55
ENSMUSG00000022469	Myf7	72.89	58.60	0.00	0.00	0.00	35.47	0.00	79.43	83.91	0.00	338.33	306.12	275.89	156.60	1846.10	243.18	465.97	274.39	605.80	558.08	523.13	431.58	696.18	541.65	248.41
ENSMUSG00000063903	Klk1	166.34	0.00	55.15	44.87	52.79	0.00	0.00	0.00	0.00	36.02	455.95	494.75	623.65	522.01	1725.42	1034.92	1007.70	1159.61	1104.41	2038.27	838.54	840.31	818.01	1564.35	1552.72
ENSMUSG00000024743	Syt7	1875.54	718.98	1634.35	1199.05	910.31	548.43	740.22	537.38	826.29	428.50	2775.39	3542.07	3166.95	3920.31	4022.62	3275.37	4294.39	3313.33	3900.98	4374.29	2513.34	2444.78	2251.26	2172.92	1494.55
ENSMUSG00000018585	Atox1	1305.49	1345.53	1606.03	1160.39	1181.01	1371.40	1459.13	1285.85	1147.95	1577.49	1997.15	1183.52	1147.61	830.00	2344.62	1126.35	3216.12	2257.16	1849.92	2406.63	2072.74	2255.07	2919.59	2010.05	2104.23
ENSMUSG00000031353	Ntsr2	7775.02	8544.86	8023.44	6317.62	7714.44	5903.96	7346.11	7373.74	6190.00	6927.10	1046.92	1148.92	1663.76	861.51	1747.16	9174.20	9414.13	9144.33	10729.79	10718.80	11353.94	10620.13	11400.78	10142.42	1639.56
ENSMUSG00000034926	Dhcr24	3258.59	1575.52	1859.42	1859.67	1975.30	2047.24	2118.37	2161.68	1032.58	1332.90	6083.86	7291.31	6308.39	5877.86	4557.06	5900.38	4759.32	4281.31	3858.82	5204.57	4943.43	4202.41	4289.32	3715.81	3828.11
ENSMUSG00000020777	Acox1	3580.06	1432.58	1185.70	1442.73	1854.38	2181.88	1919.83	1680.56	1979.44	4971.87	4460.44	2802.96	4194.37	4745.26	5178.39	5412.10	6470.96	4618.79	7220.73	8454.16	5302.52	5184.78	6253.63	5886.47	
ENSMUSG00000042759	Apobr	224.28	0.00	0.00	0.00	0.00	0.00	14.92	9.30	0.00	481.15	262.83	598.15	321.04	267.22	777.61	970.34	827.52	569.67	1125.47	1148.61	1033.25	903.29	1516.38	1037.01	
ENSMUSG00000006753	Saa4	562.57	377.22	574.10	591.59	749.49	481.43	347.38	585.32	702.76	564.59	330.69	534.44	563.37	190.53	691.03	499.55	391.14	415.53	319.16	284.98	330.68	616.47	258.18	284.08	312.16
ENSMUSG00000030909	Anks4b	448.56	41.91	14.91	0.00	57.09	39.41	0.00	85.15	0.00	53.09	452.13	326.22	468.32	122.67	491.33	737.08	688.06	1070.33	868.36	1346.66	788.14	593.21	835.41	1080.78	1443.45
ENSMUSG00000057530	Ece1	848.52	353.58	236.25	499.09	519.30	812.46	1224.00	953.83	1953.27	1531.98	1411.37	1035.10	1020.10	629.02	938.13	1502.43	1806.80	1354.51	1580.14	1606.12	2685.17	2110.51	1960.61	2709.53	2353.69
ENSMUSG00000026303	Mbl1	680.31	752.29	318.97	561.21	401.44	636.60	341.70	619.67	935.84	567.86	1075.33	867.35	505.41	890.03	386.48	985.91	1531.78	1259.78	1388.96	1619.73	2355.25	2095.28	2050.24	2133.78	3003.64
ENSMUSG00000031790	Mmp15	1414.83	698.56	1611.25	1112.76	1012.82	2280.40	2241.98	1151.32	1566.35	1772.96	2779.97	3102.21	1887.19	2557.86	4413.39	2711.71	4441.76	1331.84	3277.11	4180.33	5948.46	3289.32	3280.74	2342.79	1197.37
ENSMUSG00000028786	Tmem54	228.02	0.00	0.00	55.22	46.04	91.29	103.01	11.45	0.00	46.45	354.37	277.52	224.89	315.82	377.84	195.11	811.56	429.00	528.72	437.26	381.09	533.13	665.72	575.74	159.97
ENSMUSG00000018623	Mmp7	0.00	0.00	21.61	0.69	0.00	0.00	0.00	9.30	0.00	64.46	355.13	71.12	67.23	31.32	0.00	122.53	256.34	52.82	628.64	683.64	564.86	901.93	1073.87	984.22	869.93
ENSMUSG00000033022	Bcl2	382.21	102.10	244.44	186.38	359.09	336.28	174.76	116.43	386.92	566.91	1276.19	1013.46	816.08	801.29	1280.19	1100.90	1677.08	1382.22	1477.77	1881.74	2229.24	1481.64	1732.61	1721.62	1564.15
ENSMUSG00000044626	Liph	999.91	109.62	77.51	37.28	38.06	13.14	0.00	50.80	0.00	0.00	1603.07	1687.55	1270.49	1670.44	1519.98	2586.37	2340.23	1993.66	2733.94	3773.70	2338.45	1895.57	1074.72	1861.06	1532.59
ENSMUSG00000032091	Tmprss4	1527.90	962.93	1989.84	1606.33	1509.41	1328.05	1704.93	1427.53	1944.92	1788.89	2214.05	2823.14	2418.10	2938.93	1892.07	2017.06	3446.51	4483.83	4346.60	3695.43	2809.65	2746.04	3166.74	4176.66	5248.83
ENSMUSG00000026981	Ifitm	1322.31	750.14	2144.85	1792.71	1399.53	2623.25	2441.60	3165.60	2808.70	2212.65	3762.89	4651.38	3447.47	4082.14	5439.16	4059.58	3325.09	3338.38	2685.76	4256.04	5031.26	4638.22	3599.24	3887.53	5376.36
ENSMUSG00000018927	Ccl6	106.53	0.00	39.50	0.00	0.00	0.00	0.00	64.40	150.34	83.42	108.45	111.32	153.02	93.96	327.58	235.64	230.01	117.59	57.81	206.72	1577.81	761.61	1384.52	1214.82	846.84
ENSMUSG00000031087	Ccl8	934.50	813.55	1246.07	1473.10	1017.73	1313.60	1948.59	1636.47	1547.70	1305.41	1506.07	1153.38	681.61	652.52	1389.24	1387.44	1261.96	1287.01	1057.44	1456.40	2033.73	1661.16	1435.00	1564.35	2038.23
ENSMUSG00000021215	Net1

ENSMUSG00000023236	Scg5	534.53	1590.56	806.37	1443.42	968.62	1336.58	1437.11	1061.16	1726.01	2130.18	213.08	256.65	146.06	284.50	403.70	247.89	592.58	787.23	428.76	666.95	848.47	546.67	596.10	1126.23	1077.28
ENSMUSG00000039364	Sectm1b	42.99	0.00	0.00	11.74	74.89	72.90	56.83	25.04	0.00	0.00	81.72	126.01	23.18	78.30	137.92	108.39	59.15	308.14	193.90	220.33	355.12	233.56	467.31	763.87	821.11
ENSMUSG00000000385	Tmprss2	1454.08	185.92	73.04	142.89	149.77	40.06	109.40	274.06	171.32	326.12	927.17	1214.45	774.35	921.35	2068.78	2222.54	2840.44	2295.27	2804.99	3165.45	2588.18	2581.87	1164.36	2905.23	3278.84
ENSMUSG00000028830	AU040320	2548.37	1848.49	1306.44	1381.98	1444.95	1339.21	2283.18	1202.84	1475.44	2028.74	4170.72	4499.09	3987.66	4327.48	7237.85	6010.66	4946.13	4748.42	4200.87	5342.39	4323.31	5299.13	2484.48	3840.81	2926.46
ENSMUSG00000024521	Pmaip1	1159.71	487.92	661.04	974.70	686.87	518.87	728.15	293.38	428.88	179.17	4198.98	2805.36	2605.89	3199.94	3088.80	3410.16	2569.58	2651.32	3591.45	3856.22	4695.99	5271.21	5248.31	3169.11	4122.32
ENSMUSG00000039450	Dcxr	748.53	861.91	669.24	764.16	718.18	553.68	648.58	727.00	888.06	513.82	1852.04	1596.33	1690.12	1508.62	2570.17	1394.04	1684.34	1205.34	1822.22	1353.46	1934.45	2548.02	2344.38	1455.77	1408.41
ENSMUSG00000025867	Cpla2	827.96	1134.89	1342.21	1082.39	1103.05	1430.51	1280.12	923.06	1271.49	2858.25	468.93	762.99	730.30	1101.45	334.74	1126.35	1200.73	1229.30	805.73	934.07	597.98	1253.28	596.97	1184.31	1246.20
ENSMUSG00000052062	Past3b	1641.91	1595.94	1164.09	794.53	933.02	1178.95	720.33	996.76	1019.76	1334.80	1251.75	1740.11	1766.63	1902.74	2278.53	2032.14	1874.26	1555.95	1719.85	1901.31	1606.06	1384.44	1489.82	1321.94	1981.17
ENSMUSG00000026207	Sema4g	1002.72	149.38	209.42	35.90	179.85	183.25	95.90	165.29	134.03	157.37	886.69	461.50	282.85	595.09	774.36	811.54	1141.57	712.10	1173.06	1232.66	2110.10	1183.04	971.17	1661.57	1307.73
ENSMUSG00000070284	Gmppb	563.50	510.48	489.63	593.66	500.88	764.51	607.38	344.18	668.96	613.36	927.17	1178.89	598.15	1492.96	1530.03	849.24	560.41	1085.57	970.73	1048.91	1043.21	1012.10	630.04	1165.37	1002.33
ENSMUSG00000052415	Tchh	1882.08	1171.43	509.76	524.63	565.34	399.99	592.46	571.01	603.70	692.99	3587.23	4325.93	3855.51	4118.68	2695.16	6140.73	6982.28	4513.23	5759.33	7294.74	4378.29	5588.54	3395.61	4770.08	4727.52
ENSMUSG00000036820	Amdhd2	328.01	214.94	386.04	211.23	333.31	434.80	260.71	365.65	515.12	211.41	480.39	320.81	558.74	86.13	698.21	233.75	634.09	437.71	479.34	393.87	383.38	273.33	930.27	609.83	517.95
ENSMUSG00000032081	Apoc3	99.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	365.83	103.59	39.41	96.57	304.57	197.94	147.37	19.60	210.77	166.74	210.02	198.87	163.60	68.18	93.97
ENSMUSG00000047180	Neut3	255.12	0.00	31.30	138.06	103.74	7.88	80.98	79.43	0.00	182.02	445.25	386.52	271.25	334.09	851.93	522.17	816.74	620.64	414.31	813.27	844.65	1108.57	1019.90	883.82	517.95
ENSMUSG00000036499	Eea1	3874.43	2498.69	4183.87	4711.29	4571.80	2826.20	4103.19	4002.80	3429.88	3154.98	4986.39	4570.99	5594.32	4596.32	1719.67	4143.46	3884.46	3075.97	3426.45	4091.01	4354.62	3681.97	3714.98	4439.28	4525.04

Supplementary Table 2 D - Normalized counts of the top 200 specifically upregulated genes of mTEC IV across mTECAlb, mTECAlb+, mTECGlc, mTECAlb+, mTECAlb and mTECGlc.

geneID	mTECAlb			mTECAlb+			mTECGlc			mTECAlb+			mTECAlb			mTECGlc		
ENSMUSG00000025432	Avil	2592.30	2138.66	1672.36	1602.18	1923.13	342.19	300.49	123.07	145.68	674.91	589.81	583.65	581.92	438.49	1672.26	1090.53	4579.79	4813.77	4120.17	5325.37	1382.90	869.08	1079.95	2425.44	1969.99
ENSMUSG00000030263	Lmp	5090.21	2288.04	3127.10	2220.69	3307.31	399.90	888.69	392.84	861.26	270.18	305.49	328.54	264.30	289.72	0.00	899.20	4559.03	5548.72	3923.86	6694.15	1594.61	1237.20	770.15	2511.30	1565.03
ENSMUSG00000025739	Gng13	10.28	282.65	81.98	58.68	47.88	0.00	59.67	19.32	0.00	0.00	102.34	17.01	27.82	20.88	0.00	14.15	111.04	28.31	121.64	146.32	46.59	150.63	98.34	21.46	138.72
ENSMUSG00000022148	Fyb	815.82	366.47	196.75	116.66	178.62	298.84	185.41	254.02	164.33	236.05	623.20	304.58	642.20	185.31	376.40	894.48	1181.01	1251.07	1212.91	1176.52	1138.68	1044.26	1074.72	1329.51	731.61
ENSMUSG00000020788	Atp2a3	8264.69	4485.81	6225.13	4103.14	5804.37	1574.35	2029.57	1097.66	1480.10	2027.79	6952.99	7386.40	8193.26	7676.19	4222.32	6408.58	13058.56	14544.69	12462.89	16478.88	7410.95	8201.72	6088.94	8490.94	9182.09
ENSMUSG00000026296	Tpm5	2777.33	1830.22	1274.39	1371.62	2120.78	251.55	681.97	122.36	1071.04	218.99	454.42	582.10	461.36	391.51	396.52	980.26	4102.40	4162.63	2324.45	3942.14	1108.89	567.82	826.71	1647.68	841.24
ENSMUSG00000026126	Ptpn18	446.69	333.16	580.56	259.55	150.39	109.03	137.10	150.98	198.12	107.13	214.61	188.62	255.03	240.13	1068.87	487.30	799.10	1121.50	291.46	792.00	513.21	363.88	331.55	483.57	513.47
ENSMUSG00000040061	Phc2	5447.18	2634.10	5098.60	2224.14	5828.96	1252.52	758.69	1253.13	1703.48	714.77	1710.46	303.03	324.58	247.96	646.49	994.39	4220.32	6668.31	2074.41	4626.10	997.72	752.30	688.35	2462.06	1509.09
ENSMUSG00000028943	Espn	1865.26	1525.01	1474.12	1777.52	2379.82	1913.91	1593.40	1174.22	1552.36	1839.14	1392.28	1284.79	1365.54	1649.56	659.42	1330.88	2316.36	2743.87	3025.39	2297.74	2042.14	1743.25	1396.71	1989.85	2392.85
ENSMUSG00000052631	Sh2d6	735.45	430.96	414.36	468.71	480.01	103.12	74.59	16.46	195.79	94.80	177.95	245.05	102.01	242.74	206.88	254.49	3501.52	2737.34	2595.43	2759.67	576.59	39.77	375.94	1348.45	313.23
ENSMUSG00000022901	Pik3r5	1982.07	1119.84	912.19	910.59	1678.82	567.47	525.69	203.93	270.38	357.40	1027.98	808.60	623.65	762.14	1014.28	1451.53	3304.34	3462.50	2477.40	3505.73	1040.92	996.45	664.01	1435.57	1478.89
ENSMUSG00000034116	Vav1	777.50	780.24	789.23	385.19	485.36	294.25	179.02	181.03	342.84	180.12	202.44	106.68	252.71	75.69	415.19	411.90	1124.97	993.02	675.66	1568.69	881.31	741.30	344.61	1352.24	833.41
ENSMUSG00000042266	Ptpn6	2696.96	2358.98	1487.53	1272.91	1587.98	1242.66	1186.35	749.90	1019.76	868.38	1690.13	1242.28	1133.70	1106.67	2211.01	2121.69	3434.06	2967.08	2808.61	4268.80	2254.44	1881.18	1334.92	3023.91	2801.16
ENSMUSG00000034923	Lyl6gif	18.69	159.06	124.46	56.60	86.55	0.00	0.00	26.48	0.00	0.00	0.00	48.70	23.18	0.00	0.00	108.39	269.83	221.03	50.58	179.50	53.46	79.55	0.00	34.09	4.47
ENSMUSG00000027097	Ptprs2	861.61	715.75	196.00	163.60	249.77	1.00	0.00	19.11	110.19	38.98	150.55	56.56	253.15	2167.71	2346.45	3479.57	3408.21	3485.61	3485.65	4649.07	2301.03	1788.94	2211.23	2175.45	2216.10
ENSMUSG00000053310	Ntgn	48.59	58.03	0.00	26.92	54.63	73.56	0.00	0.00	0.00	24.65	287.93	132.96	146.06	70.47	162.34	99.91	194.07	299.43	175.84	262.02	85.53	40.62	176.66	97.22	118.58
ENSMUSG00000060063	Alox5ap	25.23	59.11	34.79	17.26	73.17	33.15	0.00	0.00	0.00	187.84	114.71	25.20	33.24	46.37	0.00	0.00	104.72	362.19	495.42	511.86	396.43	58.80	0.00	0.00	166.66
ENSMUSG00000026360	Crip1	1330.72	1739.95	595.46	555.69	481.24	602.28	450.39	594.62	283.20	328.96	1605.36	1278.61	1363.22	1101.45	3653.41	1744.67	2338.15	1810.74	2153.43	2058.69	1574.75	2147.75	2393.11	1760.06	1353.60
ENSMUSG00000044460	Dnase1	388.88	0.00	257.86	193.54	353.57	0.00	0.00	0.00	0.00	0.00	12.96	59.57	62.60	41.76	0.00	0.00	1174.24	1014.28	1451.53	1304.34	3462.50	2477.40	3505.73	1040.92	996.45
ENSMUSG00000029455	Aldh2	1278.39	1991.43	2141.87	2053.64	1781.95	1761.53	2663.95	2163.83	2011.54	2856.35	797.33	705.01	783.62	495.91	1107.66	1349.74	2290.41	2302.89	2559.30	2520.62	1721.38	1700.09	1472.42	2691.85	1889.44
ENSMUSG00000023439	Gnb3	4493.06	2498.69	1785.64	918.10	1405.67	194.41	239.40	206.79	31.47	528.99	77.14	366.42	192.43	318.43	527.25	765.35	3302.26	3327.49	2061.89	3833.25	1182.97	609.29	489.06	1178.00	525.78
ENSMUSG00000025766	Ms4a1	654.15	420.21	751.22	721.36	815.17	419.28	558.36	319.23	230.76	386.39	139.07	136.06	347.76	172.26	619.20	1409.08	1401.75	2216.92	275.70	374.88	433.37	566.90	612.16	1229.53	412.16
ENSMUSG00000033283	Hck	167.28	0.00	214.63	219.52	205.63	0.00	2.84	22.90	22.14	120.40	418.52	332.41	333.85	112.23	428.12	712.57	1178.93	1084.48	554.01	1643.55	369.63	475.58	63.53	472.21	451.95
ENSMUSG00000027797	Dclk1	1349.41	688.89	2341.60	2046.05	2511.79	2586.47	1910.23	1938.43	2908.93	3080.08	592.65	876.63	368.63	694.28	178.14	785.15	2870.54	2344.27	2008.90	2113.99	1570.93	977.40	1436.74	1637.58	1684.73
ENSMUSG00000026360	Rgs2	648.54	206.34	1149.19	907.05	965.55	833.48	1165.03	1108.39	1341.42	668.35	429.98	218.00	217.93	386.29	680.97	356.28	556.26	883.65	823.79	1150.99	976.01	1093.75	607.41	1126.23	934.09
ENSMUSG00000066705	Fcgr2b	831.70	1338.01	1041.87	506.68	783.86	1893.09	311.15	119.50	229.59	671.89	327.64	119.82	178.52	263.62	1610.49	422.20	517.86	822.07	619.05	1252.23	570.50	236.10	563.90	584.58	346.79
ENSMUSG00000033545	Fosb	5226.64	4491.19	14675.60	13157.80	5434.84	16477.76	13458.98	25846.45	3467.17	4779.86	11539.94	2789.90	8724.17	16404.24	511.45	1263.02	5786.74	3013.90	3163.90	1741.38	10600.16	8014.70	10626.28	3535.26	2510.31
ENSMUSG00000020377	Lto4s	118.68	0.00	32.79	17.26	84.71	29.56	0.00	8.59	0.00	6.64	74.85	27.23	23.18	203.58	0.00	43.36	431.72	225.39	240.88	328.37	62.62	141.32	4237.34	104.80	39.15
ENSMUSG00000021250	Fos	4781.82	7348.83	19829.57	15995.09	11593.53	26157.00	27864.91	36448.78	6295.08	11375.52	9173.15	2810.00	7017.82	14363.17	1294.42	1263.98	3261.60	3344.10	1352.51	2231.11	1015.46	1643.88	5310.47	6436.31	5706.37
ENSMUSG00000021090	Clnn	3224.95	2722.23	3708.40	4654.69	4317.06	2149.04	2229.19	2025.73	1971.92	2224.03	912.66	1112.40	987.64	456.76	1192.42	1062.26	3110.27	3200.09	2322.04	3230.10	2633.24	2044.51	2237.34	3189.31	2758.65
ENSMUSG00000066800	Rnase1	1401.75	921.02	397.97	699.96	1054.56	637.75	565.47	512.34	1447.47	925.26	2679.16	1526.75	2622.12	1114.50	2512.70	1894.53	3406.04	3206.63	3450.54	3715.85	2210.15	3305.40	2384.41	2521.40	3109.92
ENSMUSG00000031883	Car7	498.09	403.01	170.66	92.50	122.15	38.09	0.00	27.11	0.00	0.00	112.27	134.51	178.52	203.58	0.00	151.75	501.25	528.05	227.63	652.49	0.00	146.40	67.88	200.75	24.61
ENSMUSG00000029911	Krt19	1583.04	1074.70	697.56	601.25	533.42	486.69	634.38	537.38	590.88	351.71	1015.76	830.24	1027.06	801.29	1976.83	1091.48	2628.33	2107.99	2061.89	2912.79	2200.98	3241.93	2639.38	2541.60	3097.61
ENSMUSG00000021962	Plk3	1241.95	828.60	897.29	1170.06	821.30	905.07	1165.74	1662.23	419.56	620.00	628.55	795.46	855.49	1265.88	636.44	900.14	1714.44	1853.20	1360.95	2315.60	1822.95	1315.90	1982.40	1242.79	1196.21
ENSMUSG00000022265	Ank	4289.34	1737.80	1807.99	1588.38	1355.34	1310.97	1135.91	1056.87	1485.93	1532.93	14757.53	18388.30	16194.09	17724.93	14536.04	13285.28	9962.82	9003.60	12048.59	11628.20	7130.67	8458.98	6985.27	5150.12	5210.79
ENSMUSG00000031980	Agt	305.58	156.91	93.90	70.41	196.43	38.09	77.71	0.00	0.00	0.00	240.57	319.27	299.07	300.16	185.33	564.53	664.07	1025.40	796.09	698.42	384.91	452.74	583.92	540.39	193.53
ENSMUSG00000036027	1810046K07	476.59	686.74	318.97	425.22	400.83	61.74	85.96	24.33	0.00	133.67	69.50	93.54	51.01	26.10	456.88	190.40	884.20	946.20	437.19	1183.32	154.27	66.01	338.52	633.82	464.25
ENSMUSG00000068747	Sort1	1899.83	753.37	2770.87	2887.52	2672.00	1186.18	1507.44	1388.17	1019.76	2008.83	2102.55	2498.47	2471.42	1652.17	1202.48	1974.65	3058.38	3451.61	2579.78	3170.55	2629.42	2290.76	1996.29	2425.44	2345.86
ENSMUSG00000021069	Pygl	2212.89	844.72	671.48	492.18	554.29	432.83	816.94	759.59	446.36	657.92	4655.69	4899.53	5170.05	3836.79	5894.58	5397.06	2683.74	3660.07	2715.87	3849.41	1688.54	1601.08	2131.17	2209.54	2044.94
ENSMUSG00000028656	Cpq	8595.51	9706.73	7626.22	7274.56	5345.23	8405.75	8423.05	6240.33	8461.90	6527.99	6521.48	8665.78	7854.77	7005.41	8493.48	7982.48	12268.80	12063.36	1892.02	15395.94	8063.63	8765.75	11392.38	11780.78	
ENSMUSG00000072812	Ahnak2	84.10	0.00	1246.82	937.43	1086.48	746.12	304.05	571.73	0.00	373.46	418.21	229.52	190.53	0.00	0.00	12.45	39.20	51.79	48.49	1830.59	1194.04	1656.90	155.30	42.51	
ENSMUSG00000034330	Pkig2	1584.91	765.19	987.47	1016.12	994.40	664.68	262.84	435.06	574.56	673.09	2095.07	2076.39	1910.37	2586.57	2475.35	2216.88	3129.99	2238.65	2596.64	2479.79	2074.21	2343.07	1850.09	1598.44	1529.23
ENSMUSG00000030032	Kl4	1123.27	306.29	2243.97	2617.62	1606.07	2441.98	2109.85	2716.95	742.38	1309.20	2585.99	1742.43	2557.21	3708.90	2692.29	1674.06	1209.38	2537.54	2544.85	3343.24	5842.31	4544.29	3305.10	3213.30	2254.13
ENSMUSG00000064254	Ethe1	428.00	697.48	246.68	376.90	580.68	380.94	385.03	551.69	846.11	541.31	135.94	250.46	57.96	7.83	594.77	185.68	444.18	628.26	486.57	861.76	410.87	264.03	582.18	289.13	747.28
ENSMUSG00000023022	Lima1	12358.73	14928.71	14197.89	14115.24	13394.37	12977.68	15244.90	14565.78	17190.18	17136.22	6962.92	6714.63	7344.72	6548.65	8005.02	9803.49	9217.69	9352.02	9857.82	11375.54	10392.44	9530.31	10953.48	13701.67	14438.75
ENSMUSG00000057897	Cam kb2b	545.75	1.07	250.41	383.81	241.23	156.97	31.97	53.67	428.88	252.17	1422.06	647.81	1133.70	634.25	1199.60	1135.78	1385.46	1363.22	1118.87	1749.89	964.55	1248.20	1282.71	1157.80	917.31
ENSMUSG00000046433	Chn2	170.08	239.66	214.63	98.02	371.37	0.00	81.69	28.62	178.31	4.61	95.47	149.20	185.47	20.88	140.79	212.07	339.38	279.83	204.74	514.67	175.65	46.54	104.43	135.10	92.85
ENSMUSG00000037949	Ano10	1142.89	1460.52	714.70	713.08	410.04	765.83	542.02	631.12	734.22	882.60	656.04	736.71	607.42	587.26	616.32	775.72	1216.29	1228.21	522.70	1282.00	643.04	680.37	956.37	1063.10	364.69
ENSMUSG00000038034	Igsf8	2710.04	1167.13	1588.89	1375.77	1513.09	1638.71	1104.65	1216.44	1495.25	721.44	4869.53	6009.61	5483.04	5533.33	8647.21	5352.76	4842.35	4912.83	7108.23	7040.38	4866.30	4388.58	4443.35	3681.72	2400.68
ENSMUSG00000038418	Egr1	2272.26	8450.40	2626.75	3207.52	14807.40	2591.24	2692.81	3876.68	1008.58	1258.56	15974.91	4836.14	14302.27	25928.36	4564.23	2556.22	6637.77	4157.00	5426.07	4237.63	1550.49	1618.84	1755.87	6842.72	7755.78
ENSMUSG00000038242	Aox4	741.06	3.22	272.02	429.37	271.31	109.69	83.83	132.38	150.34	206.67	634.66	850.34	294.44	835.22	663.73	1273.39	1109.40	1060.53	1352.52	1736.28	1082.16	859.78	658.76	835.84	1050.44
ENSMUSG00000053560	Ier2	2016.65	2020.44	7979.47	7105.94	5385.12	7417.22	7398.68	10152.25	2714.30	3493.41	5406.44	1879.26	3542.53	4726.82	1672.26	1482.64	2936.96	2746.05	2437.66	2784.34	6002.69	6037.05	6125.49	2896.39	3021.54
ENSMUSG00000015970	Chdh	997.11	88.13	659.55	747.59	945.30	261.41	294.81	558.85	585.05	401.01	958.48	865.80	676.98	1378.11	495.64	945.38	2119.18	1768.27	1556.05	1861.33	1485.40	1096.72	1220.44	1050.11	1599.71
ENSMUSG00000029944	Anxa4	5354.87	6331.08	7045.66	5991.11	5175.29	6172.59	6620.09	5353.54	8355.01	6769.73	4757.74	5404.32	6278.25	6459.90	4475.17	6120.00	6593.47	7407.05	6189.69	8746.88	6874.84	5988.94	6039.50	6025.10	7413.46
ENSMUSG00000038871	Bpgm	875.62	1243.43	430.76	706.18	740.28	615.42	823.34	415.02	437.04	560.27	481.15	480.06	389.49	297.55	1142.14	667.33	955.81	928.78	1127.30	1054.02	698.79	880.93	1117.36	1076.99	1265.22
ENSMUSG00000031391	L1cam	695.27	687.81	394.24	258.17	502.11	44.01	125.03	111.63	93.23	655.07	853.85	840.29	1094.29	1012.70	235.61	1006.65	1567.07	1186.83	855.11	1357.71	1425.83	395.19	627.43	742.41	557.10
ENSMUSG00000013389	Adhgap4	1169.99	501.89	43.22	258.17	376.89	349.32	461.04	223.97	164.90	257.86	252.79	363.33	310.67	336.70	99.13	173.16	747.57	1164.40	968.30	982.56	1737.05	835.24	1339.59	1539.10	599.61
ENSMUSG00000036438	Calm2	6401.31	10489.11	9990.92	10092.18	7998.81	9211.60	9526.28	8633.85	8072.97	9199.48	5506.48	4693.13	4743.47	5990.09	10306.54	5522.42	8252.54	9012.31	7211.81	8591.20	9600.48	9052.19	8314.10	9179.06	9542.30
ENSMUSG00000024006	Stk38	3606.23	2583.59	2385.57	2301.79	3172.88	2145.76	2197.94	2109.45	1844.88	2311.25	2394.29	2454.40	2626.76	2396.04	985.54	2809.75	3740.21	4385.84	3597.47	4018.70	3554.26	3906.23	2885.66	3403.95	3496.92
ENSMUSG00000038365	Pbxo25	844.79	766.26	449.39	537.74	427.84	553.02	463.88	520.21	1192.24	740.40	323.82	591.38	598.15	373.24	938.13	761.58	731.64	825.34	1212.81	1064.22	724.75	766.69	723.15	616.15	940.81
ENSMUSG00000034918	Cdh2	377.54	0.00	49.19	8.28	67.52	0.00	8.83	17.89	0.00	0.00	563.63	517.16	714.07	253.18	466.91	822.85	1247.38	987.58	892.44	1227.84	1147.52	1254.27	688.35	744.93	920.67
ENSMUSG00000047139	Cd24a	3147.39	2822.17	7343.76	6886.43	5116.88	6080.64	5518.28	5435.33	6193.12	6519.46	4514.40	4778.93	4272.83	3607.11	4873.12	5167.07	12080.96	10739.20	13745.55	14966.34	13250.20	10401.93	11492.15	10307.82	12124.21
ENSMUSG00000047886	Gik6	2821.25	2127.91	2233.54	1963.21	2751.80	2044.61	1988.37	2413.56	2386.81	2979.59	1952.85	1631.11	1578.84	1884.46	1422.29	1312.99	1583.67	1806.38	1444.05	1438.53	1111.95	2044.51	1790.05	2118.63	1557.20
ENSMUSG00000012350	Elnf	2336.24	1671.16	3853.72	3980.27	4805.06	4118.13	3609.47	3553.10	4408.78	3570.20	3319.17	2935.23	2928.15	2842.36	1387.81	3522.32	3984.06	3680.87	4959.62	5088.03	5607.70	4410.29	3764.94	4150.15	5570.37
ENSMUSG00000020823	Sec14l1	1730.69	1602.38	1998.03	2073.66	2368.77	2440.01	2383.35	1717.32	1994.06	3126.53	1655.76	1921.78	1020.10	1265.88	599.08	2001.04	2648.45	2446.62	2087.19	3646.09	2795.14	3135.30	1986.72	3252.44	3202.77
ENSMUSG00000040699	Limd2	1243.82	2073.10	1029.95	1279.12	1268.17	1645.28	2089.25	1425.38	404.41	1531.98	905.78	933.06	978.37	931.79	2528.51	1410.06	1600.28	1573.37	2041.42	1345.80	1350.99	840.31	740.56	1446.93	1204.81
ENSMUSG00000031253	Srpx2	0.00	138.64	0.00	75.24	84.09	32.18	0.00	0.00	0.00	178.23	73.32	16.23	39.41	13.05	0.00	144.21	277.09	69.69	119.23	142.07	53.46	0.00	0.00	137.62	40.27
ENSMUSG00000039202	Adm2	7367.58	4898.50	7229.74	6521.26	6081.82	5447.49	4564.94	5021.91	7428.49	5696.50	8682.83	7813.12	7286.76	7950.25	6331.32	7067.26	9420.84	9824.49	10358.10	8651.26	6774.72	5760.87	7690.46	5904.37	
ENSMUSG00000049382	Krt8	30417.89	33734.96	25240.37	23062.90	15763.14	24540.61	31511.33	25920.15	23399.62	22202.38	34317.39	30116.87	34136.26	35120.99	40641.44	44311.30	43942.28	40099.70	37863.20	41843.30	36650.75	33681.05	36405.73	54137.50	38861.68
ENSMUSG00000032015	Pou2f3	1983.94	2558.87	2071.81	1384.74	1537.64	1042.34	895.80	996.05	1241.19	938.53	229.88	585.96	920.41	206.19	887.85	622.08	1514.14	1509.13	1435.62	1799.23	1357.86	1490.22	1099.09	1482.08	1522.52
ENSMUSG00000048905	4930539E08	2838.07	2304.17	2241.68	2685.95	3538.11	3120.45	3174.72	2882.58	3195.46	4376.01	2203.36	1744.75	1536.15	866.54	1797.25	2283.81	4214.76	2731.67	2704.34	3995.73	3092.99	2361.00	2983.12	3164.06	3561.86
ENSMUSG00000040770	Il25	94.38	0.00	25.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.54	0.00	13.91	0.00	0.00	0.71	1.71	37.02	0.00	22.97	135.17	0.00	38.29	26.51	0.00
ENSMUSG00000018417	Myo1b	2996.93	2763.06	5640.11	3817.36	5057.95	4729.61	4456.97	4467.91	5972.96	5862.49	808.03	681.05	500.78	469.81	114.93	793.63	2536.37	1859.73	2057.08	2290.93	2363.65	2405.88	2279.89	3352.19	3807.97
ENSMUSG00000029153	Ocla2	2062.44	4233.26	1608.26	2234.50	1688.03	1165.16	1886.79	1543.45	1870.52	1739.60	731.65	575.14	1040.97	584.65	2269.91	1344.08	1791.23	1110.61	890.03	967.24	1196.72	787.85	1028.60	2499.94	1194.75
ENSMUSG00000005672	Kit	2761.44	2169.83	1641.80	1734.03	1353.49	490.63	1250.50	553.38	753.53	865.53	4270.77	5297.64	5604.90	5856.98	2904.91	3978.52	4273.03	3339.36	4187.91	4010.57	4861.83	2942.54	3090.45	2099.85	1968.38
ENSMUSG00000046229	Scand1	770.96	1067.18	1222.22	1230.11	1067.93	1940.18	1547.22	1313.75	989.45	1236.20	962.30	1286.34	1671.57	1918.40	1600.43	993.45	1309.70	944.02	1071.90	1255.63	1186.03	1487.68	1595.99	861.09	502.29
ENSMUSG00000023367	Tmem176a	8084.34	9089.85	7764.83	7945.35	6736.78	8243.48	8720.71	7353.73	6205.94	6167.75	15076.01	15459.25	12973.82	14270.75	18619.01	11766.83	11497.63	13755.28	12362.93	14684.76	11059.15	12732.47	12900.17	10180.29	11060.35
ENSMUSG00000005769	Eno1b	3058.61	1991.43	2276.67	3558.49	3242.25	4567.82	3521.33	3209.18	3894.32	3534.39	9695.47	7748.91	9670.28	9345.42	2564.22	4417.87	7457.00	7426.60	8782.61	5241.15	5006.16	5985.16	6133.37	5006.13	3665.90
ENSMUSG00000024304	Cdh2	1104.58	624.40	750.47	1444.80	757.47	531.35	846.07	591.76	578.06	400.06	974.52	1175.79	653.79	1310.25	512.88	793.63	952.70	1118.24	1264.60	1215.65	629.29	358.80	514.30	612.36	740.56
ENSMUSG00000017978	Cadps2	2007.30	1034.94	3148.71	1766.48	2171.11	1392.41	1469.79	1217.87	2168.88	1418.22	1693.95	1634.21	1704.03	822.17	1577.44	1504.31	2310.13	2555.50	2208.83	2540.19	1483.11	1673.86	1181.76	1876.21	2181.42
ENSMUSG00000026032	Ifad1	640.13	456.75	493.36	560.52	749.49	386.85	645.03	465.11	467.34	801.07	733.94	988.39	315.82	99.13	840.11	557.30	668.55	480.55	713.74	749.95	648.52	594.44	647.71	498.93	
ENSMUSG00000024849	Ptgds	841.98	327.78	1258.08	1022.33	1115.33	1472.22	1220.65	1358.67	1245.51	1229.49	827.88	754.49	1066.47	1211.07	972.61	689.21	1287.85	1005.85	1203.74	871.23	1161.94	1223.63	1183.63	1172.68	626.25	774.12
ENSMUSG00000010025	Aldh3a2	5248.14	6535.28	5882.31	5449.91	6004.48	7141.37	5189.37	6580.93	6189.63	5540.17	3431.43	3372.77	2888.74	3150.34	2698.03	4137.81	5891.56	4311.80	4363.46	5947.23	5486.42	6177.52	4723.56	7397.54	5371.88
ENSMUSG00000024725	Ostf1	1306.43	1048.91	915.92	1031.98	690.95	762.24	810.72	864.75	927.15	2844.03	2175.33	2227.99	2392.11	2459.55	2391.26	2465.80	3079.23	2583.39	2911.94	2336.92	1860.87	2329.58	2594.63	1834.63	
ENSMUSG00000032562	Aqp4	9658.03	13118.91	2226.21	10788.69	1747.96	12580.32	11962.91	10027.18	6632.00	12915.68	8381.92	10096.68	9410.42	10643.83	10178.68	5384.06	8657.28	10258.85	8720.92	8600.97	7501.07	10263.63	8135.76	8660.13	10903.73
ENSMUSG00000023043	Krt18	25579.06	34162.69	20066.05	22300.12

ENSMUSG00000028161	Ppp3ca	2301.67	2468.60	3054.81	3127.75	2455.32	2614.71	3330.29	2355.60	3597.70	4086.87	4056.93	4018.26	4149.95	4144.78	4715.09	3844.67	2915.16	3157.63	3481.85	5312.61	3451.93	3961.23	3732.38	3225.93	3087.55
ENSMUSG00000030560	Ctsc	2823.12	2815.72	2700.07	1984.61	2226.36	2551.00	1854.11	2434.31	2182.86	2227.82	4089.00	5303.83	4606.68	5674.27	5620.18	4907.87	4417.89	4279.13	5658.16	5847.70	4834.99	4565.44	3787.21	3133.76	3895.23
ENSMUSG00000044139	Prss53	0.00	0.00	0.00	0.00	35.60	47.95	0.00	0.00	0.00	0.00	0.00	3.87	0.00	0.00	0.00	138.56	48.78	113.24	39.74	61.25	43.53	0.00	36.55	15.15	0.00
ENSMUSG00000055447	Ci47	4315.51	4753.42	2852.84	3461.85	2184.62	3710.25	3280.57	3197.09	6239.74	5972.46	4043.94	2950.69	3375.60	3105.97	5506.69	4331.03	4629.60	4112.54	4528.46	5372.16	4427.94	5572.47	4055.23	5913.99	6667.31
ENSMUSG00000029381	Shroom3	1339.13	1048.91	619.31	836.64	854.45	725.11	910.01	897.30	802.99	626.63	1071.51	1481.92	881.00	649.91	971.18	1622.13	1360.55	1106.26	993.61	1585.70	1318.91	1574.85	998.14	1405.27	1315.56
ENSMUSG00000018398	Sep-08	3878.16	3307.94	2959.42	2758.44	2940.24	2702.73	2362.04	3037.52	1723.68	1990.82	3315.35	3750.79	3389.51	2962.42	2584.54	3201.85	3009.60	2883.24	3251.82	2878.76	2772.23	2710.49	2659.40	3162.80	3034.97
ENSMUSG00000033326	Kdm4a	3680.05	3282.15	3896.95	4140.42	4484.64	3783.16	3151.27	3102.63	4703.70	3772.13	2218.63	2433.53	2765.86	1894.91	2777.05	2277.21	3728.79	3955.75	2992.88	3402.79	3545.10	3440.80	3386.03	4100.90	3322.47
ENSMUSG00000033740	St18	231.76	0.00	23.85	128.40	217.30	26.93	0.00	0.00	101.39	137.46	90.88	112.86	44.05	305.38	0.00	307.27	203.41	228.66	572.08	564.01	122.19	389.27	16.53	265.14	24.61

Supplementary Table 3 A - Normalized counts of the top 500 specifically upregulated genes of Pre-Aire across mTEC^{Ahr}, mTEC^{Ahr}, mTEC^{Gfi1}, mTEC^{Ahr}, mTEC^{Ahr} and mTEC^{Gfi1}.

geneID	mTEC^{Ahr}			mTEC^{Ahr}			mTEC^{Gfi1}			mTEC^{Ahr}			mTEC^{Ahr}			mTEC^{Gfi1}		
ENSMUSG00000059077	Plb	689.66	3517.51	12.67	169.12	155.91	185.22	91.64	0.00	0.00	478.86	128.32	74.19	57.42	0.00	263.91	292.66	119.77
ENSMUSG00000052957	Gas1	1206.44	1677.61	2999.66	3176.76	3190.68	7970.25	4783.74	6042.84	6296.85	6913.83	129.07	134.51	139.10	344.53	66.09	195.11	196.14
ENSMUSG00000020473	Aebp1	684.99	563.14	418.09	1080.32	589.28	908.35	1064.87	762.06	814.64	643.70	332.99	177.80	139.10	211.42	616.32	343.09	381.91
ENSMUSG00000041559	Fmod	155.13	369.70	491.12	271.29	209.93	868.29	436.89	451.51	961.48	1144.25	145.87	411.26	280.53	167.04	186.76	333.66	120.38
ENSMUSG00000007655	Cav1	539.20	528.75	152.03	32.44	62.61	857.78	1057.77	450.80	538.43	684.46	320.00	88.90	71.87	73.08	443.93	334.61	230.39
ENSMUSG00000021765	Fst	784.98	674.91	1225.95	1129.33	1068.06	2107.01	1875.42	2107.30	4441.48	3616.66	195.51	137.60	150.70	107.01	383.59	175.31	161.90
ENSMUSG00000074743	Thbd	326.14	592.16	387.53	290.62	248.60	394.74	328.91	329.15	920.69	707.21	14.51	102.04	67.23	20.88	0.00	60.32	194.07
ENSMUSG00000045954	Cavin2	128.03	259.00	166.94	113.21	16.57	147.78	59.67	80.86	79.25	221.83	0.00	44.84	25.50	0.00	420.94	129.13	190.95
ENSMUSG00000053185	Ccn4	0.00	0.00	0.00	43.49	18.41	0.00	0.00	0.00	0.00	11.38	0.00	0.00	0.00	0.00	0.00	31.10	0.00
ENSMUSG00000042985	Upk3b	175.69	0.00	0.00	0.00	0.00	0.00	107.98	57.24	0.00	0.00	250.50	154.61	370.95	349.75	0.00	273.34	71.61
ENSMUSG00000020241	Col6a2	3077.30	7234.91	3741.94	5395.38	3996.64	13623.97	9944.70	9843.13	14867.46	14149.99	321.53	439.86	595.83	331.48	436.74	968.94	1005.62
ENSMUSG00000067818	Myl9	392.49	554.55	364.43	246.44	121.54	1210.48	1175.69	514.48	1086.19	2363.39	115.32	161.57	127.51	33.93	287.33	143.27	136.99
ENSMUSG00000030217	Mgp	798.06	338.96	1452.51	1544.20	1857.95	2483.35	1577.61	2183.86	1770.40	5741.15	256.33	214.13	190.11	169.63	566.08	193.74	399.60
ENSMUSG00000050288	Fzd2	722.37	3167.15	2004.00	2000.49	1554.83	2336.89	2750.62	2337.71	2580.27	3008.03	86.30	232.69	217.93	258.40	0.00	337.43	286.43
ENSMUSG00000000739	Sulf5a1	543.88	1954.89	661.04	833.19	1056.40	2142.48	1898.15	2674.73	2866.97	3861.24	77.90	0.00	78.83	122.67	0.00	390.22	392.29
ENSMUSG00000041577	Prelp	108.40	0.00	50.68	21.40	65.68	161.57	203.17	82.29	168.99	0.00	243.63	199.44	76.51	381.07	12.93	238.47	153.59
ENSMUSG00000066197	Pcp135	47.66	317.04	59.62	68.34	85.94	196.38	29.13	88.47	185.94	0.00	0.00	0.96	0.00	0.00	0.00	1.83	16.00
ENSMUSG00000001119	Col6a1	6024.70	12336.53	7072.49	9740.81	6570.43	20972.23	13746.69	14790.46	24175.80	18016.92	898.15	1331.17	1015.46	1401.60	1050.19	2013.29	1813.03
ENSMUSG00000019539	Rcn3	1187.75	3253.13	1755.08	1678.12	1367.61	2368.41	1683.62	1431.82	2582.61	2077.09	113.80	153.06	257.34	341.92	1104.79	552.34	377.76
ENSMUSG00000033420	Antxr1	1312.03	2754.47	2445.93	2974.50	2478.03	6424.14	4125.21	5212.80	8203.50	6576.34	359.72	638.53	231.84	195.75	159.47	668.27	1150.91
ENSMUSG00000017607	Tnxb	137.37	2.22	222.83	190.52	141.18	846.61	895.09	256.90	1856.54	1663.76	288.69	232.56	280.53	216.64	0.00	90.16	322.75
ENSMUSG00000020467	Efemp1	138.31	602.91	643.16	464.57	458.53	430.86	666.34	374.23	933.51	777.37	229.88	206.40	207.8	198.36	0.00	170.60	108.97
ENSMUSG00000053441	Adamts19	408.38	507.26	335.37	641.98	880.85	1073.21	349.51	709.11	1409.01	1628.68	0.00	23.19	4.64	46.98	0.00	167.77	31.13
ENSMUSG00000055172	Cta	720.50	751.22	1266.94	1524.18	890.67	2427.25	1993.34	2025.73	2841.84	2424.06	0.76	7.73	34.78	15.66	239.92	95.20	136.99
ENSMUSG00000032085	Tagln	87.84	34.39	2434.38	1622.20	1587.28	2922.18	3514.78	3533.40	287.86	21.80	176.42	46.38	32.46	78.30	0.00	0.00	1.62
ENSMUSG00000034810	Scn7a	483.14	0.00	166.94	32.44	81.64	251.55	56.83	78.71	2.33	386.79	239.81	542.67	537.87	420.22	441.05	483.53	252.18
ENSMUSG00000038521	C1s1	2632.48	5084.42	2966.12	3720.62	4625.82	7303.60	5734.24	7078.24	11108.93	10964.68	235.23	132.19	148.38	177.48	0.00	528.77	783.53
ENSMUSG00000073435	2610203C20I	1943.75	2577.14	1025.47	1894.18	3778.12	2264.84	1530.88	1830.38	1600.14	3345.53	148.16	280.61	120.56	65.25	0.00	517.46	747.21
ENSMUSG00000032714	Spnb2	449.49	264.38	596.23	459.05	594.19	627.24	617.33	807.14	420.72	681.62	0.00	32.47	48.69	31.32	0.00	90.16	202.37
ENSMUSG00000059146	Ntrk3	154.19	187.00	22.36	0.00	89.62	298.19	89.51	0.72	96.73	355.50	176.42	297.62	326.90	219.25	0.00	488.24	340.40
ENSMUSG00000024076	Vit	70.09	0.00	23.10	19.33	16.57	213.46	0.00	144.54	212.11	338.44	85.54	0.00	9.27	0.00	0.00	80.12	0.00
ENSMUSG00000024529	Lox	656.02	1270.30	1843.77	2251.76	1870.95	3566.42	1981.98	3026.78	4075.53	3946.56	407.07	178.57	204.02	107.01	873.48	262.72	372.57
ENSMUSG00000044669	Stmk4	59.81	11.17	94.65	164.98	253.51	300.81	302.62	261.18	552.42	693.94	107.69	100.50	104.33	33.93	0.00	124.42	44.63
ENSMUSG00000039405	Pss23	89.71	111.77	0.00	0.00	0.00	0.00	51.15	0.00	0.00	85.32	45.82	0.00	0.00	20.88	0.00	39.59	36.32
ENSMUSG00000040488	Ldbp4	1691.44	1465.90	1182.72	902.22	490.46	1603.24	1060.61	820.74	1495.25	2151.03	112.27	269.02	224.89	399.34	455.42	335.55	784.57
ENSMUSG00000022464	Slc38a4	501.85	994.01	1476.35	1202.50	942.23	2137.22	1810.06	1704.44	2032.52	2930.30	258.90	93.54	0.00	57.42	343.36	239.41	151.52
ENSMUSG00000056468	5730596B20I	97.19	174.10	5.96	71.10	143.64	63.71	79.56	30.77	279.70	57.83	0.00	0.00	25.50	0.00	0.00	58.12	0.00
ENSMUSG00000022687	Boc	3514.64	5574.49	4367.95	5660.45	6184.33	10223.07	7550.70	8250.31	11436.42	10794.03	203.15	258.20	357.04	120.06	10.06	610.77	674.57
ENSMUSG00000076613	Igfbp2b	99.06	0.00	0.00	0.00	9.82	0.00	0.00	10.02	0.00	0.00	176.42	99.72	88.10	86.13	0.00	147.04	231.43
ENSMUSG00000044986	Tnt	67.28	27.94	122.22	272.67	170.64	557.62	334.59	205.36	461.51	823.82	0.00	43.29	99.69	88.74	0.00	64.09	34.25
ENSMUSG00000100301	6030407O03	70.09	378.30	224.32	171.88	144.25	103.77	66.78	95.88	0.00	185.81	0.00	0.00	0.00	0.00	0.00	85.10	0.00
ENSMUSG00000001555	Fkbp10	813.01	857.61	681.17	851.83	569.63	1380.59	667.05	952.40	735.39	1534.83	113.80	49.47	57.96	26.10	1.44	261.09	149.44
ENSMUSG00000046561	Ansj	42.99	0.00	0.00	52.46	0.00	0.00	13.50	51.52	0.00	9.48	0.00	0.00	0.00	0.00	0.00	55.00	11.98
ENSMUSG00000038334	Gm12577	52.33	0.00	0.00	0.69	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.77	6.96	0.00	0.00	2.83	0.00
ENSMUSG00000042116	Vwa1	1649.39	4606.18	2077.03	2251.76	2492.76	2933.92	2960.18	2819.27	4683.89	4590.26	135.18	2.32	23.18	54.81	678.10	167.77	482.57
ENSMUSG00000016458	Wt1	0.00	0.00	0.00	20.71	0.00	19.70	36.94	0.00	0.00	0.00	24.44	139.92	173.88	28.71	0.00	87.66	39.44
ENSMUSG00000027932	Slc27a3	839.18	1435.80	2576.35	2702.52	3338.00	5516.45	4422.87	4304.04	4595.31	3829.96	200.10	270.56	282.85	368.02	354.85	328.95	393.32
ENSMUSG00000104476	Gm38211	0.00	80.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040612	Itlr2	0.00	0.00	0.00	6.21	26.39	0.00	67.49	0.00	0.00	141.25	119.91	6.96	48.69	5.22	0.00	85.77	247.00
ENSMUSG00000076534	Igkv12-89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.88	0.00	30.16	0.00
ENSMUSG00000030782	Tgfbi1ii	998.98	1281.05	257.86	308.56	433.98	1029.86	863.12	673.33	1572.17	1565.16	101.58	22.42	88.10	237.52	462.60	153.64	339.36
ENSMUSG00000017493	Igfbp4	2146.54	3760.39	6775.88	4707.15	6165.92	16047.55	11245.42	9934.72	22464.41	20812.66	825.59	735.93	345.44	425.44	334.74	706.91	1376.12
ENSMUSG00000036334	Igsf10	1059.72	1047.84	2426.56	2772.93	2281.60	2145.10	1790.88	3138.41	3359.95	3415.68	174.13	593.69	245.75	368.02	0.00	469.39	431.72
ENSMUSG00000031070	Mrgprf	119.62	130.04	91.67	80.07	120.92	65.02	71.04	64.40	106.05	233.21	0.00	0.00	0.00	0.00	0.00	156.60	33.93
ENSMUSG00000074505	Fat3	341.09	411.61	999.39	830.43	1122.08	1567.78	1141.59	1610.71	3147.84	1286.45	198.57	129.87	115.92	10.44	0.00	163.06	467.01
ENSMUSG00000044177	Wfikkn2	5544.37	11141.46	11252.64	15063.23	10858.64	15730.98	12314.55	12922.15	20560.62	18865.39	1411.37	743.66	676.98	796.07	418.07	1253.90	1903.31
ENSMUSG00000022289	Angptl4	255.12	1004.85	365.92	441.10	420.47	524.78	510.77	629.69	818.14	635.17	70.26	56.43	0.00	23.49	0.00	78.23	179.54
ENSMUSG00000074364	Ehd2	695.27	1299.32	743.02	955.37	375.05	1636.08	1793.02	1037.55	2642.04	2654.43	323.82	108.23	171.56	73.08	0.00	253.55	278.13
ENSMUSG00000064329	Scn1a	45.79	112.84	35.77	95.26	23.33	30.21	67.49	55.81	0.00	0.00	0.00	0.00	141.42	193.14	0.00	293.51	0.00
ENSMUSG00000032372	Plxnd2	581.26	913.50	516.46	621.27	676.44	801.95	937.00	1069.75	1347.24	1461.83	0.00	3.09	20.87	99.18	0.00	114.05	98.51
ENSMUSG00000034161	Scx	325.21	823.22	523.92	410.73	644.52	766.48	668.47	553.12	1413.67	1710.21	87.07	96.63	53.32	41.76	214.06	156.46	73.68
ENSMUSG00000041734	Kitrl	1328.86	1117.69	1097.76	1609.78	1682.51	2795.31	1815.75	1962.76	2017.37	2670.54	183.29	156.15	132.15	107.01	71.83	392.10	418.23
ENSMUSG00000085816	Gm13052	0.00	0.00	27.57	59.37	0.00	34.81	0.00	0.00	0.00	0.00	0.00	20.87	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044177	Wfikkn2	1377.45	2993.05	1982.86	2453.32	1812.02	2101.75	2690.94	2199.61	3624.50	3684.58	64.92	61.67	169.24	164.43	0.00	417.50	417.19
ENSMUSG00000102893	Gm37855	0.00	0.00	0.00	15.19	0.00	0.00	0.00	0.00	310.01	0.00	0.00	0.00	4.64	0.00	0.00	0.00	0.00
ENSMUSG00000073491	Ifi213	70.09	212.79	61.11	163.60	234.48	640.38	347.38	535.95	561.74	596.30	0.00	28.60	81.14	0.00	0.00	39.59	20.76
ENSMUSG00000017969	Plgls	55.14	0.00	0.00	4.14	0.00	45.98	0.00	0.00	20.62	87.22	75.61	0.00	125.19	274.06	294.51	109.34	112.08
ENSMUSG00000062960	Kcir	183.16	105.32	90.18	38.66	4.30	90.64	252.90	164.58	217.94	309.05	0.00	41.74	204.02	148.77	0.00	297.85	112.08
ENSMUSG00000086283	2810433D01I	24.30	1.07	0.00	81.46	15.35	28.24	0.00	77.28	83.91	58.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000061576	Dpp6	664.43	1892.55	312.26	427.30	492.90	859.09	670.60	631.83	690.65	674.03	217.66	170.07	153.02	140.94	0.00	250.72	772.12
ENSMUSG00000041592	Sulf2	696.20	1645.37	1132.05	1065.82	1391.32	2117.52	2184.44	1707.31	2109.09	3505.74	219.85	271.34	129.83	177.48	93.38	446.77	198.99
ENSMUSG00000044631	Sgce	84.10	358.95	52.17	203.64	286.04	129.39	219.51	176.74	731.89	52.14	8.40	95.86	34.78	0.00	0.00	69.75	14.53
ENSMUSG00000020676	Ccl11	0.00	98.87	114.02	205.02	71.20	770.42	605.25	233.27	970.81	597.25	316.95	484.70	336.17	354.97	635.00	449.60	373.61
ENSMUSG00000031517	Gpm6a	99.06	39.76	78.25	22.09	33.76	94.58	86.67	40.07	0.00	0.00	108.45	129.87	206.34	26.10	0.00	121.59	191.99
ENSMUSG00000011929	Dcn	1291.48	1282.12	684.89	903.60	820.08	2707.32	2461.49	1671.16	3167.65	4158.92	1786.36	1583.96	1455.96	1717.42	1586.08	3150.11	1527.63
ENSMUSG00000029980	Bcam	1596.12	3770.06	2949.73	2654.89	2319.05	6070.13	4694.94	4259.68	7504.74	7268.39	1050.89	641.62	1138.34	955.28	1216.84	1411.94	860.33
ENSMUSG00000025105	Bnc1	661.62	1141.34	656.57	842.86	1235.64	1029.86	819.79	1057.59	1953.27	1627.73	29.02	97.40	0.00	13.05	0.00	437.34	19.72
ENSMUSG00000042745	Id1	442.95	1155.31	1824.39	1433.06	2144.11	3806.15	2478.54	3096.91	2003.38	2185.16	176.42	71.89	180.84	104.67	0.00	93.31	60.19
ENSMUSG00000020620	Aldoab	82.24	0.00	17.01	27.61	44.81	64.37	0.00	159.58	50.11	110.92	0.00	6.18	0.00	23.49	0.00	0.00	38.40
ENSMUSG00000030217	Ar4	391.55	977.98	699.80	985.75	675.21	1092.91	1290.06	767.79	1066.37	1549.05	168.78	75.76	48.69	112.23	0.00	216.79	142.18
ENSMUSG00000027408	Cpxm1	1044.77	2337.48	1668.63	1301.21	2137.97	1886.98	1702.80	1493.36	2110.60	1935.84	206.21	152.29	39.41	151.38	234.17	276.17	410.97
ENSMUSG00000027386	Fbln7	84.10	0.00	0.00	37.97	49.72	9.20	0.00	86.58	36.13	48.35	120.67	95.08	30.14	7.83	83.33	58.44	151.52
ENSMUSG00000029510	Gpc2	310.26	140.79	421.07	591.59	867.95	470.92	242.95	571.73	770.35	218.04	0.00	19.56	51.01	15.66	0.00	160.68	98.49
ENSMUSG00000083274	Zcchc9-ps	0.00	0.00	0.00	0.00	0.00	43.35	0.00	0.00	198.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000017984	Fndc1	324.27	0.00	0.00	28.30	0.00	324.46	181.15	69.41	0.00	242.69	643.82	234.23	737.25	493.30	580.41	564.59	681.83
ENSMUSG00000035930	Chst4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.11	13.91	18.27	0.00	49.01	0.00	32.67
ENSMUSG00000102494	Gm36988	86.91	0.00	0.00	55.86	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000022150	Dab2	189.70	30.09	50.68	58.68	60.77	132.02	239.40	155.27	64.10	380.15	329.17	289.89	326.90	109.62	0.00	314.81	76.80
ENSMUSG00000066369	Fbln1	1210.17	1727.05	1878.05	1561.46	1654.88	2262.67	2033.84	2747.72	4660.97	1748.13	544.54	443.72	535.55	890.03	475.53	213.96	483.61
ENSMUSG00000039883	Lmc17	1132.61	2707.18	2222.36	2142.69	2170.56	3019.30	1973.45	2138.07	2905.43	3283.90	77.14	85.03	185.47	15.66	153.72	494.84	503.33
ENSMUSG00000031285	Dcx	0.00	0.00	52.46	28.21	344.36	116.91	142.79	30.77	137.00	50.24	72.55	34.79	0.00	60.03	0.00	22.53	7.83
ENSMUSG00000022665	Ccdc80	2583.88	4214.99	2240.24	2796.40	1851.31	3934.22	2555.97	3358.80	5224.65	3409.99	643.06	543.45	238.80	568.99	528.69	937.84	1172.71
ENSMUSG00000030849	Fgf12	4956.57	6462.20	7097.83	8823.41	10210.44	11784.93	8680.92	12373.32	15493.30	15795.73	486.50	527.21	832.31	602.92	383.59	1326.17	1840.01
ENSMUSG00000070509	Rgma	843.85	1256.33	1079.88	1584.93	2298.18	3194.67	2368.43	2373.49	2757.42	3183.42	120.67	114.41	180.84	28.71	0.00	100.85	325.87
ENSMUSG00000022940	Ldlrap3	3686.59	5742.14	3771.00	4946.69	4994.73	5646.50	5048.72	5624.24	3913.53	5797.08	2097.20	1751.71	1409.59	1276.32	627.82	1857.77	2299.75
ENSMUSG00000018217	Pmp22	485.94	669.54	283.20	407.97	120.92	368.46	589.62	359.92	280.87	250.27	134.42	41.74	74.19	33.93	419.50	222.44	386.06
ENSMUSG00000032374	Plod2	617.70	1247.73	1792.34	1597.35	2564.58	4001.87	1476.18	2129.48	3751.54	2856.35	721.72	325.45	287.48	263.62	647.93	386.45	447.29
ENSMUSG00000053399	Adamts18	267.27	130.04	430.76	512.89	440.12	570.10	606.67	541.67	656.14	558.38	80.19	37.88	150.70	7.83	0.00	102.74	273.98
ENSMUSG00000053493	Tgfbi	12993.25	19355.42	21634.17	23044.95	32425.44	27701.13	19641.48	26151.28	36154.14	28430.83	1227.31	929.19	869.40	1164.09	1145.00	2402.59	3760.97
ENSMUSG00000047414	Flrt2	214.00	502.96	66.33	233.32	135.66	354.67	203.88	387.83	970.81	336.54	337.57	273.66	204.02	375.85	308.88	353.46	443.14
ENSMUSG00000058145	Adamts17	152.32	466.42	518.70	563.28	548.76	1326.08	1068.42	958.84	1996.39	1473.21	99.28	180.12	27.82	57.42	33.04	82.00	121.42
ENSMUSG00000061013	Mkx	107.47	1.07	371.88	222.28	205.63	516.24	289.84	272.63	868.46	469.26	0.00	22.42	48.69	0.00	0.00	114.93	42.41
ENSMUSG00000035783	Kcna2	1016.73	1620.10	1623.92	1186.62	817.01	5472.44	3951.88	2883.14	4624.46	4846.22	717.14	1071.43	690.47	1294.59	916.58	1083.94	900.81
ENSMUSG00000022676	Snai2	1255.96	1338.01	1451.76	1879.69	2292.65	2151.01	1815.04	2085.83	2903.10	2694.24	158.86	126.78	155.33	198.36	300.26	182.86	412.00
ENSMUSG00000038248	Sobp	40.18	202.04	267.55	195.35	195.20	629.87	386.45	390.69	646.82	573.55	35.13	17.78	27.82	20.88	297.39	0.00	117.27
ENSMUSG00000029659	Mcdag	41.12	0.00	57.38	0.00	0.00	0.00	0.00	27.91	0.00	0.00	0.00	13.14	0.00	39.15	0.00	0.00	13.49
ENSMUSG00000064057	Sugt1os1	17.76	0.00	0.00	0.00	29.56	0.00	22.18	0.00	0.00	128.93	0.00	20.87	2.32	164.43	0.00	140.44	198.22
ENSMUSG00000062157	Ifnlr1	504.63	553.47	574.59	640.60	793.68	1071.89	784.98	1018.23	1459.13	1515.87	107.69	51.79	55.64	15.66	242.79	58.44	131.80
ENSMUSG00000040183	Ankrd6	1317.64	2040.86	1276.63	1899.70	2600.79	3728.64	1824.98	3066.14	2565.12	3173.94	544.54	246.60	129.83	73.08	472.66	377.96	859.29
ENSMUSG00000049281	Scn3b	534.53	1699.11	1019.51	1133.47	1818.16	1338.84	1479.74	1712.32	1751.41	2974.85	176.42	99.72	261.98	28.71	386.46	110.28	427.57
ENSMUSG00000073418	Cab1	160.73	0.00	79.74	36.59	77.96	156.32	248.07	131.42	278.92	0.00	43.61	188.64	210.27	248.07	203.58	0.00	50.50
ENSMUSG00000009901	Mmp11	127.09	392.27	238.48	127.71	198.27	396.05	271.37	299.82	554.75	701.53	66.44	81.94	0.00	20.88	0.00	135.73	36.32
ENSMUSG00000032690	Oas2	323.34	42.99	108.81	564.66	512.55	1427.88	1287.93	968.14	1410.18	1386.94	273.41	187.85	71.87	417.61	0.00	479.76	328.98
ENSMUSG00000054459	Vsnl1	185.96	0.00	162.47	150.49	128.29	274.54	597.44	525.93	1259.84	612.41	71.79	64.16	108.97	0.00	0.00	111.22	0.00
ENSMUSG00000033149	Phkb2	770.35	1121.99	1249.06	1256.01	1305.61	1986.14	2389.74	2039.32	3687.44	2956.84	442.20	243.51	697.84	323.65	291.64	579.87	495.03
ENSMUSG00000101344	Gm29183	66.35	154.76	76.76	136.68	219.75	72.90	0.00	80.86	0.00	0.00	0.00	59.52	6.96	0.00	0.00	0.00	0.00
ENSMUSG00000028195	Cyr61	939.17	3390.69	4649.66	4934.26	2669.54	6449.10	7081.84	9483.21	3035.96	2917.97	906.55	307.67	500.78	1137.99	0.00	363.83	492.95
ENSMUSG00000051790	Ngn2	1060.65	1432.58	1907.86	2211.03	2384.73	3046.23	2053.02	2925.89	2679.34	3002.35	371.17	237.32	164.61	255.79	0.00	639.17	815.71
ENSMUSG00000079293	Pitpnc1	253.25	315.96	320.40	364.12	342.52	329.06	222.35	271.19	330.98	545.11	90.88	39.92	157.65	80.91	0.00	116.12	63.31
ENSMUSG00000028497	Hacd4	57.00	0.00	121.48	48.32	34.37	160.92	0.00	47.23	0.00	0.00	0.00	0.00	0.00	88.74	0.00	22.62	0.00
ENSMUSG00000087626	Gm15050	65.41	415.91	28.32	40.04	71.20	18.09	72.46	99.46	139.85	154.53	0.00	28.60	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000035208	Sfrs6	42.99	0.00	703.52	935.36	421.70	1536.91	1144.43	1109.82	83.08	4.74	294.80	79.62	350.08	114.84	0.00	30.16	0.00
ENSMUSG00000036256	Tgfbp7	277.55	315.96	189.30	91.12	98.83	488.00	521.42	279.78	273.88	569.75	257.38	68.80	88.10	198.36

ENSMUSG00000086450	Macrod2os1	0.00	162.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.12
ENSMUSG00000028469	Npr2	180.36	126.82	371.14	289.24	568.41	1017.38	618.04	768.50	571.06	764.10	129.83	112.86	78.83	78.30	326.12	82.94	157.74	144.82	99.96	364.10	139.76	372.34	82.67	276.51	116.34
ENSMUSG00000005836	Gata6	20.56	0.00	0.00	0.00	0.00	0.00	0.00	10.73	103.72	57.83	122.20	71.89	30.14	229.69	0.00	133.84	179.54	68.60	75.88	53.59	24.44	111.70	54.82	172.98	53.70
ENSMUSG00000031328	Fhra	38280.75	45803.89	52976.61	52518.67	57428.64	68862.03	58517.38	61272.00	77928.02	70683.58	10971.73	11474.23	10537.17	11554.74	9032.23	12686.76	16461.49	12586.96	11592.13	9845.98	21032.31	23985.72	21250.82	27939.94	37707.21
ENSMUSG00000025887	Casp12	813.01	1271.37	1116.40	1490.36	998.70	2089.93	1447.77	1823.94	1329.76	1581.28	79.43	57.20	62.60	117.45	0.00	31.10	186.80	274.39	269.78	119.95	367.34	511.13	937.23	718.42	870.33
ENSMUSG00000103160	C130012C08	12.15	2.15	105.08	43.49	0.00	0.00	105.85	0.00	0.00	38.87	70.26	0.00	20.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.81	0.00	57.54	0.00	37.88	80.54
ENSMUSG00000033377	Palmd	28.97	205.27	107.32	94.57	20.26	50.57	165.52	55.81	252.90	37.92	25.97	49.47	0.00	0.00	0.00	15.08	57.08	52.26	0.00	28.92	93.94	128.63	0.00	170.45	209.19
ENSMUSG00000002900	Lamb1	7956.31	9823.87	12239.36	12562.07	13083.77	13208.22	12490.02	13875.98	12101.88	16521.91	1706.93	1402.29	797.53	1440.75	3141.96	2446.87	2604.86	2971.44	2756.82	2754.56	5473.44	4317.50	6538.85	7321.78	7826.26
ENSMUSG00000056870	Gulp1	28.97	782.38	207.18	203.64	248.60	541.86	373.66	255.45	353.13	200.98	0.00	52.57	303.71	15.66	185.33	270.51	225.20	11.98	118.03	69.76	0.00	116.78	302.84	205.80	44.75
ENSMUSG00000055872	Gm9985	33.64	0.00	0.00	0.00	0.00	0.00	0.00	210.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.22	0.00	22.87	0.00	11.91	0.00	0.85	0.00	87.12	13.42
ENSMUSG00000028037	Il44	1602.66	2304.17	2764.16	2748.77	3396.93	5500.69	4068.38	4037.86	5365.67	5867.23	732.42	312.31	489.18	433.27	479.84	920.87	705.70	508.49	475.73	222.03	1990.20	1946.34	1569.01	2201.96	3132.29
ENSMUSG00000067558	1700026902	369.13	335.01	746.75	731.03	535.87	931.34	262.82	583.23	888.72	1135.13	607.67	188.64	41.74	150.70	109.62	0.00	87.66	3.11	119.77	137.36	109.74	205.44	292.80	0.00	348.48	515.71
ENSMUSG00000085743	8430419K02I	0.00	0.00	55.89	42.80	57.70	119.54	0.00	27.19	71.09	125.14	0.00	0.00	25.50	0.00	0.00	0.00	47.74	0.00	78.28	22.12	1.53	40.62	0.00	0.00	0.00	61.53
ENSMUSG00000052560	Cpne8	533.60	363.25	117.75	270.60	151.00	455.82	875.91	714.12	1541.87	958.44	248.21	59.52	125.19	109.62	199.69	127.24	162.93	296.16	81.90	166.74	287.92	258.95	456.00	207.07	714.83
ENSMUSG00000039959	Hp1	378.47	636.22	725.88	641.98	781.40	1008.19	568.31	992.47	857.76	1139.51	191.70	272.11	213.29	96.57	0.00	377.02	118.31	216.68	393.83	422.80	420.80	366.42	502.99	444.43	406.08
ENSMUSG00000033793	Hc1	1145.69	1683.52	1799.80	1524.18	1626.03	2166.12	1816.46	1917.35	1417.17	1535.78	250.67	47.93	30.14	28.71	184.95	302.99	204.08	138.28	264.96	171.84	720.17	404.50	436.85	1133.80	458.66
ENSMUSG00000022816	Fdf1	5104.22	6558.92	4399.25	6042.88	5059.79	9666.10	7279.33	5565.56	9853.76	10071.65	1656.53	1342.77	1506.97	1558.21	2035.74	1999.15	2246.82	2115.61	2494.26	1699.70	2282.70	2125.75	2944.83	5016.29	5923.39
ENSMUSG00000034910	Pygo1	836.38	391.19	1000.14	1179.03	1332.62	1029.86	1241.05	1320.91	1674.73	1134.77	93.94	337.05	85.78	456.76	395.08	224.33	436.91	304.87	198.72	253.51	476.55	385.88	825.84	287.87	387.06
ENSMUSG00000006931	P3h4	319.60	413.76	459.82	614.37	435.20	583.89	523.55	697.66	1112.99	866.48	132.13	88.13	27.82	41.76	196.82	195.11	85.10	77.31	184.27	49.34	200.09	305.49	71.36	247.47	230.45
ENSMUSG00000048096	Naa41	199.98	297.93	157.99	218.23	115.40	476.18	223.39	244.41	278.97	1086.42	175.66	69.30	69.55	5.22	38.48	74.46	81.52	179.66	181.86	156.53	164.20	71.08	216.69	202.02	543.68
ENSMUSG00000052387	Trpm3	398.10	467.50	35.03	24.16	14.12	246.96	397.11	80.86	567.57	140.31	365.83	194.81	301.39	506.35	610.58	344.97	573.90	212.32	125.26	271.37	177.18	144.71	79.19	804.27	356.86
ENSMUSG00000047749	Zc3hav1l	199.98	21.49	248.17	359.65	507.64	235.13	583.94	533.09	917.20	328.01	226.83	23.19	62.60	229.69	0.00	0.00	277.09	217.77	138.50	151.42	174.89	55.01	163.60	262.62	125.29
ENSMUSG00000022091	Scitb3	668.17	873.73	1060.50	1196.29	579.45	1546.76	1351.87	1305.17	2001.05	1883.69	332.99	370.29	373.26	151.38	79.02	385.50	590.50	700.12	258.94	414.29	831.67	886.01	469.05	762.61	1103.01
ENSMUSG00000022912	Prss3	213.07	151.53	241.46	270.60	303.85	128.72	257.16	294.09	303.47	252.17	18.33	37.84	0.00	5.22	354.85	592.69	67.33	118.68	314.24	173.54	233.69	208.03	194.06	0.00	315.47
ENSMUSG00000024534	Sncaip	311.19	199.89	1006.10	1056.16	789.38	885.36	981.75	1149.18	1503.41	1336.69	116.09	27.06	55.64	49.59	0.00	96.14	162.93	191.64	180.66	95.28	119.90	287.72	176.66	200.75	384.82
ENSMUSG00000103037	Pcdhgb1	77.56	0.00	40.24	0.00	85.94	214.12	162.68	192.48	182.97	0.00	0.00	19.33	78.83	0.00	0.00	67.46	95.82	0.00	93.58	20.62	0.00	0.00	248.73	10.07	
ENSMUSG00000099266	Gm26802	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.92	0.00	0.00	0.00	6.96	15.66	0.00	0.00	0.00	26.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000027574	Naa40	272.87	286.95	508.02	349.98	235.10	316.58	564.05	286.94	76.92	506.24	32.08	271.34	57.96	78.30	403.70	248.83	138.03	44.94	262.55	236.49	57.28	79.55	54.82	279.03	48.10
ENSMUSG00000074763	Macrod2os2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.97	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000054404	Slfn5	394.36	451.38	1092.55	1575.26	866.11	1740.52	1668.70	1651.49	1199.23	1257.06	734.71	241.96	338.49	206.19	158.03	284.65	95.48	76.22	134.89	136.96	1329.60	958.79	769.28	368.68	419.50
ENSMUSG00000039252	Lg2	1610.14	2136.51	1023.98	1660.17	1119.01	1060.07	1223.29	1611.31	523.28	779.26	134.42	132.19	373.26	151.38	0.00	503.32	726.46	133.93	0.00	156.53	318.46	288.57	791.03	852.25	83.90
ENSMUSG00000021212	Prss1	1453.14	3249.25	3373.03	1758.58	3464.45	3712.22	4175.66	4262.54	3619.84	2984.33	676.66	137.05	229.52	125.60	176.71	592.87	675.33	517.20	572.08	408.34	1134.10	1315.05	893.72	1342.54	1332.34
ENSMUSG00000048747	E130114P18I	0.93	0.00	62.60	21.40	79.80	55.83	50.44	83.00	78.08	305.26	0.00	18.55	4.64	0.00	0.00	15.08	0.00	57.71	99.96	43.39	0.00	0.00	127.92	79.54	38.03
ENSMUSG00000022894	Adamts5	31.77	0.00	0.00	0.00	36.12	95.90	23.61	0.00	0.00	84.77	172.39	25.50	174.87	393.64	197.94	67.46	135.02	55.40	67.21	71.79	0.00	1.74	118.68	108.51	
ENSMUSG00000102136	Gm37107	65.41	197.75	111.79	33.13	57.70	26.93	0.00	20.04	87.41	67.31	0.00	0.00	7.83	0.00	0.00	0.00	63.31	42.46	0.00	38.28	53.46	0.00	27.85	32.83	0.00
ENSMUSG00000021756	Mbl2	8481.50	9806.67	10971.68	11672.96	11600.76	13371.10	11501.87	13803.71	19331.08	15607.08	1984.93	2535.57	1928.92	1652.17	1110.53	2479.86	3615.68	2103.63	2933.86	2524.02	5632.29	5586.00	3632.32	5795.31	8673.09
ENSMUSG00000031273	Col4a6	0.00	0.00	0.00	81.46	0.00	17.08	36.23	70.84	0.00	99.54	89.36	104.36	261.98	203.58	0.00	60.32	5.19	0.00	0.00	0.00	45.82	237.79	91.37	15.15	96.21
ENSMUSG00000036459	Wtip	393.42	376.15	503.79	559.83	860.59	1336.58	1067.00	923.15	940.51	855.10	200.86	187.08	238.80	660.35	306.01	251.66	404.74	261.32	203.54	237.34	520.84	601.67	267.16	421.71	320.14
ENSMUSG00000039252	Lg2	5359.34	7409.01	6050.00	5570.72	8791.28	9623.41	9289.72	7828.85	6176.29	11767.64	743.87	1461.82	1031.69	702.11	554.55	2006.70	2966.77	1520.19	1550.03	1557.63	3238.85	4035.70	3001.40	4526.40	4196.15
ENSMUSG00000021390	Ogn	57.00	122.52	0.00	0.00	0.00	0.00	277.76	26.48	178.31	48.35	138.23	69.57	187.79	99.18	0.00	315.76	93.40	54.44	37.34	60.40	89.35	64.31	0.00	167.92	61.53
ENSMUSG00000045934	Mtmr11	453.23	533.05	356.23	463.88	710.20	802.61	772.90	762.78	930.02	557.43	40.48	0.00	11.59	169.65	0.00	132.90	124.54	135.02	331.20	158.23	360.47	298.72	457.74	380.04	382.59
ENSMUSG00000021835	Bmp4	16.82	0.00	0.00	14.50	30.69	9.20	59.67	28.62	0.00	39.82	104.63	0.00	0.00	0.00	0.00	63.15	30.10	69.69	27.70	34.88	0.00	0.00	66.14	0.00	0.00
ENSMUSG00000079355	Acle4	597.14	1799.05	580.56	771.75	476.95	396.05	1098.97	608.22	423.05	422.61	51.93	91.22	64.92	67.86	0.00	507.09	633.05	452.96	137.39	236.49	719.41	368.96	719.67	748.69	474.32
ENSMUSG00000017667	Zfp334	271.94	507.26	332.38	190.52	842.79	304.10	450.39	442.21	644.49	562.17	134.42	68.80	275.89	83.52	0.00	91.43	0.00	176.39	116.82	68.91	116.85	186.17	388.99	244.94	317.70
ENSMUSG00000055538	Zcchc24	439.21	571.74	731.10	640.60	414.95	1220.99	872.35	1043.27	1364.73	1841.98	211.55	221.86	46.37	96.57	168.09	403.41	355.96	243.90	86.72	119.10	542.99	376.58	430.76	583.32	510.12
ENSMUSG00000028128	F3	157.00	151.53	364.43	459.05	632.86	1345.78	932.03	1677.25	3576.72	2741.64	132.89	73.44	222.57	0.00	179.58	269.57	268.79	387.63	496.20	518.93	901.17	695.61	831.06	744.93	1434.14
ENSMUSG00000023411	Mbl4	5.61	352.50	5.96	28.99	83.48	270.60	186.12	118.07	95.57	228.47	97.76	51.79	18.55	28.71	364.91	4.71	0.00	0.00	0.00	3.40	32.08	0.00	64.40	41.67	0.00
ENSMUSG00000052713	Zfp608	732.65	1213.34	795.19	1184.55	1188.99	1142.83	1276.56	1339.51	2224.82	1575.59	168.78	94.31	78.83	120.06	0.00	278.05	799.10	136.10	177.04	133.56	297.08	790.38	487.32	806.80	943.04
ENSMUSG00000023886	Smoc2	463.51	931.77	1213.28	1693.30	1529.05	3012.08	1950.72	2868.65	5718.79	6380.10	555.99	453.77	176.20	253.18	1119.15	330.84	426.53	656.57	765.98	592.94	980.59	879.24	1626.44	1719.65	2118.77
ENSMUSG00000068245	Phf11d	922.35	1013.45	1113.41	1709.18	1700.92	2600.26	2557.39	2823.57	4067.37	3614.76	0.00	107.45	71.87	57.42	178.14	169.66	708.81	420.29	666.02	296.89	879.78	1809.25	602.19	1588.34	2732.93
ENSMUSG00000018593	Spanx	9234.26	6417.06	2419.10	2202.75	1594.73	4708.59	4174.23	3101.26	5011.37	5501.36	3262.61	2937.57	2717.07	3473.82	4423.84	4590.16	2767.82	4640.83	3323.88	3522.19	4188.52	3247.67	4888.76	4882.78	3392.94
ENSMUSG00000039607	Rbms3	1611.07	2532.00	1989.09	2538.92	2431.99	2727.68	2712.97	2954.51	2246.96	2728.37	799.62	755.26	850.86	720.38	1.44	1003.82	1086.57	645.68	392.63	370.05	1845.10	1093.34	1396.71	1669.15	1455.40
ENSMUSG00000020364	Zfp354a	31.77	0.00	0.00	0.00	19.03	59.77	59.67	42.93	0.00	0.00	35.13	23.19	78.83	0.00	0.00	21.68	12.45	14.15	0.00	0.00	88.59	0.00	47.86	29.04	38.03
ENSMUSG00000015879	Fam184b	88.78	168.73	0.00	64.20	0.00	0.00	0.00	25.76	0.00	206.67	0.00	0.00	32.46	2.61	0.00	28.28	35.29	0.00	29.10	112.01	16.16	0.00	0.00	0.00	0.00
ENSMUSG00000041731	Pgm5	2390.44	4944.71	3902.52	3988.55	2996.71	3500.08	3846.74	4003.51	4123.31	3571.15	750.15	453.77	312.99	595.09	949.63	1247.94	1201.77	538.97	757.55	560.61	845.42	1319.28	1733.48	1988.99	1441.97
ENSMUSG00000023224	Serping1	293.43	927.47	409.89	569.50	361.55	835.45	1415.80	801.42	1956.77	733.76	264.25	504.80	340.81	307.99	257.16	747.44	707.78	433.36	150.55	313.06	701.08	1299.82	375.94	549.23	636.53
ENSMUSG00000067586	S1pr3	9324.41	12145.23	16977.70	16561.66	16128.36	20168.96	16697.64	17053.03	15185.63	15336.90	1205.16	1852.20	971.41	1346.79	1884.89	1657.95	2847.71	1670.28	2010.10	1646.10	3810.10	4603.52	4690.50	6865.99	6992.84
ENSMUSG00000061048	Cdh3	4096.84	5800.18	5446.34	4997.77	4792.78	8117.37	7271.52	8706.84	11499.35	8524.50	998.96	831.02	517.01	1323.30	1646.40	1325.23	1622.07	1122.59	1041.79	1584.85	2753.90	2146.90	2853.46	3343.35	3790.07
ENSMUSG00000031563	Wwc2	452.30	803.88	562.53	760.71	896.08	1313.60	1221.84	1007.50	813.47	1331.95	129.07	227.27	118.24	36.54	0.00	390.27	477.39	273.30	183.07	279.88	487.24	386.08	395.08	641.40	643.24
ENSMUSG00000047896	Itf3	1781.15	3543.30	2503.32	3071.83	3029.25	6334.82	4647.35	5798.12	10453.96	9017.47	468.93	524.12	359.35	214.03	340.49	1155.57	1135.35	1160.70	1247.73	735.85	2449.19	3045.60	1983.24	3766.32	4976.99
ENSMUSG00000059493	Nhs	926.09	1306.84	1440.58	1954.93	2001.70	1328.05	1902.42	1930.56	2217.82	2837.39	274.94	177.80	178.52	234.91	560.29	519.35	382.95	471.47	244.49	268.82	1017.25	676.99	797.99	680.54	1146.64
ENSMUSG00000072722	Gm6588	73.83	0.00	0.00	0.00	0.00	5.25	0.00	75.13	0.00	0.00	25.97	27.06	0.00	0.00	0.00	26.39	45.66	0.00	0.00	45.94	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000029070	Meaf6	234.56	0.00	8.94	49.70	123.38	191.13	144.21	90.16	0.00	26.54	22.15	67.25	18.55	44.37	195.38	97.08	99.29	188.37	0.00	204.17	141.28	111.70	212.33	107.32	105.16
ENSMUSG00000021464	Ror2	101.86	126.82	95.39	92.50	79.18	248.27	90.22	74.42	81.58	163.06	106.92	122.91	222.57	18.27	0.00	159.29	131.80	70.77	0.00	61.81	124.48	35.54	0.00	29.04	361.33
ENSMUSG00000022146	Osnr	4396.81	6397.71	4422.36	5819.91	5381.44	7804.74	5494.13	6662.49	11279.09	9201.38	1312.09	1361.32	1759.67	1164.09	823.20	1722.04	2220.88	2341.00	1837.88	1452.99	3184.63	2880.59	2691.60	4051.66	4800.24
ENSMUSG00000043557	Mdga1	227.08	335.31	489.63	451.46	312.44	582.58	613.06	493.73	228.43	487.28	227.59	299.94	547.14	221.86	51.72	475.05	415.12	278.74	187.88	279.88	369.63	286.87	325.46	791.65	675.68
ENSMUSG00000023265	Zfpm2	0.00	0.00	73.60	51.08	23.33	122.82	166.23	52.95	272.77	446.51	90.88	44.84	9.27	31.32	0.00	0.00	0.00	66.42	0.00	11.91	0.00	0.00	0.00	29.04	57.05
ENSMUSG00000030306	Tmtc1	320.53	222.46	1172.29	1443.42	1282.90	1362.20	1057.77	1192.83	1665.41	1880.85	902.73	450.68	375.58	347.14	47.41	665.44	569.75	577.08	620.25	675.45	358.94	389.27	573.48	705.79	967.65
ENSMUSG00000046768	Rhoj	105.60	242.88	0.00	316.85	173.10	296.87	186.12	259.75	681.78	63.52	32.84	73.44	71.87	0.00	0.00	22.62	199.26	41.38	78.28	103.79	86.30	66.85	181.01	132.57	166.68
ENSMUSG00000039862	Cpxm2	527.99	625.48	1152.17	1157.63	774.65	2552.33	1608.32	2213.20	3324.99	3296.23	806.50	867.35	906.50	759.53	1333.21	1163.11	513.71	996.29	328.78	1071.03	1086.75	553.44	704.88	904.02	2011.38
ENSMUSG00000055980	Ins1	293.43	885.56	575.34	318.23	786.75	662.05	561.92	659.02	1087.35	1064.61	0.00	32.47	71.87	107.01	0.00	237.52	281.24	144.92	72.23	138.66	288.88	356.27	144.46	433.07	487.74
ENSMUSG00000091017	Fam71a	29.90	0.00	24.59	17.95	0.00	71.59	142.79	169.59	0.00	188.65	0.00	0.00	16.23	39.15	0.00	0.00	0.00	0.00	60.22	36.58	79.42	59.24	0.00	29.04	0.00
ENSMUSG00000068220	Lgals1	2386.71	3675.49	1901.90	2795.02	1311.14	2507.66	3638.60	1958.47	3312.17	3533.23	933.28	691.10	765.08	589.87	2120.50	922.76	903.92	1417.67	1616.27	657.59	592.63	720.99	1091.26	1561.83	1825.68
ENSMUSG00000026586	Pirt1	0.00	0.00	0.00	8.97	0.00	114.28	104.43	72.92	65.26	153.58	53.46	135.28	0.00	2.61	219.81	27.33	89.25	213.41	121.64	93.58	132.12	27.08	202.76	117.42	109.63
ENSMUSG00000019718	L3hypdh	83.17	67.71	0.00	102.85	70.59	258.12	297.65	260.46	337.98	140.31	0.00	0.00	0.00	0.00	0.00	52.78	0.00	45.73	52.99	52.74	134.41	150.63	0.00	45.45	78.31
ENSMUSG00000075538	Gm10855	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.05	0.00	40.53	0.00	0.00	0.00	0.00	35.13	0.00	37.42	0.00	0.00
ENSMUSG00000021127	Zfp36l1	5891.07	8404.19	6119.31	7035.53	6227.30	7392.92	5734.24	7219.20	15809.13	14886.59	791.99	446.82	484.55	681.23	270.09	1659.84	2537.41	1746.50	1294.71	1720.96	2475.15	3438.26	2552.36	5411.48	6854.13
ENSMUSG00000103932	Gm19893	0.00	0.00	94.65	59.37	12.89	0.00	68.91	17.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.31	0.00	0.00	0.00	153.17	0.00	0.00	0.00
ENSMUSG00000024678	Ms4a4d	38.31	41.91	31.30	31.75	2.46	11.82	0.00	122.36	130.53	104.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.28	159.97
ENSMUSG00000046618	Ofnh2a	4538.85	5570.19	7723.85	7919.11	9239.36	9903.86	8703.66	7767.32	14612.23	10766.54	920.29	1360.55	1214.85	1229.34	102.00	1221.55	2237.48	1989.31	1138.14	1638.45	3384.72	3407.79	2954.40	5035.22	5688.47
ENSMUSG00000040791	Pgf	194.38	755.52	315.24	537.74	500.27	847.93	952.63	637.56	1495.25	1307.30	141.29	384.20	178.52	240.13	465.48	282.77	41.51	93.64	211.97	258.61	268.06	159.94	185.36	209.59	52.58
ENSMUSG00000074710	Gm20065F04f	0.00	0.00	0.00	0.00	0.00	21.02	0.00	20.04	0.00	0.00	47.35	0.00	57.96	80.91	0.00	102.74	0.00	0.00	0.00	62.62	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000048387	Osr1	34.58	0.00	0.00	0.00	0.00	38.75	0.00	25.04	0.00	0.00	275.71	177.80	185.47	232.30	0.00	336.49	275.02	222.12	228.83	93.58	88.59	36.39	75.71	79.54	134.24
ENSMUSG00000054793	Cadm4	191.57	907.05	740.79	738.62	809.03	1207.20	998.09	957.41	1264.50	1690.30	341.39	170.07	271.25	232.30	797.34	477.87	367.38	468.20	458.87	423.65	255.84	784.46	781.46	890.13	982.20
ENSMUSG00000044921	Rasgf9	408.38	545.95	108.06	95.26	298.32	271.26	262.13	502.32	835.62	592.51	0.00	66.48	0.00	0.00	0.00	18.85	69.53	54.44	73.47	30.63	30.55	56.70	239.31	292.92	148.78
ENSMUSG00000014303	Glo1	1383.99	1604.53	1249.05	1610.47	1345.51	2252.82	1814.33	2352.73	1822.74	1770.88	951.61	850.34	642.20	853.49	248.54	622.08	742.02	447.69	622.66	512.97	946.99	1268.51	1471.55	573.22	658.90
ENSMUSG00000061527	Krt5	33892.35	43094.56	67898.89	67148.18	61979.57	113706.25	99946.41	89506.96	125977.76	131127.71	6385.54	6388.40	6329.26	6608.68	7825.44	5574.26	13604.44	18422.04	18066.86	15814.48	46849.97	51355.53	53206.24	44356.18	83927.54
ENSMUSG00000062488	Ift3b	608.36	1036.01	422.56	765.54	565.34	1647.91	1376.73	1392.46	2248.13	2817.48	232.94	69.57	231.84	216.64	350.54	532.54	368.42	178.57	240.88	278.18	707.19	699.84	563.90	664.12	1833.51
ENSMUSG00000068748	Plpr2	1835.35	4348.25	2271.54	3328.62	3646.15	4347.35	3321.06	3436.80	4933.29	5259.56	1216.62	2345.40	1861.68	1803.55	405.14	1777.65	2225.52	1956.22	1205.44	2114.69	1980.19	1323.61	1823.19	1776.46	
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ENSMUSG00000049321	Zfp2	106.53	410.54	221.34	212.61	224.05	161.57	351.64	128.08	110.72	0.00	0.00	36.33	83.46	0.00	155.16	139.50	43.59	81.66	0.00	59.55	64.91	78.70	80.06	58.08	43.63
ENSMUSG00000026365	Cfh	92.52	114.99	0.00	0.00	42.97	279.80	141.37	26.48	0.00	0.00	84.77	54.89	0.00	0.00	277.27	76.35	0.00	102.35	0.00	51.04	207.73	272.49	267.16	188.13	54.82
ENSMUSG00000079669	Gm17396	91.58	246.11	130.42	125.63	205.63	0.00	100.87	105.90	0.00	319.48	27.49	7.73	4.64	0.00	0.00	0.00	44.63	100.17	39.74	0.00	27.49	74.47	0.00	84.59	12.31
ENSMUSG00000037813	D630003M21	332.66	257.93	1072.43	868.40	858.19	1063.36	1031.48	645.43	868.25	721.44	226.06	121.37	452.09	368.02	356.29	184.00	252.18	486.71	213.17	221.18	576.59	641.45	180.14	517.66	360.21
ENSMUSG00000102187	Gm7897	33.64	234.29	20.12	75.93	114.17	100.49	176.18	155.27	207.45	198.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.15	133.65	90.55	0.00	23.99	0.00
ENSMUSG00000103851	Gm37606	131.76	0.00	0.00	0.00	0.00	0.00	32.68	0.00	0.00	108.07	0.00	18.55	55.64	0.00	0.00	27.33	0.00	0.00	0.00	16.16	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000065799	Gm25517	0.00	0.00	21.61	0.00	0.00	48.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.26	0.00
ENSMUSG00000036995	Aaap3	656.02	1718.45	943.50	576.40	1064.99	1655.79	750.17	1162.06	884.57	1566.11	744.64	392.70	285.16	548.11	0.00	606.06	1027.42	450.78	303.50	268.82	707.95	175.17	481.23	688.11	887.11
ENSMUSG00000025608	Pcdd1	71.96	0.00	54.40	0.00	0.00	44.66	65.36	65.12	109.55	104.28	449.07	245.05	271.25	195.75	1.44	340.26	266.71	126.31	261.35	292.64	74.08	340.19	300.23	319.44	127.53
ENSMUSG00000031298	Adgrg2	1430.72	1987.13	1530.76	2043.98	2128.76	2035.42	2043.78	3262.92	1737.66	2166.20	930.99	410.48	171.56	441.10	216.93	593.81	481.54	497.60	527.52	685.66	1236.43	1430.99	909.38	1150.22	1190.27
ENSMUSG00000044338	Aplnr	142.98	1.07	0.00	0.00	0.00	63.05	0.00	149.55	0.00	237.00	185.59	22.42	60.28	5.22	122.12	130.07	95.48	0.00	0.00	51.04	172.60	116.78	135.75	252.52	0.00
ENSMUSG00000103360	Gm38156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000054966	Lmntd1	26.17	812.48	254.88	269.91	313.67	229.22	74.59	115.92	328.65	509.08	122.20	31.69	134.47	315.82	0.00	156.46	100.67	140.46	231.24	74.01	72.55	142.17	0.00	70.71	116.34
ENSMUSG00000040857	Erf	1050.37	1225.16	1455.49	1643.60	1942.77	3226.85	1956.40	2331.27	2470.72	2579.53	442.20	282.93	148.38	234.91	353.42	328.95	378.79	663.10	700.95	288.39	971.43	826.77	715.32	672.96	1278.65
ENSMUSG00000013419	Zfp851	945.71	1486.32	1500.95	1165.92	1492.83	2101.10	1368.91	1635.75	1254.01	2047.70	425.40	305.35	301.39	159.21	399.39	425.09	797.03	334.27	269.78	399.83	398.65	500.97	787.55	914.12	1231.66
ENSMUSG00000044209	Zfp704	1571.82	1436.16	1622.92	1789.95	2213.47	1705.71	1909.52	1454.00	2130.42	1834.40	447.55	601.43	292.12	563.77	2.87	319.53	769.01	317.94	797.30	615.05	1071.47	642.29	784.07	1183.05	662.26
ENSMUSG00000041449	Serpina3h	1186.81	866.21	1880.28	2121.29	2525.29	2139.85	1920.89	1874.03	1821.58	2147.24	744.64	758.35	732.62	602.92	349.11	544.80	725.42	862.36	793.68	702.68	594.16	906.32	962.47	637.61	1280.88
ENSMUSG00000002059	Rab34	1412.03	2707.18	1690.99	1312.26	1557.28	2000.61	1735.47	1881.90	1678.23	1985.13	326.88	484.70	1008.51	391.51	439.62	508.98	504.37	636.97	372.15	455.97	704.13	725.22	598.71	938.11	995.62
ENSMUSG00000090919	Pabpc4l	238.30	377.22	415.11	497.02	964.94	271.26	361.59	424.32	146.84	336.54	136.71	119.05	0.00	36.54	0.00	183.80	77.83	128.48	50.58	14.46	31.31	81.24	53.95	243.68	60.41
ENSMUSG00000046191	Pcdh20	8.41	127.89	154.27	86.98	241.85	268.63	353.77	347.04	519.76	36.02	70.26	140.69	169.24	20.88	0.00	64.09	58.12	117.59	151.75	68.06	148.92	79.55	0.00	66.92	87.26
ENSMUSG00000102397	Gm37573	33.64	233.21	0.00	1.38	0.00	0.00	0.00	32.92	0.00	0.00	0.00	0.00	0.00	31.32	0.00	51.84	0.00	55.53	0.00	0.00	0.00	26.23	0.00	11.36	0.00
ENSMUSG00000022112	Gpc5	185.03	0.00	84.96	32.44	0.00	0.00	58.25	40.07	0.00	274.92	0.00	68.80	71.87	203.58	0.00	38.64	46.70	0.00	109.60	85.07	0.00	27.93	62.66	26.51	0.00
ENSMUSG00000038886	Man2a2	3207.19	3482.04	3647.29	3867.75	5167.83	4384.13	4214.01	5269.32	4556.85	5606.53	897.38	804.73	908.82	438.49	1.44	946.32	1314.89	1265.23	950.25	852.40	2301.79	1578.23	1800.49	2988.56	1859.24
ENSMUSG00000036862	Ube1	365.39	217.09	386.79	216.75	272.54	641.69	303.34	200.35	397.41	395.32	17.57	204.86	99.69	107.01	0.00	118.76	91.33	207.97	0.00	236.49	79.42	278.41	118.35	217.17	78.31
ENSMUSG00000050989	Selenon	799.00	1151.01	1319.11	1243.92	1478.71	1907.34	1306.40	1575.65	1300.63	2058.13	284.11	256.65	317.62	381.07	93.38	452.43	445.21	399.60	257.74	294.34	1016.49	906.32	725.77	684.33	1182.44
ENSMUSG00000066861	Oas1g	827.03	727.57	456.10	1237.02	1034.30	1398.32	1140.17	967.43	1081.52	1851.46	29.79	77.30	159.97	104.40	478.41	170.60	251.15	377.83	370.95	332.62	872.15	772.61	649.19	386.35	984.43
ENSMUSG00000020142	Slc1a4	1325.12	1900.08	1971.95	2027.41	1563.42	2462.34	2082.85	2743.43	3724.73	4230.02	300.91	255.88	129.83	247.96	0.00	415.67	413.04	503.04	445.62	272.22	687.33	992.64	1378.43	1102.24	1399.46
ENSMUSG00000022206	Ngr3	52.33	227.84	0.00	0.00	0.00	26.99	0.00	0.00	0.00	46.45	0.00	51.02	81.14	120.06	90.34	217.73	57.08	0.00	0.00	17.86	0.76	0.00	0.00	253.78	92.85
ENSMUSG00000085184	4933439K11I	500.89	347.13	963.62	870.47	1033.07	1089.63	1003.78	980.31	1025.58	1402.11	0.00	30.92	106.65	0.00	94.82	322.35	162.93	237.37	1.20	191.41	518.55	314.80	400.30	450.75	451.95
ENSMUSG00000045083	Lingo2	12.15	64.48	203.46	342.39	213.61	416.41	85.96	269.05	157.33	310.00	144.34	37.88	81.14	10.44	392.21	88.60	55.00	146.99	183.07	127.60	76.37	158.25	9.57	51.77	64.88
ENSMUSG00000026639	Lamb3	4205.24	8932.94	6540.38	7596.05	6918.47	11606.28	10399.35	9546.89	12449.18	11672.84	1350.27	824.56	804.49	970.94	1259.94	1806.87	1563.96	1466.66	1965.54	1012.33	3803.99	4352.19	3764.58	5027.65	6424.56
ENSMUSG00000023191	P3h3	999.91	901.68	789.23	1047.87	1519.84	964.18	1399.46	992.47	2019.70	1339.54	242.10	435.99	213.29	292.33	614.89	525.94	349.74	585.79	460.07	336.88	417.74	516.20	197.54	589.63	583.95
ENSMUSG00000034463	Scarb3	1396.14	627.63	2191.06	2540.99	2394.55	3724.70	2999.96	3061.85	4446.14	3855.55	111.50	361.78	459.05	383.68	372.09	417.55	680.79	975.60	1053.83	603.15	1230.32	2659.72	2233.86	1664.10	3036.09
ENSMUSG00000072621	Sfhl10-ps	9.34	0.00	529.13	439.72	302.62	516.24	451.10	559.56	75.75	0.00	126.02	118.28	143.74	60.03	218.37	0.00	0.00	0.00	0.00	0.00	242.86	651.60	338.52	55.55	0.00
ENSMUSG00000031636	Pdlim3	499.96	692.11	1411.52	1582.17	857.52	1634.77	2042.36	1711.60	3512.62	3292.44	182.53	180.12	236.48	125.28	547.36	237.52	793.91	503.04	1304.34	763.93	852.29	715.07	663.98	1775.21	1930.83
ENSMUSG00000054675	Tmem119	209.33	112.84	62.60	0.00	0.00	40.06	0.00	9.30	0.00	0.00	672.85	637.76	366.31	806.51	340.49	589.10	426.53	120.86	304.71	182.90	55.75	203.10	140.98	159.09	314.35
ENSMUSG00000031925	Mamf2	465.38	580.34	772.83	745.52	567.79	711.31	743.77	1018.95	1173.59	1372.72	126.02	186.30	324.58	54.81	0.00	457.14	300.96	299.43	225.22	398.13	665.18	565.29	683.99	747.46	824.46
ENSMUSG00000035245	Eogt	1909.18	2304.17	2682.18	2937.22	2862.29	3610.42	2676.74	3316.58	3837.78	2814.64	598.76	579.01	593.51	910.91	290.20	972.71	828.16	761.10	924.96	339.43	1240.25	880.09	1209.61	1215.88	1720.52
ENSMUSG00000001761	Lrp8	2269.89	3225.10	3551.36	3006.25	2427.08	3680.70	3046.93	3302.99	3420.55	2966.32	1052.42	1453.32	1349.31	2048.90	1217.57	1173.48	895.62	1334.91	1692.15	993.62	1389.93	1359.06	1409.76	1617.99	1394.99
ENSMUSG00000017466	Timp2	1019.54	501.89	1275.14	1236.33	798.59	1546.76	1549.35	1054.72	2631.55	1513.97	1451.08	1032.01	753.48	869.15	738.44	1814.41	1512.07	888.49	1739.12	1824.75	2091.01	2309.38	1752.63	2073.18	2412.98
ENSMUSG00000047910	Pcdhb16	38.31	0.00	0.00	111.83	36.22	53.20	75.30	46.51	153.43	288.19	19.86	0.00	113.60	10.44	0.00	0.00	53.97	18.51	0.00	62.10	29.02	0.00	0.00	12.63	0.00
ENSMUSG00000023972	Plk7	3072.63	4335.36	4693.63	4250.17	3576.78	4765.73	5175.17	5298.66	5974.02	5210.26	1224.26	857.30	955.18	1104.06	1084.67	854.90	2142.01	1962.08	993.61	1180.77	1935.98	1733.94	1857.92	2727.20	2916.39
ENSMUSG00000044376	F2r	948.51	570.67	1508.40	601.94	762.38	2095.19	1069.84	1344.52	1476.61	1237.15	462.06	502.48	577.28	631.64	0.00	635.28	624.75	499.78	503.43	616.76	688.86	791.23	850.21	843.41	737.21
ENSMUSG00000037892	Pcdh18	1170.93	662.02	1557.59	1620.82	1439.43	1041.68	962.57	1064.03	722.57	998.25	326.11	420.53	405.72	211.42	191.07	101.80	361.15	533.53	85.51	450.02	386.43	213.25	234.09	597.21	615.27
ENSMUSG00000099923	1700105P06I	0.00	0.00	0.00	0.00	22.71	0.00	0.00	0.00	0.00	0.00	3.82	28.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.68	0.00
ENSMUSG00000030513	Pcsk6	199.05	161.21	233.27	218.13	66.29	490.63	152.73	104.47	0.00	190.55	349.02	177.03	238.80	373.24	0.00	344.97	286.43	152.44	136.09	129.31	303.19	137.94	467.31	310.60	299.81
ENSMUSG00000033192	Lpcat2	870.02	1451.93	1107.45	1588.38	1355.95	2107.01	1739.74	1716.61	2413.62	1772.78	29.79	146.88	55.64	120.06	0.00	474.10	332.09	377.83	574.49	129.31	914.15	1152.57	1015.55	1167.90	925.14
ENSMUSG00000031355	Arhgap6	53.27	47.29	29.81	45.56	31.92	126.76	0.00	75.13	139.85	0.00	135.18	57.98	23.18	0.00	0.00	64.09	63.31	207.97	93.94	126.75	0.00	80.39	0.00	50.50	0.00
ENSMUSG00000044337	Ackr3	71.02	0.00	143.83	66.96	9.82	207.55	113.66	145.97	275.04	131.77	50.41	453.77	150.70	227.08	636.44	290.31	34.25	308.14	166.20	262.87	54.99	262.33	109.65	30.30	248.35
ENSMUSG00000087658	Hoiaimr1	142.98	23.64	16.40	84.22	95.14	1.31	50.44	60.11	153.84	154.53	0.00	0.00	2.32	0.00	91.95	51.84	42.55	21.78	0.00	53.59	62.62	146.40	20.02	80.81	137.60
ENSMUSG00000053007	Ceib5	54.20	0.00	0.00	46.94	27.01	63.71	0.00	108.05	199.29	356.45	85.54	148.42	85.78	5.22	0.00	177.20	46.70	121.95	104.78	48.49	259.66	134.55	0.00	44.19	167.80
ENSMUSG00000074220	Zfp382	303.71	434.18	419.58	344.46	324.72	216.74	354.48	306.97	860.09	259.75	228.35	104.36	113.60	125.28	252.85	11.31	292.66	78.40	0.00	62.10	69.50	144.71	33.07	390.14	403.84
ENSMUSG00000036867	Smad6	263.53	205.27	368.90	436.96	210.54	855.81	341.70	619.67	815.80	306.21	219.95	194.81	357.04	23.49	202.57	281.82	382.95	190.55	104.78	236.49	171.83	433.27	338.52	401.50	305.40
ENSMUSG00000038463	Ofnh2b	60.74	59.11	215.38	390.02	108.03	157.63	58.25	15.74	0.00	109.97	0.00	0.00	81.14	57.42	0.00	81.06	87.17	162.24	0.00	227.99	62.62	333.42	153.16	93.43	0.00
ENSMUSG00000097899	Gm18454	40.18	0.00	120.73	29.68	62.00	16.42	3.55	47.94	97.90	0.00	64.15	19.33	0.00	31.32	0.00	38.64	26.98	14.15	93.94	0.00	48.88	0.00	26.98	0.00	51.46
ENSMUSG00000021589	Rhobtb3	468.18	339.61	842.14	811.79	784.47	777.65	760.11	716.98	1089.68	764.10	356.66	308.44	102.01	214.03	192.51	160.23	92.36	207.97	201.13	180.35	202.38	300.41	911.12	327.01	420.62
ENSMUSG00000104501	Gm37736	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.83	16.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044033	Ccdc141	748.53	281.57	1091.06	1109.31	1405.06	2298.79	2055.86	1322.34	2581.44	2468.62	349.02	225.73	208.66	180.09	1.44	395.87	844.76	380.00	349.27	391.32	1004.27	567.82	1394.10	1300.47	1026.94
ENSMUSG00000031565	Fgfr1	173.82	456.75	187.06	66.96	302.62	112.31	159.13	160.28	418.39	592.51	258.90	407.39	489.18	143.55	367.78	132.90	223.13	417.02	358.90	211.82	318.46	149.78	107.04	286.61	255.06
ENSMUSG00000023913	Pla2g7	231.76	112.84	104.34	159.46	133.81	304.75	0.00	302.68	101.39	112.81	156.56	48.70	69.55	91.35	728.38	566.47	52.93	167.68	256.53	216.93	202.38	301.26	133.14	385.09	87.26
ENSMUSG00000103332	Pcdhga2	139.24	0.00	0.00	39.35	47.26	101.80	66.07	91.59	59.44	7.58	119.14	51.79	69.55	18.27	303.13	18.85	65.38	131.75	0.00	72.31	8.40	0.00	111.39	0.00	95.09
ENSMUSG00000002732	Pkbp7	168.21	449.23	22.36	190.52	183.53	290.30	284.15	199.64	235.42	85.32	0.00	33.24	6.96	140.94	0.00	124.42	118.31	80.57	0.00	42.53	87.83	143.86	96.59	66.92	101.80
ENSMUSG00000023885	Thbs2	1055.05	1810.88	1470.39	1670.52	1518.00	1793.06	1314.22	2122.33	1572.17	1335.75	659.86	960.12	846.22	584.65	751.37	1017.96	643.43	617.37	805.73	751.17	1215.81	1051.03	738.82	1313.10	1069.45
ENSMUSG00000016494	Cd34	566.31	442.78	270.53	541.88	235.10	740.21	805.58	616.09	951.00	391.53	571.27	473.10	496.14	488.08	576.10	448.66	510.59	544.42	755.14	547.00	414.69	308.88	514.30	700.74	510.12
ENSMUSG00000002808	Epdr1	449.49	829.67	480.69	560.52	511.32	600.97	756.56	596.77	332.15	618.10	216.14	198.67	90.42	300.16	307.44	341.20	354.93	233.01	84.31	239.90	79.42	122.70	181.88	231.05	58.17
ENSMUSG00000085977	Gm5970	87.84	176.25	13.41	135.30	11.05	392.11	109.40	220.39	217.94	235.11	143.58	30.15	173.88	18.27	209.75	78.23	207.56	41.38	66.24	17.01	289.44	101.55	70.49	186.86	57.05
ENSMUSG00000055485	Soga1	934.50	842.57	1939.16	1718.16	1783.17	1447.58	1430.72	2111.59	1869.36	1044.71	547.59	409.71	387.17	365.41	351.98	487.30	753.44	536.80	155.36	226.29	895.06	573.75	963.34	434.33	834.53
ENSMUSG00000050394	Amcx6	143.91	397.64	197.49	274.05	219.75	281.11	166.94	347.76	715.58	283.45	93.17	112.09	25.50	99.18	0.00	255.43	338.32	130.66	179.45	209.27	118.37	187.86	0.00	89.64	77.19
ENSMUSG00000103677	Pcdhga4	55.14	0.00	0.00	23.47	39.29	51.89	59.67	87.30	0.00	0.00	0.00	33.24	0.00	0.00	0.00	64.09	58.12	27.22	66.24	0.00	45.82	0.00	0.00	0.00	39.15
ENSMUSG00000103793	Pcdhga5	139.24	0.00	202.71	166.36	125.84	49.26	0.00	81.57	122.37	71.10	0.00	0.00	139.10	0.00	0.00	156.46	57.08	135.02	0.00	31.48	112.26	84.62	115.74	121.21	30.20
ENSMUSG00000083986	Gm12213	88.78	94.57	0.00	28.30	66.91	40.06	61.09	0.00	0.00	31.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.91	0.00	0.00	8.84	0.00
ENSMUSG00000038527	C1d	105.60	45.14	85.70	142.89	225.89	342.19	312.57	228.26	539.60	459.78	0.00	5.41	9.27	15.66	0.00	103.68	14.53	0.00	51.79	82.52	50.40	5.08	25.24	125.00	417.27
ENSMUSG00000031502	Col4a1	27219.10	26906.29	44564.89	48092.47	40307.10	55481.07	52015.92	50455.00	53315.18	58091.17	11904.24	11635.03	9442.88	10586.41	3976.65	10821.45	12509.57	12279.91	11633.08	11191.79	18062.28	17649.10	21560.62	21498.18	29982.75
ENSMUSG00000062309	Rpp25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.08	29.87	4.64	28.71	0.00	50.90	30.10	130.66	69.85	39.98	0.00	0.00	0.00	0.00	36.92
ENSMUSG00000032363	Adamts7	1642.85	1254.18	2583.06	1863.81	2660.95	1776.64	1667.99	1562.77	2133.91	2208.86	743.87	1191.25	1381.77	963.11	198.26	774.78	992.13	1204.25	1460.91	598.04	803.41	851.31	929.40	1060.58	779.72
ENSMUSG00000000120	Ngfr	912.07	1671.16	1877.30	1397.17	1500.81	2870.21	2721.49	1879.75	2372.83	3400.51	755.33	1042.83	966.78	736.04	1808.74	877.52	595.69	902.65	727.44	1008.08	735.44	1165.27	1015.55	1282.80	1595.23
ENSMUSG00000031749	St3gal2	677.51	1886.11	720.66	784.18	1058.24	1588.80	1180.66	1574.21	2968.36	1473.21	89.36	487.02	171.56	315.82	813.14	467.51	448.33	351.69	532.33	594.64	890.47	528.05	223.65	921.69	798.73
ENSMUSG00000024114	Prss41	125.22	102.40	0.00	40.04	63.84	3.94	0.00	16.46	0.00	264.49	64.15	78.08	106.65	0.00	0.00	111.22	49.06	199.26	56.61	82.52	0.00	0.00	0.00	60.60	0.00
ENSMUSG00000044522	A730020M07	0.00	0.00	63.35	30.37	29.46	147.78	157.71	38.64	272.71	87.22	0.00	19.33	27.82	0.00	360.60	84.83	0.00	0.00	15.66	210.97	93.94	124.40	107.91	46.72	186.82
ENSMUSG00000085116	Gm2735	0.93	0.00	0.75	0.00	14.12	0.00	0.00	0.00	114.21	28.44	11.46	1.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.89	0.00	0.85	0.00	53.03	0.00
ENSMUSG00000025870	Art10	168.21	36.54	307.05	168.43	148.55	222.00	129.29	228.98	153.84	360.24	79.43	109.00	4.64	7.83	0.00	255.43	166.05	216.68	71.06	53.59	47.35	46.54	35.68	98.48	205.84
ENSMUSG00000040841	Sis5	672.84	267.60	607.38	787.63	698.54	1240.04	735.96	847.93	1171.26	1095.90	124.49	116.73	224.89	41.76	271.53	497.67	528.24	320.12	34.93	331.77	408.58	192.94	264.55	468.42	766.17
ENSMUSG00000021536	Adcy2	199.05	98.87	254.88	198.12	176.17	1037.74	600.28	312.70	1749.32	913.88	64.15	204.86	206.34	101.79	196.82	68.81	263.60	345.16	120.44	113.99	216.13	214.94	94.85	324.49	428.45
ENSMUSG00000039323	Igfbp2	881.23	2923.20	2001.76	1714.01	1476.26	2191.74	2586.52	1822.51	3519.62	2681.92	971.46	686.46	818.40	469.81	1043.01	768.18	1080.34	743.68	914.12	1145.04	691.91	1219.43	918.08	1074.47	1407.29
ENSMUSG00000050875	A730017C20	242.03	940.37	579.06	757.26	756.24	592.43	812.68	1026.10	1644.43	890.18	58.81	149.97	60.28	52.20	198.26	287.48	113.12	301.61	177.04	225.44	373.45	297.03	66.14	362.36	572.76
ENSMUSG00000078922	Tgfp1	518.65	285.87	587.26	875.99	339.45	1134.29	1103.94	628.25	476.66	1212.50	164.20	68.03	220.25	83.52	0.00	384.56	255.30	132.84	140.91	304.55	441.42	623.68	261.07	666.65	898.30
ENSMUSG00000024538	Ppic	918.61	531.98	699.80	1194.91	1022.03	1268.28	1703.51	1017.51	1756.31	1207.76	151.22	348.64	438.18	334.09	357.73	436.40	527.20	575.99	345.66	374.31	452.87	940.17	807.57	1169.16	549.27
ENSMUSG00000041633	Kctd12b	242.97	398.72	345.05	425.91	352.95	282.42	240.82	279.78	220.27	555.53	69.50	81.94	71.87	80.91	231.30	277.11	168.12	0.00	65.04	193.11	253.55	257.26	0.00	145.20	92.85
ENSMUSG00000024299	Adamts10	1185.88	2801.75	972.56	1289.48	1529.05	1554.64	1110.33	1769.56	1082.69	1655.22	428.45	405.85	180.84	138.33	732.69	708.80	558.33	554.22	613.03	328.37	887.42	772.61	793.64	1353.50	515.71
ENSMUSG00000033237	Edar	607.42	611.51	1730.47	1293.62	1424.70	1726.07	1511.70	1779.58	1406.68	2002.20	294.04	257.42	306.03	91.35	0.00	250.72	318.60	271.12	427.55	352.19

Supplementary Table 3 B - Normalized counts of the top 500 specifically upregulated genes of Early-Aire across mTEC$^{Aire_{-}}$, mTEC$^{Aire_{+}}$, mTEC$^{Cfh_{-}}$, mTEC$^{Cfh_{+}}$, mTEC$^{Aire_{+}}$ and mTEC$^{Cfh_{+}}$

geneID	mTEC$^{Aire_{-}}$			mTEC$^{Aire_{+}}$			mTEC$^{Cfh_{-}}$			mTEC$^{Aire_{+}}$			mTEC$^{Cfh_{+}}$		
ENSMUSG00000072423	Psmb11	4648.19	5271.42	2386.31	2491.29	1362.09	3417.98	5472.82	4601.71	1217.88	1710.21	1501.49	773.81	778.99	814.34
ENSMUSG00000051527	Usp29	50.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.46	24.74	46.37	26.10
ENSMUSG00000006179	Pss16	35660.42	36932.20	16543.22	16833.64	10207.37	26267.99	34914.79	30103.27	5837.67	9583.43	12800.09	4537.74	6030.18	5522.89
ENSMUSG00000061311	Rag1	3463.25	534.13	583.54	525.32	337.61	2910.27	2099.90	1373.86	1515.07	1215.35	1079.15	1306.44	1680.85	1273.71
ENSMUSG00000025014	Dnt	1154.10	573.89	161.72	36.59	77.34	726.42	626.56	348.47	226.09	363.09	255.85	394.25	326.90	23.49
ENSMUSG00000001403	Uba2c	1362.50	2086.00	2084.48	1131.40	735.98	1591.42	1448.48	1074.04	1133.97	413.33	1184.54	1385.29	1641.43	1258.05
ENSMUSG00000100674	Gm28806	63.55	266.53	68.56	24.85	0.00	0.00	38.36	0.00	0.00	0.00	167.26	88.90	194.75	133.11
ENSMUSG00000022033	Pbk	637.33	953.26	965.85	1223.90	688.72	698.83	706.12	664.03	561.74	328.01	889.74	981.76	1082.70	754.31
ENSMUSG00000085631	Gm10028H03I	73.83	0.00	0.00	40.04	45.42	0.00	0.00	0.00	0.00	0.00	57.28	376.47	192.43	107.01
ENSMUSG00000062727	Hist1h2bk	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000053044	Cd8b1	658.82	463.20	180.35	42.11	84.09	708.69	233.72	279.78	194.63	24.65	36.66	185.53	125.19	49.59
ENSMUSG00000097755	2010110K18I	81.30	0.00	76.02	0.00	59.54	54.51	53.28	22.90	0.00	43.61	77.14	153.83	171.56	122.67
ENSMUSG00000053977	Cd5a	2506.32	531.98	436.72	369.31	391.62	1580.26	1241.76	446.50	636.33	820.99	984.45	358.69	463.68	224.47
ENSMUSG00000076522	Igkv16-104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000027379	Bub1	1511.08	522.31	1390.65	1220.45	1427.15	440.05	950.50	1018.95	919.53	476.85	1124.97	1055.97	1136.02	1602.58
ENSMUSG00000093952	Aspm	3095.05	1975.31	2153.05	2473.34	3330.02	1737.23	2430.23	2216.06	1150.28	868.38	3847.67	4708.59	3510.07	3996.00
ENSMUSG00000076469	Tdrv12	54.20	0.00	0.00	23.33	74.22	28.42	47.94	0.00	0.00	68.92	54.11	16.23	114.84	139.03
ENSMUSG00000029204	Rhoh	267.27	114.99	13.41	77.31	12.89	545.80	300.49	189.62	0.00	70.15	116.09	54.89	132.15	91.35
ENSMUSG00000027715	Ccna2	2366.15	2695.36	3077.91	2910.99	2700.85	2713.23	2666.79	2383.50	2593.09	1483.63	1946.74	2636.07	1940.51	2445.63
ENSMUSG00000093568	Gm20611	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	232.17	126.01	60.28	39.15	0.00
ENSMUSG00000020914	Kif14	9303.85	8119.39	8399.79	7301.30	8510.74	7949.23	8997.76	6077.87	7251.34	5586.62	7871.75	10324.38	8318.45	8850.72
ENSMUSG00000020330	Hmmr	1531.64	1886.11	1963.75	1366.10	1090.16	1457.44	1769.57	1303.02	938.18	967.92	1135.66	1803.50	1659.98	1761.79
ENSMUSG00000033864	Rag2	284.09	182.70	0.00	0.00	0.00	21.67	115.79	0.00	0.00	0.00	14.69	0.00	0.00	0.00
ENSMUSG00000063109	Dgkaos	65.41	0.00	0.00	0.00	11.66	88.01	95.90	0.00	0.00	0.00	21.65	0.00	0.00	0.00
ENSMUSG00000050696	Rbpd1a	88.78	69.86	71.54	0.00	5.52	88.67	17.76	20.04	0.00	0.00	89.36	52.57	18.55	0.00
ENSMUSG00000012443	Klf11	782.17	1382.07	3241.87	2527.88	2710.67	2156.27	2645.48	2566.68	1009.27	516.67	2639.45	3199.61	3194.77	3056.38
ENSMUSG00000020897	Aurkb	1549.40	1070.41	1575.47	977.46	1073.59	868.29	917.82	1124.85	808.81	469.26	916.47	933.83	1402.64	1328.52
ENSMUSG00000027306	Nusap1	1541.92	1392.82	2197.76	1524.18	1604.55	1560.55	1310.66	1486.20	710.92	977.40	1433.52	1974.34	2860.92	1349.40
ENSMUSG00000041498	Tcf19	483.14	125.11	615.58	589.52	476.95	373.06	534.92	608.93	285.53	245.53	879.05	752.94	429.99	670.79
ENSMUSG00000033011	Thy1	1250.36	786.68	30.56	156.70	189.67	692.92	438.31	375.66	409.07	820.03	1849.75	1634.21	1599.70	1808.77
ENSMUSG00000026390	Marco	195.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	827.88	729.75	1017.78	1208.46
ENSMUSG00000019940	Cdk1	2152.15	1839.89	3192.68	2866.12	2466.37	1383.87	2499.85	2181.72	1928.80	1127.18	2647.85	3257.59	3570.35	3098.14
ENSMUSG00000085963	Gm15340	0.00	0.00	0.00	83.53	0.00	0.00	127.16	26.48	0.00	0.00	38.95	6.18	37.09	20.88
ENSMUSG00000029930	Ppp1r17	58.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.72	171.61	97.37	167.04
ENSMUSG00000094525	Tdrv12-2	99.99	0.00	0.00	49.01	0.00	34.81	46.89	0.00	0.00	0.00	32.23	6.87	7.73	34.78
ENSMUSG00000044131	Ccnb1	1210.77	990.88	1180.49	1286.72	1039.21	1198.06	1023.67	1194.26	978.87	644.65	846.10	866.58	1073.42	1198.02
ENSMUSG00000038997	Asb17	199.05	0.00	0.00	0.00	83.48	0.00	23.61	0.00	0.00	0.00	178.71	109.00	106.65	368.02
ENSMUSG00000060985	Tdrd5	105.60	0.00	0.00	0.00	23.33	30.21	39.78	32.92	0.00	73.00	77.90	172.39	227.20	2.61
ENSMUSG00000051378	Klf18b	759.75	421.28	983.74	653.02	404.51	843.99	818.37	765.64	842.61	737.55	468.17	743.66	1001.55	566.38
ENSMUSG00000060735	Rxfp3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.47	109.00	238.80	529.84
ENSMUSG00000015396	Cd83	2354.93	2256.88	1617.95	1130.02	507.02	1603.24	3502.21	2228.23	696.93	1384.09	2230.09	1468.78	1655.34	1607.80
ENSMUSG00000033067	Plk1	1250.36	543.80	1607.52	1196.29	1104.28	1036.43	1564.27	927.36	851.93	1216.30	667.50	1427.80	955.18	1519.06
ENSMUSG00000017716	Birc5	955.06	1647.52	1373.51	960.21	1366.38	811.80	981.75	1055.44	620.01	723.33	459.76	714.29	867.09	955.28
ENSMUSG00000075031	Hist1h2bb	0.00	0.00	0.00	0.00	0.00	41.20	17.92	0.00	0.00	31.31	0.00	0.00	0.00	0.00
ENSMUSG00000059625	Sohlh1	57.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	174.13	359.46	340.81	310.60	364.91
ENSMUSG00000028460	Stil1	69.15	3.22	0.00	0.00	0.00	167.48	0.00	20.04	0.00	169.69	47.35	16.23	34.78	120.06
ENSMUSG00000100781	Gm29481	66.35	78.45	19.38	43.49	52.18	21.67	142.79	10.02	0.00	0.00	0.00	0.00	35.56	13.91
ENSMUSG00000044084	Bub1b	2496.04	2198.84	1504.67	2353.92	1826.76	1783.86	1883.95	2324.21	1362.39	1597.40	2315.68	3277.69	1741.13	2490.00
ENSMUSG00000071766	Rhox12	104.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	179.48	241.96	472.96	318.43
ENSMUSG00000003477	Inmt	222.41	233.21	138.62	170.50	49.11	211.49	250.77	67.98	0.00	116.61	265.01	129.87	85.78	86.13
ENSMUSG00000020649	Rrm2	1818.53	2030.12	1784.89	2201.36	2279.15	1785.83	1379.57	1907.66	1369.39	1739.60	1739.77	2833.96	2717.18	2422.14
ENSMUSG00000083227	Gm11546	28.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	225.30	202.54	224.89	138.33
ENSMUSG00000015880	Ncapg	775.63	836.12	1319.11	1178.34	1161.98	704.09	1369.63	1148.46	715.58	494.86	1579.39	1085.35	1293.67	772.58
ENSMUSG00000069267	Hist1h3b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044201	Cdc25c	1356.89	976.91	310.77	698.58	490.45	254.18	1018.69	608.93	212.11	237.00	1905.50	1512.84	1391.05	1260.66
ENSMUSG00000048215	A630023P12r	391.55	0.00	41.73	95.95	44.20	164.86	85.96	70.84	0.00	0.00	141.29	146.10	120.56	49.59
ENSMUSG00000030069	Prok2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.91	88.13	11.59	65.25
ENSMUSG00000063021	Hist1h2ak	27.10	0.00	0.00	0.00	0.00	23.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000076498	Tbx2	1081.21	1151.01	176.63	319.61	298.93	1259.74	571.86	636.13	440.53	722.38	265.01	279.84	523.96	164.43
ENSMUSG00000051860	Sfxn7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.09	78.85	6.96	65.25
ENSMUSG00000084935	Gm14161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	175.66	91.99	25.50	7.83
ENSMUSG00000076490	Tbx1	1423.24	195.60	140.11	200.19	162.05	892.59	441.86	266.19	114.21	716.70	292.51	164.66	424.27	190.53
ENSMUSG00000022322	Shcbp1	688.72	953.26	454.61	639.91	475.72	547.11	785.69	1079.05	228.43	236.05	539.19	564.32	829.99	858.71
ENSMUSG00000033737	Fndc3c1	28.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	79.43	70.35	67.23	229.69
ENSMUSG00000031004	Mki67	18891.87	16272.09	15973.84	15020.22	13013.18	11539.29	15754.24	13355.06	10965.58	12416.08	10890.77	14731.05	13342.45	14485.84
ENSMUSG00000022542	Sep-12	100.93	194.52	22.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	447.55	590.60	656.11	461.98
ENSMUSG00000055011	Oprm1	989.63	479.32	377.85	474.93	112.33	13.14	0.00	133.81	0.00	164.01	1169.27	1542.21	1411.91	1853.14
ENSMUSG00000063767	S100a7a	102.79	97.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	290.22	279.07	459.05	347.14
ENSMUSG00000072553	Gm525	95.32	0.00	0.00	0.00	65.02	20.60	0.00	48.95	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000032564	Cpne4	234.56	132.19	22.36	0.00	34.99	0.00	0.00	34.35	0.00	0.00	1247.17	933.83	983.01	873.83
ENSMUSG00000032524	Cpne8	1211.11	2641.62	1483.82	1596.66	1610.07	1240.04	1567.11	1791.34	383.43	1126.24	821.01	1198.21	1513.92	1558.21
ENSMUSG00000053268	Dspp	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.90	29.38	71.87	120.06
ENSMUSG00000043144	Aqp6	0.00	0.00	38.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128.31	428.26	104.33	208.80
ENSMUSG00000086843	E030013I19R	0.00	0.00	78.25	113.90	0.00	94.58	76.72	97.32	97.90	68.26	131.36	290.66	285.16	409.78
ENSMUSG00000026955	Sapcd2	281.28	146.16	204.20	182.24	338.83	390.80	646.45	448.47	118.87	166.90	248.21	262.06	440.50	208.80
ENSMUSG00000022243	Stx45a2	39.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	398.67	207.95	359.35	302.77
ENSMUSG00000022310	Madcam1	411.18	317.04	104.34	26.92	0.00	22.99	31.26	10.73	0.00	38.87	1550.37	1997.54	1755.04	1970.60
ENSMUSG00000013367	Iglon5	108.40	0.00	0.00	2.76	0.00	0.00	27.71	7.87	0.00	0.00	937.10	636.98	908.82	910.91
ENSMUSG00000075023	Acsl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	187.41	126.02	147.14	361.67
ENSMUSG00000029437	Il31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183.21	55.64	57.42
ENSMUSG00000026114	Cnga3	28.97	321.34	0.00	0.00	0.00	0.00	0.00	23.61	0.00	0.00	162.67	82.72	176.20	297.55
ENSMUSG00000026683	Nuf2	1088.69	2738.35	1193.16	848.38	936.09	884.05	1155.80	679.77	836.78	1379.35	770.60	1103.90	1191.66	1247.61
ENSMUSG00000037544	Dgap5	1748.44	1220.86	795.19	887.03	1037.99	924.12	1102.52	759.92	1053.55	1004.89	630.08	1219.86	1729.53	1597.38
ENSMUSG00000022749	Tpx2	4137.95	3993.60	3026.49	3453.57	2805.81	2345.43	3301.17	2442.18	2080.30	2038.22	2770.04	3784.80	3834.65	4442.33
ENSMUSG00000058773	Hist1h1b	0.00	0.00	34.28	0.00	0.00	88.67	31.26	0.00	104.89	0.00	35.90	25.51	64.92	0.00
ENSMUSG00000039079	Tthr2	35.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183.29	169.30	319.94	99.18
ENSMUSG00000026605	Ccnp2	3704.35	2628.73	2867.00	3372.11	3729.63	2210.78	2159.58	2452.22	2215.49	2742.59	2137.68	3343.40	1169.27	2550.03
ENSMUSG00000024056	Ndc80	1154.10	1883.96	918.16	1370.24	1222.13	614.11	1203.39	636.13	634.00	1007.73	676.66	698.83	514.69	743.87
ENSMUSG00000025154	Arhgap19	763.48	996.25	762.40	638.53	610.15	597.03	566.89	656.16	171.32	322.32	553.70	720.47	755.80	863.93
ENSMUSG00000045328	Cenpe	3144.58	2261.18	2523.44	3644.09	2567.03	2476.79	2823.08	2530.19	2196.85	2118.80	2251.47	2578.86	1759.67	2312.51
ENSMUSG00000024989	Capn5	995.24	546.60	1524.43	771.75	745.80	491.28	488.78	1001.77	949.83	435.14	757.62	838.75	424.27	1169.31
ENSMUSG00000024857	Cabp2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	202.39	96.63	173.88	146.16
ENSMUSG00000070280	Slc22a14	8.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.05	102.81	176.20	164.43
ENSMUSG00000094338	Hist1h2bl	6.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.30	0.00	0.00	0.00	0.00
ENSMUSG00000066828	Gmnc	54.20	0.00	0.00	0.00	0.00	0.00	57.54	0.00	0.00	0.00	248.21	335.50	581.92	289.72
ENSMUSG00000038763	Alpk3	116.81	0.00	216.12	198.12	86.55	0.00	10.73	64.10	0.00	0.00	851.56	808.60	326.90	498.52
ENSMUSG00000022034	Esco2	555.09	612.58	516.46	421.77	451.78	686.35	427.65	583.89	639.82	277.77	537.67	402.75	595.83	655.13
ENSMUSG00000033409	Syce1l	204.65	0.00	0.00	0.00	0.00	0.00	0.00	39.36	0.00	0.00	92.41	189.39	74.19	143.55
ENSMUSG00000032093	Cd3e	291.56	0.00	137.87	31.06	6.14	197.79	241.53	123.07	0.00	81.53	141.29	92.76	143.74	44.37
ENSMUSG00000051920	Rspo2	45.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	216.14	195.58	245.75	161.82
ENSMUSG00000050010	Shisa3	65.41	0.00	58.13	0.00	0.00	0.00	34.81	41.50	0.00	0.00	117.61	452.23	398.77	266.23
ENSMUSG00000040204	Polaf	2287.65	1606.68	2772.36	2532.02	1567.72	1286.67	2674.61	1821.80	1115.32	1240.00	1199.82	2084.89	1894.14	2116.76
ENSMUSG00000026882	Hist1h2ae	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	146.10	37.09	107.01	0.00
ENSMUSG00000034833	Tespa1	294.37	259.00	0.00	0.00	0.00	84.73	56.83	26.48	0.00	0.00	203.92	10.05	95.05	78.30
ENSMUSG00000036223	Ska1	282.22	52.66	405.42	436.27	230.80	52.54	294.81	295.52	17.48	121.35	41.24	203.31	245.75	39.15
ENSMUSG00000039160	Hist1h3c	0.00	0.00	0.00	15.65	0.00	0.00	56.48	0.00	0.00	0.00	0.00	0.00	5.22	0.00
ENSMUSG00000071235	Vtn	36.45	0.00	0.00	17.26	0.00	0.00	0.00	0.00	0.00	0.00	101.58	117.50	153.02	159.21
ENSMUSG00000073568	Ar14epl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.87	86.58	9.27	7.83
ENSMUSG00000027400	Pdyn	488.74	125.74	55.89	56.60	40.51	44.66	0.00	0.00	0.00	7.58	2883.84	3001.71	1945.15	2704.02
ENSMUSG00000056777	Aven	2090.47	2597.56	2163.44	2145.45	2232.55	2549.69	2637.67	2295.49	569.90	2003.14	2056.72	3321.75	2545.61	2732.73
ENSMUSG00000027496	Aurka	863.48	859.76	1111.92	618.51	592.35	394.08	667.76	607.50	175.98	339.39	866.07	971.71	1161.52	876.98
ENSMUSG00000020493	Prr11	1062.52	1134.89	1317.61	1519.35	1446.80	806.55	1577.06	1054.01	595.54	990.67	1755.05	2004.49	2070.34	1756.57
ENSMUSG00000102796	Gm37711	373.80	69.86	144.58	124.94	38.06	57.80	0.00	111.63	108.39	0.00	454.42	648.58	401.08	493.30
ENSMUSG00000022054	Mcm7	1477.44	1653.97	707.99	423.15	209.32	577.98	533.50	598.92	132.86	310.95	1224.95	1764.85	1124.43	1231.95
ENSMUSG00000019932	Kera	16.82	0.00	0.00	30.37	0.00	0.00	0.00	0.00	0.00	0.00	244.39	238.10	25.50	70.47
ENSMUSG00000036768	Klf15	1237.27	810.33	1569.51	1453.77	1562.20	1090.29	1938.64	1168.50	729.56	1101.59	1383.11	1380.65	1205.57	2252.48
ENSMUSG00000097336	Fendrr	126.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	215.37	494.75	572.65	326.26
ENSMUSG00000034883	Lrt1	66.35	0.00	27.75	43.49	92.07	135.96	90.22	100.89	0.00	0.00	25.20	86.58	113.60	57.42
ENSMUSG00000070732	Rbm44	105.60	63.41	0.00	39.35	52.18	0.00	0.00	12.88	0.00	62.57	124.49	146.10	271.25	250.57
ENSMUSG00000051220	Erco5l	549.48	866.21	470.26	635.77	410.65	335.62	332.46	346.33	539.60	275.87	55.75	372.61	241.11	511.57
ENSMUSG00000032218	Ccnb2	2129.72	2374.02	1823.64	1390.26	1290.68	1364.17	1878.26	1370.28	1667.74	1337.64	1509.89	1406.16	1349.31	1986.26
ENSMUSG00000026829	Aoc3	356.98	1.07	52.17	35.21	7.37	150.41	54.70	76.12	0.00	99.54	308.55	37.88	32.46	0.00
ENSMUSG00000048922	Cdca2	389.69	818.92	728.86	1020.95	953.28	794.73	1051.37	838.63	624.67	651.28	575.85	725.88	899.54	876.98
ENSMUSG00000021604	Ion4	535.47	361.10	579.81	326.51	319.81	242.36	163.39	128.08	115.38	240.79	743.11	858.07	1238.03	1221.51
ENSMUSG00000024791	Cdca5	465.38	492.21	274.25	340.32	397.15	346.79	246.50	490.15	465.01	330.86	417.00	263.61	563.37	582.04
ENSMUSG00000045555	Adam12	1241.01	378.30	479.98	327.89	267.25	479.44	397.11	318.42	310.51	328.01	2402.69	3032.64	2325.36	2035.85
ENSMUSG00000087107	AI662270	3.74	80.60	0.00	29.68	20.87	99.83	132.84	59.39	0.00	0.00	131.36	142.24	102.01	0.00
ENSMUSG00000021057	Akap5	85.97	73.08	20.12	26.92	73.05	22.99	125.74	0.00	51.28	0.00	245.92	336.27	500.78	263.62
ENSMUSG00000042489	Cbpn	1098.03	915.65	970.32	1290.86	1122.69	713.28	922.79	857.23	599.03	756.51	1758.10	1548.40	1481.46	1093.62
ENSMUSG00000041064	Ptf1	656.02	854.39	174.39	508.06	562.27	720.51	731.70	809.89	69.93	275.87	302.44	514.84	966.78	237.52
ENSMUSG00000006522	Ith3	87.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	652.22	572.05	588.88	822.17
ENSMUSG00000064797	Gm24357	0.00	0.00	0.00	119.42	35.60	32.84	0.00	18.60	0.00	0.00	142.82	56.43	108.97	20.88
ENSMUSG00000023505	Cdca3	1774.61	1365.95	1330.28	1567.87	1197.58	1456.78	1008.75	1255.08	349.63	1050.39	1102.82	1194.35	1117.47	1044.02
ENSMUSG00000055961	BC051076	69.15	0.00	0.00	0.00	0.00	40.51	0.00	0.00	0.00	0.00	0.00	197.90	257.34	185.31
ENSMUSG00000067604	Nms	21.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	290.98	163.88	292.12	130.50
ENSMUSG00000060398	Cdc20	2028.79	3037.11	1405.56	1508.30	1753.71	1980.25	1890.34	2054.35	1499.92	1737.70	1693.95	1527.53	1796.77	1834.87
ENSMUSG00000073494	Sh2d1b2	0.00	0.00	0.00	0.00	0.00	0.00	13.60	0.00	0.00	0.00	30.55	48.70	57.96	5.22
ENSMUSG00000097535	Gm26592	206.52	0.00	68.86	95.26	65.68	0.00	0.00	0.00	0.00	90.12	91.99	215.61	177.48	49.84
ENSMUSG00000074476	Spc24	847.59	921.02	728.12	521.18	509.48	440.05	740.22	562.42	597.87	533.73	327.64	328.54	619.02	511.57
ENSMUSG00000025020	Stit1	719.56	241.86	336.86	104.93	89.01	212.20	220.93	175.31	173.65	17.06	3640.70	3999.71	3433.56	4225.69
ENSMUSG00000030742	Lat	1278.39	298.77	116.26	59.37	114.17	589.15	534.92	358.34	62.93	348.87	238.28	159.25	329.21	146.16
ENSMUSG00000036858	Pcna	13.08	206.34	0.00	0.00	40.51	0.00	0.00	0.00	0.00	0.00	0.00	47.93	0.00	31.32
ENSMUSG00000030775	Trat1	330.81	60.18	0.00	32.44	0.00	45.98	74.59	0.00	0.00	0.00	46.45	0.00	47.93	118.24
ENSMUSG00000050592	Fam78a	310.25	72.01	20.12	84.22	24.55	357.96	191.09	94.45	189.97	303.36	215.37	85.81	229.52	80.91

ENSMUSG00000042607	Asb4	44.86	0.00	0.00	0.00	42.97	52.54	0.00	0.00	54.98	654.52	1027.37	579.60	386.29	725.51	392.10	438.99	211.23	381.79	239.90	332.21	147.25	35.68	90.91	41.39
ENSMUSG00000091650	Apol11a	260.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106.18	793.51	305.35	192.43	803.90	436.74	1800.28	671.45	566.20	841.86	903.44	280.28	235.25	172.30	359.84	170.04
ENSMUSG00000000182	Fgf23	91.58	259.00	0.00	0.00	19.03	0.00	0.00	14.31	0.00	44.56	663.68	623.07	881.00	368.02	409.45	805.88	318.60	562.93	560.04	143.77	263.48	297.03	242.79	156.56	238.28
ENSMUSG00000063600	Egfem1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.04	19.33	62.60	143.55	0.00	71.63	155.67	16.33	92.74	0.00	0.00	0.00	37.88	0.00
ENSMUSG00000028989	Angptl7	230.82	0.00	0.00	0.00	0.00	0.00	22.90	0.00	0.00	1918.49	1699.91	1938.19	1492.96	1129.21	2158.45	1016.00	1016.97	1012.88	1223.30	359.70	284.34	524.74	246.21	156.61
ENSMUSG00000027718	Il21	7.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	212.32	163.11	143.74	67.86	35.92	184.74	258.41	26.13	220.40	205.87	170.31	86.32	0.00	42.93	112.99
ENSMUSG00000091055	Siglec15	29.90	0.00	0.00	44.87	20.87	46.63	39.78	4.29	0.00	0.00	825.59	1457.18	915.77	905.69	0.00	41.47	37.36	154.61	43.36	20.42	246.68	0.00	120.96	89.64	30.20
ENSMUSG00000061615	Hsd17b2ab	0.00	0.00	0.00	47.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000021679	S100z	74.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.89	85.03	41.73	67.86	132.17	152.69	136.99	114.33	274.60	51.04	16.04	168.40	355.05	109.85	0.00
ENSMUSG00000006529	Itih1	167.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	277.23	430.58	350.08	336.70	228.43	715.40	232.47	173.13	262.55	398.98	148.16	0.00	102.69	200.75	53.70
ENSMUSG00000044164	Rnf182	67.28	0.00	63.35	46.94	0.00	0.00	63.22	7.87	0.00	0.00	127.54	96.63	95.05	153.99	0.00	176.26	28.02	0.00	103.58	137.81	0.00	0.00	0.00	22.73	0.00
ENSMUSG00000031448	Pdzrn3	37.38	0.00	0.00	0.00	0.00	0.00	67.86	0.00	0.00	0.00	225.30	292.26	118.24	67.86	349.11	217.73	151.89	151.35	0.00	106.34	28.26	0.00	0.00	0.00	0.00
ENSMUSG00000022613	Mox	0.00	0.00	0.00	0.00	15.76	0.00	0.00	0.00	0.00	0.00	142.82	49.47	30.14	107.01	0.00	95.20	0.00	142.64	78.28	93.58	59.57	29.62	0.00	0.00	0.00
ENSMUSG00000054003	Tdrd9	96.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	290.22	149.20	280.53	344.53	0.00	441.11	152.56	49.00	80.69	236.49	109.21	183.63	248.01	26.51	68.24
ENSMUSG00000046295	Ankle1	877.49	862.99	771.34	731.03	1027.55	845.30	519.29	939.52	233.09	320.43	402.49	528.76	609.74	490.69	0.00	200.76	414.08	388.71	205.95	97.83	120.66	262.33	439.46	112.37	253.94
ENSMUSG00000034906	Ccl5	1374.66	1125.20	1302.71	820.77	1882.00	1131.01	1195.58	1264.38	1011.60	937.58	1206.08	1747.85	1510.21	1338.98	81.68	1277.16	1431.12	996.29	969.52	974.05	746.90	969.79	1394.10	1105.03	785.67
ENSMUSG00000030114	Klrg1	77.56	0.00	0.00	17.95	0.00	0.00	0.00	0.00	0.00	313.89	291.44	250.39	553.33	583.28	371.37	256.34	115.42	261.35	175.24	106.15	0.00	143.59	22.73	98.44
ENSMUSG00000014603	Alk3	0.00	0.00	0.00	0.00	0.00	5.68	0.00	0.00	0.00	323.82	235.00	350.08	167.04	0.00	214.90	242.84	90.37	73.47	214.38	52.70	159.94	167.95	34.09	64.88
ENSMUSG00000037474	Dll	1278.39	865.14	1598.58	1259.11	981.51	1077.81	821.21	1098.37	671.29	701.53	711.03	758.35	586.56	464.59	1055.94	632.45	331.06	757.83	493.79	510.42	633.11	661.76	916.34	518.93	478.79
ENSMUSG00000020808	Prmt4g	629.85	445.48	719.17	638.53	416.79	548.43	698.31	542.58	421.89	790.64	109.98	433.63	380.22	268.84	212.10	192.28	355.30	211.23	203.54	209.27	61.86	583.06	382.03	141.41	362.45
ENSMUSG00000065079	Gm23464	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.40	9.28	0.00	33.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000028175	Depdc1a	147.65	310.59	406.17	151.87	311.83	258.78	53.28	96.60	120.04	252.17	226.83	244.28	231.84	206.19	179.58	201.71	160.86	88.20	158.98	39.98	182.52	131.17	291.52	193.18	129.77
ENSMUSG00000052889	Prkcb	712.09	120.37	30.56	174.65	30.69	284.39	345.25	93.74	72.26	519.51	395.61	441.41	299.07	114.84	1020.02	590.98	223.13	217.77	169.82	388.77	709.48	149.78	251.49	340.90	42.51
ENSMUSG00000046847	Tnfsf13b	14.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	146.64	167.65	118.24	26.10	0.00	153.84	70.76	242.52	87.92	51.04	145.10	17.77	97.46	106.00	41.39
ENSMUSG00000031028	Tub	389.69	85.98	64.84	0.00	0.00	32.84	21.31	25.76	18.65	0.00	648.41	710.42	753.48	691.67	609.14	448.66	191.99	322.30	513.06	405.78	74.84	447.66	335.04	136.36	185.70
ENSMUSG00000024795	Klf20b	1452.21	1039.24	1558.33	1233.56	1766.60	1548.07	1972.03	1734.50	1353.07	1835.35	1677.91	1624.93	1599.70	2834.53	1890.63	1033.04	944.39	1053.99	1100.80	864.31	1108.89	1358.21	1716.95	1244.92	941.93
ENSMUSG00000031932	Gpr63	216.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	521.63	722.79	503.09	480.25	642.18	705.03	272.94	272.21	136.09	171.84	20.62	143.86	73.10	44.19	193.82
ENSMUSG00000047534	Mkrn1os	618.64	890.93	678.39	767.61	1001.16	620.02	924.21	967.43	307.68	556.48	1223.87	1254.56	595.83	537.67	1044.14	551.39	292.29	491.67	562.52	330.07	192.45	816.62	1015.55	324.49	164.45
ENSMUSG00000045539	Spr3	37.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	166.49	155.38	324.58	54.81	0.00	249.78	173.31	210.15	199.93	97.83	131.36	0.00	161.86	34.09	180.11
ENSMUSG00000030677	Klf22	1540.05	1489.54	1513.62	1358.51	1514.32	1270.25	1586.29	1182.81	1178.26	772.63	1231.89	1343.54	1356.27	1015.31	646.49	544.80	535.50	1240.19	1070.69	343.68	701.08	1282.89	1257.47	459.58	869.21
ENSMUSG00000029177	Ceripa	1188.68	433.11	1076.90	678.56	764.83	892.59	517.87	550.97	419.56	240.79	446.02	577.46	674.66	827.39	731.26	525.00	710.89	892.85	563.65	467.88	319.23	642.29	432.50	621.20	469.84
ENSMUSG00000045684	Lcn6	1.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	349.79	279.29	384.86	159.21	0.00	146.10	90.29	42.46	132.48	179.50	22.15	48.24	207.98	20.00	34.68
ENSMUSG00000006567	Atp7b	667.23	174.10	219.85	214.68	154.68	370.43	768.64	585.32	0.00	192.45	313.13	230.37	343.12	310.60	221.24	501.44	618.53	328.83	496.20	276.48	166.49	526.36	602.19	482.31	225.97
ENSMUSG00000027636	Sla2	112.14	0.00	103.59	48.32	33.15	169.45	198.91	90.88	0.00	0.00	238.28	114.41	85.78	41.76	0.00	110.28	258.41	64.24	0.00	92.73	333.74	203.10	48.73	214.64	196.89
ENSMUSG00000037451	Slc22a20	65.41	111.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	109.98	156.93	162.29	44.37	124.99	162.12	132.84	28.31	202.34	197.36	106.92	182.79	195.80	10.16	129.77	0.00
ENSMUSG00000058400	Cpz	481.27	802.80	456.10	477.69	226.50	81.44	62.51	85.87	332.15	105.23	1224.60	1297.14	1340.04	1070.13	445.36	1325.23	407.40	913.53	1000.84	891.53	441.42	486.59	891.53	328.27	321.06
ENSMUSG00000056367	Actr3b	74.76	106.40	0.00	0.00	0.00	46.63	0.00	0.00	0.00	0.00	245.92	261.29	551.78	253.18	202.57	689.95	184.73	186.19	244.49	228.84	32.84	93.93	259.33	90.91	41.39
ENSMUSG00000007209	Ceacam9	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	620.15	285.25	166.93	240.13	1071.74	539.14	105.86	38.11	379.38	336.03	58.80	202.25	175.78	165.40	57.05
ENSMUSG00000020185	Ezf1	1011.13	794.21	763.89	751.05	971.69	722.48	610.22	732.73	382.26	412.38	1141.77	1251.55	1504.65	1164.09	978.31	1163.36	836.23	1197.15	383.66	101.57	339.90	550.85	297.07	128.65	128.65
ENSMUSG00000030500	Slc17a6	155.13	0.00	0.00	0.00	0.00	0.00	10.02	0.00	0.00	0.00	310.07	363.33	832.31	550.72	907.96	896.37	238.69	344.07	102.37	159.08	20.62	77.01	182.75	203.28	95.09
ENSMUSG00000019894	Slc6a15	229.89	41.91	14.16	51.08	0.00	0.00	0.00	78.71	102.56	0.00	841.63	464.60	273.57	756.92	479.84	593.81	282.28	296.16	604.60	179.50	267.30	276.72	97.46	60.60	61.53
ENSMUSG00000056145	AI504432	395.29	400.86	70.80	169.81	199.88	382.26	168.36	60.11	0.00	77.74	534.61	827.15	1224.12	968.33	152.29	552.34	321.72	325.56	578.10	309.65	485.71	352.88	207.11	194.44	163.33
ENSMUSG00000024552	Slc14a2	40.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	242.87	364.87	95.05	245.35	320.37	199.82	131.80	75.13	402.26	264.57	52.70	172.63	65.27	0.00	92.85
ENSMUSG00000029275	Gfi1	296.24	83.83	0.00	0.00	39.90	285.05	73.17	25.04	0.00	112.81	16.04	44.06	92.74	62.64	205.44	204.53	249.07	32.67	86.72	23.82	112.26	170.09	87.89	194.44	32.44
ENSMUSG00000023978	Prph2	14.02	26.87	0.00	20.71	0.00	0.00	39.07	0.00	0.00	0.00	246.68	99.72	104.33	198.36	0.00	121.59	263.60	107.79	30.11	74.01	73.32	151.48	85.28	30.30	176.75
ENSMUSG00000015437	Gzmb	128.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	542.25	487.02	456.73	498.52	1044.45	1074.51	336.25	489.98	532.33	626.96	308.53	190.40	98.34	122.47	229.33	0.00
ENSMUSG00000043460	Elfn2	307.45	87.05	0.00	0.00	46.04	0.00	0.00	7.16	0.00	0.00	1229.60	894.41	535.55	887.42	754.24	889.77	576.64	1186.63	510.66	1032.75	138.99	373.19	306.32	390.14	411.67
ENSMUSG00000025991	Cps1	274.74	1.07	87.94	0.00	51.56	59.77	39.78	45.80	0.00	102.39	1037.91	1246.91	1103.56	1388.55	847.62	1805.93	778.35	615.19	719.01	1019.99	348.25	275.03	442.94	220.95	417.27
ENSMUSG00000101051	1700100L14F	32.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.97	53.32	193.14	0.00	48.07	0.00	0.00	0.00	0.00	0.00	0.00	44.00	31.33	0.00	62.65
ENSMUSG00000099752	Gm29018	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	81.72	13.14	6.96	0.00	216.93	32.05	0.00	29.40	137.30	64.65	144.34	0.00	0.00	0.00	0.00
ENSMUSG00000022490	Bsn10	28.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172.60	330.09	194.75	167.04	776.78	311.04	185.77	369.12	231.20	182.90	45.82	201.40	0.00	65.65	0.00
ENSMUSG00000030307	Slc6a11	48.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	294.04	271.34	199.38	182.70	0.00	227.16	173.31	124.13	374.56	199.06	210.02	224.25	73.10	45.45	29.09	0.00
ENSMUSG00000029414	Knlc1	1198.96	1538.98	977.78	932.59	1331.40	1599.30	858.15	1294.43	775.01	518.56	612.51	1177.34	1091.97	835.22	310.32	446.77	895.62	1015.89	523.90	478.09	594.16	588.98	1021.64	425.49	559.34
ENSMUSG00000061577	Adgrg5	83.17	134.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	734.71	303.03	326.90	190.53	232.74	271.46	204.45	345.16	543.17	409.19	83.24	229.33	127.05	143.94	0.00
ENSMUSG00000031966	Gbp10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.50	47.16	2.32	93.96	206.88	114.99	91.33	18.51	14.46	28.07	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040658	Dnph1	168.21	447.08	260.84	129.78	200.11	255.49	203.88	124.51	304.18	0.00	152.75	725.88	549.46	780.41	380.71	811.54	593.62	351.69	366.13	382.81	130.59	107.47	349.83	94.69	133.12
ENSMUSG00000038943	Pic1	1689.57	1528.23	1736.45	1163.84	1893.66	1109.99	1435.69	1582.80	1095.51	1504.49	1344.93	1539.90	1270.49	1440.75	300.26	694.66	667.30	880.87	1156.20	1016.58	963.79	1418.29	2094.62	756.29	922.91
ENSMUSG00000066652	Lefty2	399.03	50.51	0.00	0.00	20.36	0.00	0.00	0.00	0.00	0.00	1868.84	1617.97	1198.62	1213.68	1594.68	1545.79	1388.57	1377.38	2026.97	1595.06	794.25	523.82	1189.59	621.20	580.59
ENSMUSG00000093800	Gm20796	22.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.41	319.27	136.79	232.30	114.93	270.51	70.57	71.86	115.62	15.31	0.00	77.01	60.05	26.51	105.93
ENSMUSG00000023964	Calcr	166.34	88.13	0.00	31.75	0.00	0.00	0.00	0.00	0.00	0.00	459.76	1248.46	966.78	626.41	491.33	1185.73	378.79	602.13	1015.29	560.61	378.03	418.89	449.90	127.52	186.82
ENSMUSG00000037628	Cdkn3	77.56	126.82	164.70	127.71	155.91	99.18	240.82	223.25	103.72	152.63	0.00	89.67	76.51	88.74	0.00	53.73	84.06	144.82	0.00	32.33	0.00	0.00	97.46	1.26	49.22
ENSMUSG00000058287	Gm12253	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.05	0.00	0.00	0.00	0.00	0.00	22.62	0.00	13.07	44.56	31.48	0.00	0.00	22.73	93.97
ENSMUSG00000001228	Uhrf1	6022.83	5371.17	6268.38	6505.38	5913.63	4508.92	5658.06	5286.52	2960.21	3179.62	5175.03	5663.29	5747.34	5486.35	2412.14	3418.84	2402.49	3103.19	3564.96	2432.15	2239.17	2916.98	2963.98	1782.78	2784.38
ENSMUSG00000068037	Mas1	131.76	0.00	0.00	0.00	25.17	0.00	0.00	0.00	0.00	0.00	458.24	706.56	517.01	409.78	0.00	351.57	268.79	244.99	277.01	196.51	65.68	82.93	39.16	15.15	61.53
ENSMUSG00000026834	Acvr1c	541.07	0.00	61.86	205.02	141.18	54.51	0.00	148.83	0.00	0.00	448.31	731.30	785.94	926.57	823.20	525.94	380.87	372.38	286.64	476.39	239.04	366.42	91.37	45.45	246.11
ENSMUSG00000048775	Serpinb13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	534.61	241.96	222.57	365.41	127.88	227.16	281.24	47.91	173.43	217.78	146.63	55.01	115.74	181.81	82.78	82.78
ENSMUSG00000000409	Lck	2385.77	1171.43	720.40	532.91	514.39	1697.82	1195.58	794.98	1153.78	769.78	975.70	971.41	597.70	576.10	1949.00	1158.11	716.63	369.74	769.03	1515.18	1292.51	1077.33	1874.95	739.44	
ENSMUSG00000027699	Ectl2	1670.88	1182.17	2467.55	1735.41	1915.15	1312.28	1370.34	1397.47	646.82	749.88	1277.72	1825.15	1977.60	1842.76	683.85	1045.29	1249.50	804.65	1265.80	1010.63	828.62	1651.85	1122.59	459.58	883.75
ENSMUSG00000100830	Gm28441	122.42	0.00	72.29	37.97	0.00	0.00	0.00	0.00	0.00	94.70	105.13	74.19	80.91	0.00	116.88	171.24	33.75	183.07	16.16	117.61	0.00	0.00	10.10	68.24	
ENSMUSG00000022209	Dhx2	35.51	0.00	0.00	0.00	39.41	0.00	0.00	0.00	0.00	49.64	160.02	185.47	279.28	0.00	308.21	160.86	77.31	169.82	181.20	119.14	288.57	73.10	77.02	0.00	
ENSMUSG00000058290	Epg1	1432.58	1013.40	1237.13	1390.95	1716.88	1079.12	1714.16	1328.08	1844.88	803.91	1039.43	1437.08	894.91	1067.52	0.00	818.14	498.14	907.00	832.22	421.95	806.47	1008.71	863.26	492.41	667.85
ENSMUSG00000032783	Troap	605.55	594.31	289.91	647.50	513.78	564.85	688.36	639.70	127.03	594.40	61.86	558.91	598.15	545.50	356.29	311.04	245.96	548.77	277.01	192.26	349.77	87.16	372.45	133.83	304.28
ENSMUSG00000028003	Lst1	9.34	0.00	0.00	0.00	38.09	0.00	0.00	0.00	0.00	0.00	615.57	527.99	609.74	292.33	205.44	559.88	361.15	390.89	219.20	348.79	96.99	209.87	23.50	198.23	154.38
ENSMUSG00000090322	Gm17090	38.31	0.00	0.00	8.97	0.00	0.00	0.00	29.34	0.00	0.00	56.41	61.07	183.15	101.79	206.04	50.90	58.12	58.60	0.00	61.86	33.00	0.00	1.74	0.00	0.00
ENSMUSG00000020297	Nsg2	736.38	112.84	182.59	31.06	115.40	649.57	516.45	155.99	537.27	119.45	1776.43	1693.73	2010.06	1652.17	3565.77	1812.53	1122.89	1425.29	1771.64	1760.10	1018.78	699.84	1280.97	993.66	526.90
ENSMUSG00000039057	Myo16	345.76	369.70	263.08	261.62	279.91	171.42	106.56	108.05	0.00	18.01	351.32	402.75	194.75	297.55	555.98	274.28	874.86	393.07	145.73	450.02	157.32	378.27	314.15	621.20	59.29
ENSMUSG00000063232	Serpina11	42.99	0.00	38.75	6.90	41.13	16.42	0.00	0.00	0.00	0.00	106.92	141.47	115.92	130.50	1274.31	146.10	122.46	111.06	34.93	55.30	61.86	18.62	144.46	39.14	48.10
ENSMUSG00000042812	Foxf1	59.81	0.00	0.00	0.00	15.35	73.56	96.61	30.77	0.00	0.00	155.90	677.18	445.13	438.49	228.37	401.53	174.35	303.79	108.38	388.77	106.92	178.56	60.92	92.17	40.27
ENSMUSG00000026039	Sgol2a	197.16	75.23	347.29	211.23	171.87	551.71	480.22	417.17	194.63	241.74	263.49	238.10	287.48	331.48	0.00	203.59	145.29	150.26	250.51	228.84	191.69	171.79	324.59	84.59	361.33
ENSMUSG00000063415	Cyp26b1	325.21	146.16	147.56	195.35	128.29	114.28	398.53	328.44	132.86	114.71	647.64	499.38	433.54	394.12	294.51	1029.27	1109.40	388.71	544.38	307.10	477.31	837.77	471.66	760.08	385.94
ENSMUSG00000022603	Mroh4	270.07	0.00	0.00	0.00	0.00	38.09	0.00	0.00	0.00	0.00	1069.22	675.54	651.47	1083.18	1267.13	1001.93	673.53	1006.09	585.33	663.54	503.28	571.21	251.49	186.86	46.98
ENSMUSG00000040038	Dstn3	300.91	123.59	0.00	21.40	0.00	28.90	0.00	0.00	0.00	0.00	95.34	176.34	1121.28	1191.66	1137.99	1230.56	1428.91	969.40	924.42	1377.81	1364.52	650.67	609.29	816.27	437.06	482.15
ENSMUSG00000028813	CK137956	16.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	168.02	115.96	2.32	148.77	0.00	49.96	0.00	0.00	0.00	24.67	0.00	0.00	1.74	95.96	0.00
ENSMUSG00000070369	Itgad	102.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	333.75	232.69	289.80	383.68	353.42	131.96	135.95	207.97	417.92	155.68	82.48	155.71	19.14	111.11	0.00
ENSMUSG00000057058	Skap1	424.26	79.53	0.00	48.32	19.64	273.23	279.18	108.05	0.00	257.86	178.71	80.40	92.74	0.00	0.00	279.00	288.51	207.97	57.81	150.57	164.20	741.30	509.08	387.62	312.11
ENSMUSG00000087035	Tmem74bos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	217.66	276.75	169.24	174.87	374.79	82.94	235.58	133.19	133.99	206.72	25.20	0.00	0.00	0.00	135.36
ENSMUSG00000032291	Crabp1	369.13	223.54	0.00	0.69	0.61	22.33	0.00	0.00	0.00	0.00	2487.46	1832.88	1840.82	1845.31	4071.47	2158.45	1399.98	1357.78	1760.80	2062.94	940.12	1400.52	1381.04	624.98	617.51
ENSMUSG00000044265	Olfm5	25.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.60	46.38	60.28	10.44	0.00	109.34	5.19	35.93	114.42	29.77	0.00	0.00	98.34	0.00	22.37
ENSMUSG00000094841	Gm10610	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.86	90.45	113.60	28.71	0.00	148.92	105.86	87.11	0.00	2.55	71.79	0.00	0.00	49.24	0.00
ENSMUSG00000045493	Gstka2	12.15	36.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	627.79	316.17	329.21	415.00	84.76	288.42	168.89	476.91	189.09	288.39	148.92	40.62	116.61	154.04	44.75
ENSMUSG00000032274	Cyp19a1	53.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.06	47.16	178.52	2.61	214.06	39.59	41.51	52.26	273.39	51.04	56.51	0.00	117.48	26.51	38.03
ENSMUSG00000057534	Elobl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0

ENSMUSG00000027331	Kndtm	1340.07	1594.86	1164.84	1081.70	963.71	1035.77	1302.85	1279.41	969.64	1248.53	796.57	518.71	871.72	1054.47	932.39	679.58	533.43	572.73	890.03	700.98	433.02	833.54	731.86	431.81	545.91
ENSMUSG00000040907	Atp1a3	34.58	23.64	0.00	0.00	0.00	16.42	0.00	15.74	0.00	0.00	529.26	1102.36	737.25	469.81	850.50	927.47	225.20	385.45	629.89	490.00	378.80	183.63	429.89	195.70	2.24
ENSMUSG00000024803	Ankrd1	35.51	0.00	59.62	164.98	117.24	0.00	79.56	39.36	0.00	0.00	254.32	480.06	275.89	281.89	396.52	194.17	163.97	49.00	0.00	218.63	0.00	299.57	205.37	294.18	0.00
ENSMUSG00000020908	Myh3	267.27	0.00	0.00	13.82	90.85	0.00	64.65	0.00	0.00	0.00	2625.70	2497.69	2459.83	1652.17	1920.80	2288.52	1414.51	1444.89	1334.45	2110.58	685.80	892.78	714.45	795.45	568.29
ENSMUSG00000022439	Panvg	223.34	121.44	0.00	40.73	136.27	256.15	124.32	65.83	88.57	269.23	376.52	181.66	213.29	101.79	163.78	136.67	311.34	261.32	130.07	108.89	126.01	245.41	213.20	357.31	198.01
ENSMUSG00000057000	Nxf3	22.43	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	274.18	265.15	266.62	292.33	0.00	361.94	59.15	72.95	149.34	108.89	60.33	98.16	82.67	63.13	77.19
ENSMUSG00000017499	Cdc6	580.32	322.41	815.31	361.03	552.45	539.89	676.29	509.47	227.26	462.63	92.41	256.65	343.12	438.49	735.57	167.77	296.81	504.13	14.45	152.28	405.52	230.18	694.44	204.54	171.16
ENSMUSG00000065079	Khdc1b	134.57	66.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	190.17	122.91	359.35	151.38	316.06	450.54	121.42	205.79	133.69	334.32	0.00	104.09	152.29	160.35	90.61
ENSMUSG00000026497	Mkl1	28.03	191.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145.11	252.78	273.57	193.14	257.16	275.23	48.78	128.48	168.61	80.82	29.02	0.00	0.00	27.78	102.92
ENSMUSG00000019773	Fbxo5	839.18	553.47	563.41	538.43	1144.79	676.50	562.63	749.90	298.35	481.59	303.20	424.40	347.76	600.31	178.14	277.11	119.35	393.07	280.62	226.29	308.53	46.54	169.69	441.91	431.81
ENSMUSG00000022650	Retnlb	48.59	0.00	42.48	0.00	0.00	29.56	0.00	0.00	0.00	0.00	214.61	136.06	424.27	122.67	212.62	309.16	92.36	79.49	143.32	67.21	85.53	0.00	217.56	23.99	0.00
ENSMUSG00000039672	Kcne2	60.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.36	119.14	155.38	310.67	347.14	132.17	416.61	250.11	284.19	356.50	291.79	103.86	0.00	164.47	102.27	22.37
ENSMUSG00000060284	Sp7	64.48	0.00	0.00	0.00	0.00	0.00	14.31	0.00	0.00	0.00	190.17	280.61	227.20	174.87	706.83	513.69	403.70	278.74	167.41	382.81	189.40	164.17	35.68	102.27	105.16
ENSMUSG00000029254	Stap1	121.48	167.65	0.00	15.19	0.00	165.51	223.06	29.34	148.01	31.28	518.57	394.25	466.00	399.34	408.01	417.55	382.95	235.19	179.45	362.40	239.04	177.71	357.66	332.06	217.02
ENSMUSG00000047751	Utf1	2188.59	793.13	1488.28	1234.26	1006.68	399.99	842.52	399.28	383.43	427.55	6912.51	8875.27	7530.19	8339.15	6157.49	4495.98	2698.26	3576.83	4539.30	3112.71	2554.58	2184.14	3124.10	1623.70	1493.43
ENSMUSG00000022878	Adipoq	49.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.27	0.00	385.68	137.60	403.40	584.65	1037.26	722.00	488.99	142.64	187.88	358.99	151.21	320.72	74.84	185.60	14.10
ENSMUSG00000022501	Prm1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	103.87	83.49	18.55	18.27	234.17	22.62	35.29	45.73	216.79	100.38	0.00	26.23	0.00	17.68	110.75
ENSMUSG00000024578	Il17b	31.77	0.00	0.00	0.00	0.00	0.00	0.00	2.86	0.00	0.00	91.65	158.47	250.39	107.01	534.43	47.13	44.63	82.75	0.00	188.86	145.87	100.70	195.80	93.43	211.43
ENSMUSG00000074802	Gas2l3	363.52	0.00	310.77	569.50	249.83	286.36	233.01	186.76	111.88	263.55	293.27	340.14	517.01	336.70	659.42	402.47	234.54	191.64	351.68	161.63	478.84	205.64	161.86	281.56	313.23
ENSMUSG00000079055	Slc8a3	110.27	0.00	0.00	0.00	0.00	36.12	0.00	0.00	0.00	0.00	68.81	50.41	170.84	227.20	143.55	0.00	68.81	78.87	53.35	97.55	98.68	17.57	42.31	34.81	22.73
ENSMUSG00000034224	Slc38a8	60.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	316.95	62.62	445.13	203.58	742.75	154.58	112.08	136.10	213.17	188.86	41.24	206.48	0.00	2.53	4.47
ENSMUSG00000001588	Acap1	1029.82	148.31	56.64	0.69	119.70	442.68	571.86	221.11	227.26	37.92	570.51	303.80	324.58	459.37	0.00	541.03	646.55	373.47	508.25	169.29	540.70	343.57	467.31	358.58	114.10
ENSMUSG00000095180	Rhox5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.36	0.00	0.00	49.64	0.00	51.01	52.20	0.00	74.46	1.04	0.00	0.00	0.00	0.00	0.00	11.31	0.00	0.00
ENSMUSG00000056363	Serpina3f	40.18	0.00	146.82	31.06	90.23	70.93	53.99	228.26	355.46	73.94	784.35	251.24	310.67	394.12	0.00	480.70	80.95	191.64	225.22	215.23	177.18	310.57	204.50	170.45	281.91
ENSMUSG00000043463	Rab9b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	249.74	39.43	67.23	78.30	0.00	199.82	26.98	41.38	101.17	63.80	0.00	131.17	99.21	18.94	0.00
ENSMUSG00000004730	Adgre1	149.52	0.00	0.00	0.69	44.20	0.00	0.00	51.52	0.00	0.00	976.05	1021.96	962.14	1062.30	318.94	851.13	278.13	624.99	214.38	480.64	374.21	553.44	163.60	273.98	155.50
ENSMUSG00000082163	Gm14276	59.81	0.00	83.47	120.11	143.64	77.50	67.49	127.37	67.60	60.67	118.38	58.75	146.06	80.91	0.00	94.26	124.54	32.67	0.00	31.48	46.59	103.24	0.00	79.54	10.07
ENSMUSG00000022297	Dbf4	988.70	580.34	1067.95	1043.04	616.28	843.99	1152.96	928.07	622.34	654.13	1335.00	841.84	1112.84	1378.11	854.81	1255.48	437.95	743.68	964.71	549.55	448.29	678.68	804.96	481.05	685.75
ENSMUSG00000045273	Cenph	416.79	295.54	532.86	548.79	456.69	274.54	628.69	299.82	123.54	347.92	309.31	350.19	433.54	451.54	390.77	265.80	139.06	352.78	62.63	264.57	130.59	157.40	83.54	205.80	519.07
ENSMUSG00000056972	Magel2	98.12	0.00	0.00	28.99	10.44	0.00	0.00	0.00	0.00	0.00	242.87	215.68	236.48	360.19	156.60	381.73	314.45	251.52	545.58	255.21	103.86	126.09	67.88	53.03	60.41
ENSMUSG00000053963	Stum	88.78	0.00	0.00	20.71	0.00	0.00	0.00	0.00	0.00	0.00	322.29	226.50	171.56	328.87	620.63	468.45	188.88	54.44	209.58	230.54	0.00	74.47	39.16	131.31	40.27
ENSMUSG00000086909	Gm4926	23.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	271.89	344.78	136.79	587.26	0.00	459.02	212.75	155.70	0.00	267.12	143.58	60.93	42.64	10.10	0.00
ENSMUSG00000030226	Lmo3	190.64	54.81	244.44	147.72	204.41	116.25	189.67	107.33	0.00	95.75	250.50	435.22	322.26	537.67	149.41	232.81	97.55	289.63	132.48	205.02	44.29	66.85	29.59	85.86	98.44
ENSMUSG00000041859	Mcm3	3266.07	3809.83	3387.94	3107.73	3434.99	2914.87	3121.44	3168.46	2322.71	2653.48	1940.63	2479.91	2427.37	1733.08	2172.22	1171.59	965.15	1705.12	1363.35	1109.31	1270.80	1856.64	1886.64	1107.29	2348.10
ENSMUSG00000021423	Ly86	57.00	0.00	0.00	39.35	0.00	49.92	52.57	11.45	0.00	0.00	140.53	90.45	190.11	208.80	241.36	126.30	84.06	50.09	130.07	0.85	58.04	70.24	0.00	37.88	95.09
ENSMUSG00000050121	Opalin	51.40	0.00	0.00	0.00	0.00	0.00	0.00	15.03	0.00	0.00	45.06	7.73	48.69	99.18	33.04	123.47	26.98	68.60	73.47	151.42	103.10	22.85	126.18	70.71	0.00
ENSMUSG00000023993	Trerf1	0.00	0.00	0.00	0.00	0.00	0.00	43.65	0.00	0.00	0.00	0.00	77.30	0.00	57.42	66.09	69.75	14.53	23.95	0.00	16.16	0.00	88.01	0.00	0.00	0.00
ENSMUSG00000023828	Slc22a3	141.11	0.00	11.18	0.00	0.00	44.01	0.00	0.00	0.00	188.65	1217.38	1641.16	1319.17	1563.43	1440.96	1361.05	902.88	613.02	775.62	701.83	430.73	755.69	299.36	213.38	304.28
ENSMUSG00000029123	Stk32b	57.94	0.00	111.79	22.09	22.74	0.00	36.12	0.00	0.00	0.00	471.36	330.86	208.66	242.74	972.24	287.64	168.66	74.04	3.61	240.75	46.59	71.93	155.77	84.59	0.53
ENSMUSG00000062329	Cyfl1	200.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1344.16	1642.71	1282.08	811.73	1413.67	1829.50	964.11	915.71	1230.87	1150.14	825.56	760.77	516.04	320.70	257.30
ENSMUSG00000054134	Umod11	109.34	54.81	45.46	80.77	77.34	88.67	255.03	119.50	0.00	0.00	361.24	369.51	146.06	198.36	468.35	595.69	429.65	533.53	236.06	217.78	233.69	233.56	168.82	648.97	115.22
ENSMUSG00000027857	Tshb	58.87	0.00	0.00	0.00	24.55	33.50	9.24	0.00	0.00	0.00	106.92	19.33	155.33	26.10	0.00	279.94	26.98	104.53	0.00	41.68	33.60	0.00	0.00	0.00	0.00
ENSMUSG00000025002	Cyp2c55	0.00	0.00	0.00	0.00	0.00	0.00	38.36	0.00	0.00	0.00	71.03	27.83	11.59	0.00	0.00	148.92	0.00	51.18	83.10	43.39	0.00	0.00	86.15	0.00	53.70
ENSMUSG00000028332	Hemgn	187.83	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	333.75	136.06	357.04	206.19	370.66	331.78	122.46	128.48	179.45	272.22	42.00	93.93	105.30	215.90	165.56
ENSMUSG00000044276	4933427E11I	18.69	0.00	0.00	0.00	0.00	0.00	14.31	0.00	0.00	0.00	68.74	34.01	74.19	122.67	123.55	104.62	3.11	78.40	78.28	40.83	76.37	12.69	0.00	45.45	101.80
ENSMUSG00000072980	Olp5	295.30	585.71	152.03	222.97	210.54	98.52	453.94	289.08	208.61	451.25	354.37	316.17	282.85	206.19	831.82	191.34	48.78	140.46	239.67	177.80	55.75	178.56	147.94	108.58	190.17
ENSMUSG00000055827	Gsdmc3	274.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1192.18	807.05	1082.70	446.32	884.98	1059.43	860.33	797.03	888.83	713.74	823.27	242.02	338.52	66.92	297.57
ENSMUSG00000073551	Spink13	9.34	0.00	0.00	0.00	0.00	0.00	43.65	0.00	0.00	0.00	132.13	105.13	134.47	46.98	0.00	99.91	0.00	49.00	21.68	21.27	0.00	0.00	0.00	20.20	0.00
ENSMUSG00000027004	Frzb	62.61	0.00	0.00	0.00	0.00	44.01	0.00	0.00	0.00	188.65	1217.38	1641.16	1319.17	1563.43	1440.96	1361.05	902.88	613.02	775.62	701.83	430.73	755.69	299.36	213.38	304.28
ENSMUSG00000085745	Gm14372	143.91	0.00	0.00	4.14	0.00	161.57	22.73	9.30	0.00	62.57	0.00	0.00	0.00	5.22	0.00	39.59	120.38	81.66	0.00	50.19	0.00	142.17	14.79	150.25	0.00
ENSMUSG00000026602	Nphs2	24.30	0.00	0.00	0.00	0.00	68.96	2.54	71.75	0.00	0.00	30.55	68.80	278.21	114.84	87.64	164.95	1.04	41.38	219.20	79.97	23.67	2.54	0.00	73.23	0.00
ENSMUSG00000035365	Parpbp	419.59	398.72	552.98	180.17	162.66	169.45	504.37	303.39	222.60	442.72	269.60	348.64	472.96	691.67	428.12	216.79	225.20	315.76	404.67	226.29	275.70	489.12	411.61	79.54	309.87
ENSMUSG00000036586	Grifin	55.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	213.84	176.25	264.30	117.45	0.00	51.84	171.24	71.86	81.90	142.92	3.82	139.63	40.03	68.18	125.29
ENSMUSG00000022122	Ednrb	181.29	321.34	280.22	156.01	63.84	240.39	316.12	171.02	375.27	93.85	39.71	64.16	6.96	195.75	0.00	156.46	250.11	87.11	37.34	90.17	270.35	170.09	162.73	667.91	52.58
ENSMUSG00000028044	Ckb	1113.92	2081.70	1828.12	1571.12	1239.94	951.04	1748.26	1149.18	1138.63	702.47	1195.24	1020.41	1212.53	1511.23	893.60	855.84	452.48	1227.12	904.49	776.69	885.13	793.77	1411.50	1132.55	1200.34
ENSMUSG00000021056	Tex21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.56	27.82	80.91	0.00	17.91	0.00	94.73	157.77	0.00	0.00	0.00	109.65	22.73	0.00
ENSMUSG00000078816	Pikcg	0.00	0.00	0.00	0.00	0.00	44.75	64.40	0.00	0.00	0.00	443.73	251.24	340.81	237.52	0.00	204.53	0.00	20.69	67.45	35.73	0.00	62.62	108.78	0.00	0.00
ENSMUSG00000027654	Fam83d	501.83	361.10	307.05	445.93	344.97	270.60	388.58	558.13	180.64	484.52	659.10	478.51	463.68	310.66	156.60	351.57	612.30	505.22	227.63	206.72	333.74	394.35	368.97	212.12	274.08
ENSMUSG00000029736	Nobox	68.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.93	23.18	36.54	97.69	183.80	58.15	34.84	0.00	81.67	97.75	0.00	0.00	68.18	14.54
ENSMUSG00000006457	Actn3	11118.65	10395.61	7128.38	6263.78	4350.82	4598.25	4649.48	3630.00	3167.65	3607.18	20532.08	23940.28	25843.31	23454.02	25233.35	22499.68	14482.42	15920.98	16835.98	16039.07	6890.87	7165.08	7791.97	7715.71	6461.47
ENSMUSG00000029223	Uchl1	18.69	0.00	85.70	46.94	8.59	45.98	0.00	0.00	0.00	0.00	277.23	329.32	389.49	451.54	232.74	346.86	70.57	175.30	270.98	153.98	140.52	92.24	295.01	16.41	0.00
ENSMUSG00000059318	Lcklid	140.17	207.42	229.54	281.64	115.40	108.37	105.14	108.76	616.52	0.00	358.95	193.26	129.83	159.21	0.00	49.01	152.56	190.55	174.63	48.49	174.12	209.87	136.62	155.30	19.02
ENSMUSG00000063430	Wscd2	218.67	0.00	0.00	10.44	39.41	0.00	27.91	0.00	0.00	0.00	427.69	739.80	623.65	321.04	429.56	715.40	337.28	814.45	896.06	402.38	209.25	531.44	168.82	268.93	219.26
ENSMUSG00000044034	Npb	72.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	161.15	179.35	115.92	78.30	204.00	48.07	75.76	130.66	119.23	37.43	17.57	137.94	51.34	27.78	88.38
ENSMUSG00000039809	Gabbr2	14.95	0.00	0.00	37.97	17.19	0.00	2.13	8.59	220.27	0.00	272.65	320.81	398.77	305.38	702.52	487.30	130.76	224.30	428.76	338.58	150.45	113.40	207.11	87.12	99.56
ENSMUSG00000021680	Chfdp	1516.69	598.61	319.72	385.19	523.60	856.47	815.52	873.69	481.32	793.48	4435.74	5003.89	4481.49	4760.75	8650.08	6578.08	2818.65	3289.38	3531.23	4365.78	1232.61	1772.86	1783.08	1154.01	1752.97
ENSMUSG00000030310	Slc6a1	104.66	0.00	0.00	0.00	0.00	0.00	31.26	0.00	0.00	0.00	463.58	290.66	294.44	428.05	0.00	356.28	186.80	307.05	326.39	218.63	84.01	0.00	59.18	35.35	109.63
ENSMUSG00000086845	Gm13010	25.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	192.46	75.76	129.83	67.86	301.70	116.88	166.05	58.80	0.00	55.30	0.00	88.01	0.00	51.77	0.00
ENSMUSG00000019880	Rspo3	64.48	0.00	0.00	0.00	0.00	42.04	46.18	2.15	0.00	0.00	220.72	114.41	30.14	221.86	137.92	119.70	24.91	74.04	110.80	24.67	100.81	0.00	183.62	63.13	24.61
ENSMUSG00000059336	Slc14a1	0.00	0.00	14.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	452.89	298.39	616.70	634.25	742.75	73.52	130.76	105.62	0.00	37.43	105.39	0.00	126.18	0.00	0.00
ENSMUSG00000041730	Pnrd1	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.14	130.64	44.05	67.86	472.86	239.41	91.33	120.86	46.97	183.75	53.46	46.54	0.00	11.36	167.80
ENSMUSG00000040627	Aicda	58.87	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	450.60	228.82	255.03	258.40	909.40	367.60	185.77	265.68	95.15	246.70	122.19	58.39	274.12	88.38	44.75
ENSMUSG00000031450	Grk1	167.28	0.00	0.00	0.00	34.81	0.00	0.00	0.00	0.00	0.00	660.63	695.74	846.22	923.96	843.31	1088.65	402.66	409.40	249.31	825.18	362.76	578.83	255.85	88.38	30.20
ENSMUSG00000091694	Apoa1ts	280.35	0.00	0.00	0.00	36.12	0.00	0.00	0.00	0.00	0.00	688.88	827.93	781.30	923.96	1001.35	1283.76	534.46	544.42	922.55	564.01	533.83	396.04	96.59	262.62	229.33
ENSMUSG00000030230	Plcz1	80.37	102.10	0.00	33.82	73.05	0.00	34.10	39.36	0.00	0.00	80.96	279.07	141.42	91.35	239.92	149.87	173.31	76.22	239.67	116.55	263.48	12.69	258.46	123.73	180.11
ENSMUSG00000029831	Npvf	32.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.52	37.88	90.42	10.44	216.93	29.22	40.47	0.00	0.00	0.00	0.00	2.54	0.00	32.83	0.00
ENSMUSG00000061388	Csn1s2b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	187.11	52.57	34.78	23.49	0.00	235.64	175.39	114.33	126.46	67.21	0.00	0.00	126.18	0.00	0.00
ENSMUSG00000041219	Adhgap11a	2724.06	1722.75	2555.49	2092.99	2390.25	1640.68	2344.28	2105.15	735.39	1302.56	1776.43	3017.18	2137.57	2688.38	734.13	1695.65	1394.80	1712.74	1366.97	1671.62	1086.75	1904.88	1867.50	1088.36	1522.52
ENSMUSG00000042596	Ttap2d	28.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.52	40.97	32.46	49.59	172.40	20.74	0.00	25.04	51.79	31.48	0.00	0.00	20.89	12.63	0.00
ENSMUSG00000059027	9630013D21I	117.75	1.07	0.00	0.00	0.00	71.04	10.73	0.00	47.40	161.91	107.45	41.73	70.47	464.04	42.41	24.91	34.84	102.37	39.13	19.09	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000022269	Mar-11	16.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123.72	136.83	2.32	13.05	90.51	18.85	25.94	55.53	98.76	22.12	0.00	0.00	50.47	0.00	0.00
ENSMUSG00000033501	Crygs	31.77	177.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	346.73	0.00	34.78	62.64	97.24	37.70	74.72	109.97	257.74	29.77	72.55	0.00	60.92	16.41	0.00
ENSMUSG00000048782	Insc	96.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.68	198.57	307.67	273.57	415.00	297.39	158.35	69.53	84.93	384.20	454.27	57.28	176.86	29.59	59.34	62.65
ENSMUSG00000038421	Fcrla	11.21	0.00	0.00	35.21	0.00	17.73	0.00	0.00	0.00	0.00	147.40	248.15	148.38	91.35	813.14	309.16	96.51	121.95	198.72	103.79	0.00	82.08	160.12	54.29	145.43
ENSMUSG00000046207	Plk3r6	231.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	175.98	0.00	320.00	314.63	310.67	461.98	722.64	376.08	367.38	400.69	378.17	312.21	135.94	109.16	140.98	291.66	242.75
ENSMUSG00000010311	Cpsc	330.81	261.15	357.72	364.44	155.91	120.19	251.48	100.16	424.22	152.63	981.39	823.29	547.14	858.71	1695.25	1283.76	584.28	509.58	623.87	517.22	342.14	365.57	315.02	246.21	502.29
ENSMUSG00000074003	Gucy2d	133.63	202.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.86	242.10	279.07	445.13	247.96	0.00	471.28	186.80	216.68	244.49	372.61	178.71	0.00	158.38	70.71	15.66
ENSMUSG00000043061	Tmem18	5721.93	3214.44	2694.85	2801.93	3283.37	1048.91	1326.29	888.00	1158.44	966.97	7833.57	8404.49	9955.25	9834.71	8298.10	6430.10	4999.05	6087.69	5961.67	4985.09	2729.47	4964.87	3727.16	2648.92	2508.07
ENSMUSG00000091556	Gm14569	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	309.31	320.04	306.03	266.23	0.00	287.48	125.57	137.19	193.90	205.02	22.91	23.69	138.37	109.85	14.54
ENSMUSG00000081007	Gm11543	72.89	131.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124.49	57.98	157.65	156.60	1.44	87.66	230.39	113.24	321.57	113.99	35.13	44.85	0.00	0.00	41.39
ENSMUSG00000028785	Hpca	173.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	564.40	741.35	614.38	683.84	1239.83	872.80	505.41	368.03	215.58	722.24	357.41	293.64	99.21	297.97	268.48
ENSMUSG00000018844	Fndc8	10.28	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00

Supplementary Table 3 C - Normalized counts of the top 500 specifically upregulated genes of Late-Alre across mTEC^{Alr}, mTEC^{Blr}, mTEC^{Clr}, mTEC^{Alr}, mTEC^{Blr} and mTEC^{Clr}.

geneID	mTEC^{Alr}			mTEC^{Blr}			mTEC^{Clr}			mTEC^{Alr}			mTEC^{Blr}			mTEC^{Clr}		
ENSMUSG00000021348	Pif7d1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176.71	0.00	0.00	22.87	0.00	53.59	0.00	43.16
ENSMUSG00000086903	Hotair	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.91	30.92	139.10	130.50	0.00	58.44	33.21	188.37	127.66	162.48
ENSMUSG00000031779	Ccl22	1263.44	655.57	121.48	47.63	15.35	47.95	68.91	44.36	153.84	0.00	4139.41	4792.85	3523.98	3975.12	5788.27	4797.59	2376.55	3874.08
ENSMUSG00000053719	Klkb1b26	245.77	255.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	329.93	493.20	384.86	404.56	326.12	452.43	863.44	562.93
ENSMUSG00000066298	Gm11716	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.22	0.00	0.00	31.13	27.22
ENSMUSG00000031635	Anxa10	436.41	255.78	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	234.46	196.35	67.23	78.30	955.37	676.75	376.72	356.05
ENSMUSG00000027077	Smtnl1	521.45	0.00	0.00	0.69	0.00	22.33	0.00	0.00	0.00	0.00	727.83	531.85	737.25	441.10	1791.50	1015.13	1016.00	862.36
ENSMUSG00000003206	Ebi3	293.43	0.00	0.00	0.00	0.00	4.91	0.00	0.00	0.00	12.32	184.06	292.98	257.34	120.06	165.21	483.53	375.68	479.09
ENSMUSG00000035042	Pla2g4e	1000.88	204.19	178.12	115.97	74.89	122.16	418.42	170.30	108.39	303.36	188.59	1224.54	1414.23	991.82	3402.53	1724.87	2245.64	2323.75
ENSMUSG00000023045	Soat2	884.97	216.02	0.00	0.00	13.50	22.99	0.00	37.21	0.00	0.00	1186.07	769.95	1574.20	918.74	3426.41	1640.04	1727.93	1052.91
ENSMUSG00000027528	Fabp9	149.52	307.37	0.00	0.00	39.29	0.00	0.00	0.00	0.00	0.00	145.11	52.57	78.83	2.61	179.58	124.42	277.09	301.61
ENSMUSG00000055730	Ces2a	30.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	223.01	137.60	99.69	182.70	272.96	226.21	211.71	236.28
ENSMUSG00000001656	Ksrc1	159.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	387.35	373.38	455.72	320.08	1132.06	760.59	732.38	552.04
ENSMUSG00000020826	Nos2	2571.74	1486.32	105.08	140.13	98.83	112.97	41.91	93.74	0.00	78.68	5241.47	6445.61	4198.64	4995.66	6786.74	6643.11	6566.12	6721.39
ENSMUSG00000044485	Klk1b11	150.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	311.60	316.95	271.25	279.28	1372.00	243.18	998.36	516.11
ENSMUSG00000022586	Ly6i	181.29	127.89	122.97	116.66	0.00	141.21	198.91	115.20	97.90	45.50	185.59	347.09	176.20	167.04	777.23	310.10	408.89	420.29
ENSMUSG00000079494	Rasl5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	140.94	0.00	19.79	42.55	0.00	0.00
ENSMUSG00000044701	Il27	394.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.93	722.49	323.90	700.16	294.94	744.19	890.71	558.33	521.55	746.71
ENSMUSG00000027776	Il12a	687.79	228.91	121.48	220.21	21.48	8.54	179.73	40.07	166.66	119.45	1293.76	1284.02	1493.06	1391.16	2074.53	1815.36	2011.25	1238.01
ENSMUSG00000038968	Klk1b16	223.34	0.00	0.00	0.00	0.00	27.71	7.16	0.00	0.00	0.00	179.48	61.07	90.42	62.64	120.68	267.69	567.67	756.74
ENSMUSG00000060161	Cst3	90.65	72.01	0.00	52.46	44.20	0.00	34.81	68.82	0.00	7.58	151.22	9.28	25.50	75.69	0.00	19.79	46.70	72.95
ENSMUSG00000024401	Tnf	245.77	0.00	57.38	116.66	0.00	0.00	180.44	72.27	46.62	0.00	628.55	219.54	363.99	1111.89	278.71	538.20	266.71	533.53
ENSMUSG00000022886	Prl2a1	0.00	0.00	0.00	0.00	15.35	0.00	0.00	0.00	0.00	0.00	38.95	18.55	44.05	10.44	0.00	62.21	4.15	152.44
ENSMUSG00000020053	Igf1	859.74	326.71	0.00	60.06	0.00	56.48	195.36	36.49	76.92	148.84	1655.00	1895.49	1198.62	1443.36	2755.50	1579.72	2984.98	2712.29
ENSMUSG00000042279	Hf1ko	148.59	49.44	35.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.44	170.84	16.23	67.86	0.00	250.72	241.81	483.84
ENSMUSG00000013083	2200002J24P	0.00	0.00	0.00	0.00	0.00	32.84	0.00	0.00	0.00	0.00	128.31	0.00	120.56	2.61	219.81	111.22	29.06	199.26
ENSMUSG00000027513	Pck1	256.99	173.03	95.39	58.68	0.00	0.00	0.00	5.83	0.00	792.75	856.53	472.96	292.33	1146.45	928.41	688.06	1114.97	805.73
ENSMUSG00000026149	Tnfsf20	39.25	0.00	0.00	0.00	0.00	44.66	0.00	0.00	0.00	0.00	22.91	27.06	25.50	23.49	0.00	173.43	48.78	154.61
ENSMUSG00000002992	Apoc2	23.36	0.00	0.00	21.40	0.00	57.14	0.00	0.00	0.00	0.00	407.07	350.19	268.94	508.96	0.00	38.64	0.00	0.00
ENSMUSG00000095704	Gm8221	65.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.55	108.23	185.47	86.13	461.17	377.02	157.74	250.43
ENSMUSG00000058715	Foxr1g	325.21	23.64	0.00	24.85	16.57	28.24	100.16	8.59	0.00	100.49	651.46	765.31	220.25	328.87	1020.02	910.51	128.69	415.94
ENSMUSG00000076615	Igkg3	126.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	84.01	58.75	259.66	78.39	504.28	279.94	204.45	139.37
ENSMUSG00000037145	2210407C18I	806.47	141.86	35.77	21.40	22.10	0.00	65.36	0.00	101.39	109.02	1105.12	1271.65	867.09	923.96	2130.55	1446.82	1467.44	1251.07
ENSMUSG00000094584	Ms4a18	88.78	128.96	0.00	0.00	0.00	58.96	0.00	0.00	0.00	0.00	193.99	34.01	60.28	26.10	334.74	164.00	168.12	60.97
ENSMUSG00000084919	Ptpntos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.83	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000097077	Gm15712	50.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.51	125.19	0.00	0.00	29.22	220.20	141.55
ENSMUSG00000027902	Chil6	26.17	0.00	0.00	31.06	26.39	0.66	85.25	15.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.71	0.00	59.89
ENSMUSG00000027470	Myl4j2	229.89	0.00	0.00	0.00	11.66	0.00	0.00	0.00	0.00	0.00	299.38	200.22	245.75	182.70	571.79	196.05	403.70	279.83
ENSMUSG00000018916	Cd2.	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	111.50	199.44	159.97	187.92	0.00	140.44	191.99	118.68
ENSMUSG00000061825	Ces2c	203.72	58.03	0.00	42.80	24.55	57.80	84.54	27.51	83.91	31.28	294.80	183.21	222.57	60.03	594.77	555.16	788.72	766.54
ENSMUSG00000040026	Saa3	1695.18	257.93	0.00	46.94	40.51	51.23	83.12	13.60	82.75	581.13	3022.07	2077.16	1138.34	1490.35	6091.40	4159.49	5390.30	3408.06
ENSMUSG00000028158	Mttp	721.43	434.18	362.94	324.44	242.46	230.54	136.39	83.00	166.66	356.45	817.19	1073.75	1279.76	892.64	1229.77	1080.17	920.52	945.11
ENSMUSG00000030472	Ceacam18	362.58	296.62	0.00	0.00	48.49	0.00	0.00	0.00	0.00	0.00	1186.83	575.91	734.94	689.06	650.80	830.39	706.74	692.50
ENSMUSG00000031257	Nxn1	64.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.59	294.53	273.57	187.92	291.64	472.22	363.23	244.59
ENSMUSG00000026358	Rgs1	113.07	0.00	76.76	15.19	0.00	38.75	0.00	87.30	0.00	0.00	226.83	23.96	67.23	70.47	0.00	172.49	0.00	68.60
ENSMUSG00000027301	Oxt	171.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.54	72.67	44.05	428.05	0.00	285.59	153.59	193.81
ENSMUSG00000090710	Gm9513	38.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.48	47.16	9.27	229.69	86.20	18.85	57.08	89.28
ENSMUSG00000087398	Gm12243	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.26	34.79	9.27	5.22	332.48	84.83	41.51	0.00
ENSMUSG00000031271	Serpina7	163.54	78.45	0.00	0.00	0.00	124.32	71.56	0.00	111.87	310.84	47.93	55.64	99.18	647.93	304.44	601.92	525.91	130.07
ENSMUSG00000054203	Ifi205	194.38	0.00	0.00	0.00	0.00	0.00	40.79	0.00	0.00	0.00	0.00	34.01	2.32	0.00	0.00	91.33	236.28	160.18
ENSMUSG00000055339	Fcer1a	18.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	196.28	44.84	2.32	13.05	0.00	165.89	249.07	189.46
ENSMUSG00000024440	Prdm12	144.85	0.00	42.11	23.94	8.54	130.00	35.78	0.00	24.65	197.69	158.47	115.92	52.20	464.04	235.64	383.23	562.93	526.31
ENSMUSG00000056423	Ufs2b	18.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	178.71	36.33	162.29	20.88	900.78	222.44	291.62	40.29
ENSMUSG00000038179	Slamf7	181.29	299.84	17.14	0.00	0.00	0.66	0.00	6.44	0.00	0.00	903.49	390.39	296.76	446.32	281.58	863.38	353.89	473.64
ENSMUSG00000053862	Slc51b	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.74	32.46	0.00	199.69	116.88	36.32	25.04
ENSMUSG00000026011	Ctla4	40.16	0.00	0.00	0.00	0.00	0.00	13.60	0.00	0.00	0.00	110.74	49.47	53.32	253.18	0.00	0.00	63.15	158.98
ENSMUSG00000068417	Pnp2	12.15	0.00	0.00	0.00	0.00	0.71	17.17	0.00	0.00	0.00	0.00	38.65	51.01	20.88	0.00	26.39	17.64	99.08
ENSMUSG00000097754	Pgs2cos2	19.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.62	16.23	0.00	0.00	0.00	128.19	115.20	80.57
ENSMUSG00000019489	Cd70	131.76	277.27	77.51	95.95	62.00	30.87	51.15	30.05	0.00	59.72	476.57	612.25	727.98	678.62	1442.40	855.84	288.51	482.35
ENSMUSG00000031780	Ccl17	102.79	0.00	0.00	0.00	0.00	0.00	28.90	0.00	0.00	0.00	335.28	320.81	442.82	302.77	508.57	410.01	194.07	184.01
ENSMUSG00000052392	Acot4	28.03	81.68	0.00	35.90	0.00	17.08	51.15	0.00	0.00	0.00	0.00	37.88	11.59	0.00	1.44	42.41	14.53	0.00
ENSMUSG00000100546	Gm29483	146.72	156.91	8.94	49.01	0.00	56.83	27.19	0.00	0.00	0.00	158.86	245.83	125.19	62.64	261.47	560.82	594.66	352.78
ENSMUSG00000053385	Cd2f	204.65	0.00	99.12	160.15	0.00	80.79	86.07	113.77	58.27	0.00	349.79	303.03	282.85	263.62	450.93	335.55	326.91	412.67
ENSMUSG00000023247	Guca2a	45.79	0.00	0.00	0.00	0.00	0.00	5.72	0.00	0.00	0.00	135.94	32.47	0.00	0.00	0.00	0.00	48.78	70.77
ENSMUSG00000000682	Cd52	2206.35	1578.74	61.86	51.08	34.99	91.29	0.00	44.36	0.00	0.00	4047.00	4941.27	4773.60	3085.09	12758.90	7055.01	6380.36	6392.56
ENSMUSG00000063779	Chil4	915.81	483.62	74.53	33.82	69.36	193.10	350.22	248.30	220.27	129.88	1936.29	1599.42	1112.84	673.40	3006.91	1938.83	2515.61	1978.42
ENSMUSG00000096257	Cosf2	25.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	118.38	124.46	37.09	138.33	0.00	417.55	181.61	74.04
ENSMUSG00000030041	Mf1ap	36.45	0.00	0.00	0.00	0.00	0.00	34.10	2.15	100.23	87.22	32.84	61.84	23.18	52.20	313.19	101.80	62.27	94.73
ENSMUSG00000060747	Ifni3	33.64	0.00	0.00	0.00	0.00	17.08	0.00	0.00	0.00	21.80	17.57	88.13	30.14	23.49	0.00	64.09	23.87	32.67
ENSMUSG00000032487	Plgs2	3917.41	1761.44	4034.08	3816.67	3582.92	3263.63	3858.82	3024.64	1924.13	1950.06	10617.36	12133.64	12878.76	14809.49	6387.35	9126.74	8359.43	7651.26
ENSMUSG00000063177	Trim32f	0.00	0.00	0.00	20.02	0.00	0.00	0.00	0.00	0.95	29.02	81.17	13.91	167.04	269.08	69.75	83.53	185.10	0.00
ENSMUSG00000084806	Gm15232	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44	72.58	0.00	0.00	0.00
ENSMUSG00000055110	A630012P03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.17	57.20	78.83	0.00	0.00	0.00	49.81	47.91
ENSMUSG00000059128	Ifni2	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.49	28.60	9.27	41.76	0.00	116.88	69.53	0.00
ENSMUSG00000000215	Ins2	242.03	282.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	247.45	187.85	190.11	88.74	212.62	337.43	345.59	224.30
ENSMUSG00000097418	Mir155hg	54.20	0.00	32.79	0.00	0.00	39.07	16.46	0.00	0.00	0.00	230.65	41.74	18.55	0.00	0.00	82.94	172.27	21.78
ENSMUSG00000025723	Nmb	274.74	257.93	0.00	32.44	59.54	0.00	50.44	28.62	0.00	0.00	321.53	343.23	173.88	274.06	341.92	411.90	217.94	205.79
ENSMUSG00000026630	Batf3	108.40	184.85	29.07	0.00	0.00	0.00	0.00	2.147	0.00	0.00	175.66	106.68	461.36	177.48	0.00	490.13	76.80	195.99
ENSMUSG00000003555	Cxcr4	14.95	0.00	0.00	57.29	0.00	0.00	8.52	0.00	0.00	173.49	233.70	138.37	173.88	57.42	0.00	249.78	456.63	291.81
ENSMUSG00000052160	Ptd4	277.55	224.61	81.98	158.77	152.23	16.42	26.28	45.08	120.04	0.00	1314.38	995.68	1275.13	1020.53	0.00	396.81	704.66	493.24
ENSMUSG00000063133	Klk1b1	30.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	385.68	335.50	173.88	234.91	2.87	262.97	389.17	258.05
ENSMUSG00000068762	Gstm6	80.37	0.00	82.72	31.75	0.00	0.00	0.00	0.00	0.00	0.00	360.48	303.80	792.90	271.45	647.93	475.05	445.21	393.07
ENSMUSG00000019185	Ccl8	117.76	82.75	0.00	66.27	0.00	0.00	40.49	31.48	0.00	0.00	442.96	327.05	259.66	99.18	382.53	237.52	435.87	431.18
ENSMUSG00000029811	Aoc1	1763.40	430.96	409.15	131.85	214.23	417.72	74.59	314.84	583.88	251.22	2376.72	2935.23	2501.56	2907.61	2673.61	4265.05	4417.89	3654.14
ENSMUSG00000029875	Ccdc184	301.84	0.00	0.00	0.00	0.00	0.00	44.04	0.00	0.00	0.00	732.42	403.53	412.68	441.10	623.51	766.30	751.36	635.88
ENSMUSG00000022733	Pstl2	102.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	151.22	85.03	44.05	54.81	0.00	213.96	124.54	84.93
ENSMUSG00000057933	Gsta2	256.99	398.72	0.00	0.00	0.00	71.59	0.00	0.00	78.08	145.05	533.85	543.45	602.79	88.74	1351.88	902.97	1123.93	976.69
ENSMUSG00000100157	2310034O05	25.23	219.24	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	132.89	35.56	13.91	70.47	199.69	46.19	149.44	156.79
ENSMUSG00000005364	Ifi1a	499.96	347.13	428.52	509.44	429.07	489.31	376.50	261.89	595.54	510.98	733.18	529.53	243.43	336.70	1254.20	625.86	640.32	439.89
ENSMUSG00000025467	Prap1	9.34	0.00	33.54	0.00	0.00	0.00	0.00	12.16	0.00	0.00	290.22	136.83	4.64	23.49	51.72	92.37	198.22	188.37
ENSMUSG00000001444	Tlxb21	537.34	250.41	127.44	50.39	110.49	117.57	236.56	62.25	87.41	125.14	1484.51	1095.40	1780.54	759.53	1202.48	1545.79	1517.14	1373.02
ENSMUSG00000037411	Serpine1	1072.80	1030.64	884.62	1365.41	977.22	1295.21	1281.54	1456.86	1245.85	1041.86	956.95	800.87	653.79	882.20	1030.08	1179.13	1116.67	1305.52
ENSMUSG00000004837	Grap	1625.09	1552.95	73.78	21.40	55.86	122.82	188.25	75.13	292.52	112.81	2800.59	3910.81	3009.30	3888.99	5332.85	3688.21	3305.37	3506.06
ENSMUSG00000067813	Xlr9	20.56	0.00	0.00	0.00	0.00	0.00	0.00	15.74	0.00	0.00	456.71	185.53	340.81	104.40	221.26	226.21	248.03	75.13
ENSMUSG00000020469	Mef	72.89	58.03	0.00	0.00	0.00	35.47	0.00	79.43	83.91	0.00	338.33	306.12	275.89	156.60	1840.60	243.18	465.97	274.39
ENSMUSG00000103424	Gm37535	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.13	0.00	0.00
ENSMUSG00000037482	Env3	424.26	0.00	0.00	0.00	31.31	0.00	28.42	0.72	0.00	0.00	1082.97	1300.25	1402.64	1137.99	1384.93	1488.29	1699.91	1094.28
ENSMUSG00000020010	Ccl3	88.78	0.00	0.00	0.00	0.00	0.00	38.64	0.00	0.00	95.75	277.23	185.58	159.97	46.98	340.08	267.60	449.36	305.96
ENSMUSG00000074183	Gsta1	0.00	0.00	0.00	0.00	25.62	0.00	0.00	0.00	0.00	0.00	0.00	37.11	9.27	83.52	0.00	0.00	52.93	28.31
ENSMUSG00000040413	Timd2	203.72	0.00	26.83	0.00	0.00	0.00	0.00	0.00	152.67	0.00	908.84	570.50	424.27	722.99	1433.78	1094.30	645.51	841.67
ENSMUSG00000024124	Psca30	125.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	203.15	50.25	113.60	2.61	403.70	126.30	117.27	202.52
ENSMUSG00000061808	Tfr	57.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	318.47	88.13	30.14	18.27	218.63	184.74	237.52	438.87
ENSMUSG00000005864	Cnga2	361.65	199.89	110.30	202.26	88.39	81.44	68.91	12.16	0.00	60.67	773.66	667.91	533.23	540.28	175.27	845.47	582.20	571.64
ENSMUSG00000104213	Ighd	0.00	0.00	0.00	22.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115.18	18.55	28.71	192.51	124.42	34.25	92.55
ENSMUSG00000094651	Gal3st2	216.80	237.51	190.79	101.47	64.45	147.12	53.99	71.56	0.00	144.10	291.74	367.19	688.57	334.09	744.19	208.30	369.45	241.72
ENSMUSG00000025370	Cd19	120.55	0.00	19.38	0.00	0.00	0.00	0.00	0.00	78.08	0.00	439.14	799.32	781.30	506.35	646.46	850.18	383.32	489.98
ENSMUSG00000033061	Resp18	483.14	94.57	0.00	14.50	0.00	0.00	0.00	0.00	0.00	0.00	849.27	473.87	308.35	441.10	2601.78	937.84	955.81	572.73
ENSMUSG00000090176	Cd200r2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.39	104.36	0.00	0.00	185.33	0.00	79.91	27.22
ENSMUSG00000024125	Sbpl	232.69	102.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	736.23	486.24	600.47	198.36	2459.55	932.18	1263.00	926.60
ENSMUSG00000022763	Afm3	205.59	0.00	0.00	24.16	71.82	0.00	0.00	0.00	220.27	0.00	930.99	549.69	115.30	130.50	0.00	434.06	643.86	776.34
ENSMUSG00000059042	Klk1b9	229.89	364.32	0.00	69.39	29.66	0.00	0.00	0.00	0.00	0.00	656.04	758.35	955.18	472.42	1965.34	1256.42	856.18	543.33
ENSMUSG00000033847	Pla2g4c	184.10	159.06	90.92	0.00	48.49	28.24	129.29	65.83	64.10	223.73	219.19	710.42	568.01	360.19	655.11	737.08	597.77	545.51
ENSMUSG00000056133	Gm9992	167.28	3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.29	161.57	419.63	78.30	433.87	446.77	573.90	523.73
ENSMUSG00000040972	Skint9	597.14	411.61	416.66	528.08	557.97	400.65	644.32	337.02	392.75	411.44	640.00	695.05	938.96	1124.94	1369.13	1764.16	1745.57	1423.40
ENSMUSG00000032482	Capg5	106.53	0.00	102.85	37.97	0.00	7.88	0.00	0.00	0.00	1.90	55.75	29.38	44.05	70.47	399.39	295.02	148.40	117.59
ENSMUSG00000033837	Foxh1	12.15	160.13	0.00	0.00	30.69	0.00	0.00	0.00	0.00	0.00	103.10	273.66	153.02	287.11	163.78	182.86	206.52	132.84
ENSMUSG00000064213	Defa24	21.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.33	8.50	2.32	46.98	0.00	92.37	47.74	31.58
ENSMUSG00000091272	Gm17641	71.02	23.64	28.24	44.18	130.75	42.44	44.04	21.47	0.00	38.87	26.73	64.16	13.91	0.00	0.00	0.00	91.43	0.00
ENSMUSG00000027530	Fabp12	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.00	0.00	0.00	102.34	25.51	44.05	23.49	106.31	79.17	70.57	99.08
ENSMUSG00000053475	Tnfaip6	73.83	65.56	0.00	0.00	0.00	0.00	9.30	0.00	0.00	73.94	232.17	269.02	106.65	297.55

ENSMUSG00000004894	Hapln2	51.40	94.57	0.00	13.12	0.00	37.44	0.00	0.00	0.00	0.00	0.00	345.97	280.61	259.66	378.46	107.75	374.19	282.28	78.40	127.66	342.83	102.34	80.39	353.31	94.69	26.85
ENSMUSG00000024340	Btnl2	393.42	53.74	0.00	15.88	17.80	0.00	73.17	0.00	0.00	0.00	0.00	1186.83	854.21	616.70	944.84	1081.80	1132.01	628.90	689.23	678.06	1225.86	915.68	398.58	834.54	176.76	682.39
ENSMUSG00000047880	Cxcr5	192.51	0.00	0.00	97.33	14.12	89.98	0.00	12.16	0.00	0.00	0.00	767.55	711.20	820.72	516.79	587.59	702.20	432.76	599.95	574.49	810.72	766.76	561.90	291.52	602.26	363.57
ENSMUSG00000026428	Gpr37l1	6.54	0.00	52.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	135.94	105.91	27.82	140.94	0.00	43.36	61.23	43.55	112.01	108.89	136.70	135.40	0.00	61.87	44.75
ENSMUSG00000002908	Kcnn1	154.19	251.48	160.98	62.13	53.40	107.06	153.44	88.01	122.37	152.63	371.94	509.43	345.44	31.32	165.21	246.95	227.28	219.95	264.96	473.84	302.43	199.71	523.87	286.61	125.29
ENSMUSG00000025969	Np2	1377.45	984.43	962.13	940.19	630.40	960.24	365.14	674.05	1066.37	1027.64	2579.88	2293.61	2258.13	2343.84	4427.76	2798.44	2954.60	2864.73	2925.43	2725.64	3193.80	2267.07	1924.06	2440.59	1870.43
ENSMUSG00000029380	Cxcl1	257.92	213.87	940.51	2349.09	65.68	1523.77	1618.97	2448.62	82.75	75.84	1761.16	658.63	1500.01	2813.65	906.53	697.49	1228.75	783.96	466.09	805.61	1709.93	1898.95	2662.01	752.51	543.68
ENSMUSG00000032081	Apoc3	99.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	365.83	103.59	39.41	96.57	304.57	197.94	147.37	19.60	210.77	166.74	210.02	198.87	163.60	68.18	93.97
ENSMUSG00000086379	1700026D11	101.86	0.00	0.00	0.00	11.05	0.00	0.00	0.00	0.00	0.00	126.02	146.88	30.14	187.92	94.82	171.54	56.04	99.08	0.00	160.78	25.97	89.70	123.57	47.98	137.60
ENSMUSG00000038801	Scgb1c1	14.95	0.00	0.00	0.00	0.00	0.00	16.46	0.00	0.00	0.00	42.01	191.71	257.34	120.06	229.86	426.03	99.63	149.17	655.18	360.70	106.92	83.78	132.27	54.29	347.91
ENSMUSG00000067996	Bpifb9b	17.76	0.00	0.00	0.00	33.76	0.00	0.00	0.00	0.00	0.00	310.07	361.78	146.06	172.26	844.75	500.50	561.45	569.46	285.44	515.52	280.28	246.25	131.40	175.50	93.97
ENSMUSG00000026621	Mar-01	552.29	81.68	0.00	0.00	49.11	22.33	0.00	22.90	0.00	101.44	2349.99	1557.68	1727.48	1286.76	3007.03	2746.60	2690.90	1427.81	2467.77	2676.30	1754.22	1251.58	2210.36	1290.37	1350.24
ENSMUSG00000095577	Gm6619	65.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.88	30.15	0.00	2.61	0.00	71.63	53.97	116.51	146.93	17.86	3.05	0.00	34.81	47.98	38.03
ENSMUSG00000097016	Gm26708	16.82	191.30	0.00	46.25	0.00	95.24	0.00	30.05	10.49	0.00	114.56	0.00	0.00	0.00	0.00	0.00	111.04	32.67	211.97	76.56	122.19	99.01	100.95	42.93	323.30
ENSMUSG00000029772	Ahcyl2	4878.08	1695.88	1189.43	1455.84	812.71	1073.21	735.25	1250.78	2067.48	1229.57	10553.97	9129.60	6987.69	6240.66	6871.51	11194.70	11214.40	12516.19	13154.20	16977.39	19758.46	16726.70	12181.37	16509.68	15922.11
ENSMUSG00000029379	Cxcl3	221.48	0.00	0.00	0.00	20.36	161.97	16.46	0.00	0.00	0.00	391.79	194.03	257.34	88.74	0.00	309.16	355.08	258.14	277.01	468.73	1004.27	1027.33	791.90	537.56	628.70
ENSMUSG00000015852	Fcrls	94.38	0.00	0.00	0.69	35.60	44.66	0.00	0.00	0.00	0.00	75.61	131.42	122.88	18.27	0.00	164.95	34.25	135.02	69.85	86.77	53.46	114.24	74.84	0.00	54.82
ENSMUSG00000035594	Chma5	231.76	42.99	0.00	51.77	0.00	0.00	0.00	0.00	0.00	0.00	1060.82	1142.55	528.60	715.16	1300.17	1623.08	1266.11	934.22	892.44	1047.21	941.64	660.91	600.45	387.62	702.53
ENSMUSG00000028435	Aqp3	559.76	167.65	201.96	136.68	187.22	241.05	347.38	244.00	255.23	786.85	2073.52	2116.58	1655.34	2680.53	3118.97	2739.06	2725.25	2870.18	3428.86	2729.89	2830.27	2745.19	3607.94	1659.05	2624.41
ENSMUSG00000054630	Mpz5	44.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.53	23.42	0.00	10.44	39.84	419.44	214.82	175.30	246.90	488.30	284.86	54.16	609.16	151.52	210.31
ENSMUSG00000039349	C130074G19	559.76	558.85	2.98	131.85	0.00	156.97	172.62	32.92	46.62	264.49	1217.38	931.51	679.29	822.17	1123.46	2249.87	1214.22	1674.63	1403.10	1849.42	2052.83	1304.05	1754.37	982.30	1440.85
ENSMUSG00000046971	Pla2g4f	290.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	762.20	749.08	932.00	529.84	505.70	1320.52	707.78	818.81	1777.66	622.71	697.26	497.59	556.07	455.80	173.39
ENSMUSG00000037944	Ccr7	755.07	432.03	24.59	0.00	0.00	36.12	0.00	45.08	0.00	131.77	1841.35	1642.71	894.91	1769.62	2264.16	2122.63	2396.27	2253.89	2146.20	2454.27	1512.89	2187.52	2011.08	1914.09	1133.22
ENSMUSG00000047406	Omp	470.99	141.86	0.00	0.00	0.00	0.00	0.00	0.00	51.28	0.96	1177.67	1542.21	688.57	542.89	1397.86	1072.63	254.54	119.32	151.38	1215.65	802.65	544.98	1177.41	193.43	561.58
ENSMUSG00000005089	Slc1a2	161.67	0.00	114.02	0.00	116.01	75.53	71.75	53.67	37.29	64.46	271.89	488.56	653.79	242.74	998.47	573.07	424.46	268.94	475.73	743.51	152.74	379.11	335.91	347.21	158.85
ENSMUSG00000056091	St3gal5	377.54	164.43	114.02	177.41	395.31	113.63	276.34	109.48	0.00	106.18	705.69	415.12	421.95	691.67	892.16	508.98	815.71	853.65	1009.27	837.94	487.24	330.88	387.25	540.39	576.12
ENSMUSG00000055114	Anxa13	15.89	0.00	0.00	153.94	28.24	21.02	0.00	0.00	0.00	0.00	111.50	27.06	118.24	53.92	0.00	36.76	83.99	12.31	57.81	111.44	265.00	239.48	395.95	237.37	272.96
ENSMUSG00000078689	Ankrd6	151.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	305.49	173.16	236.48	153.99	1008.64	419.44	214.82	175.30	246.90	488.30	284.86	54.16	609.16	151.52	210.31
ENSMUSG00000053654	Krt42	194.38	119.29	44.72	0.00	0.00	42.04	0.71	20.75	139.85	0.00	235.99	245.83	547.14	334.09	205.44	291.25	262.56	246.08	908.10	341.98	230.64	371.50	480.36	193.18	379.23
ENSMUSG00000015090	Ptgds	355.11	103.17	0.00	32.44	19.64	97.21	0.00	0.00	0.00	0.00	1319.72	1096.94	1683.17	1098.84	2163.60	1760.69	1915.77	1387.18	1872.81	1722.66	1567.88	1674.70	1663.86	1578.24	1551.60
ENSMUSG00000084796	Mir142hg	35.51	0.00	58.88	0.00	0.00	9.85	0.00	10.73	0.00	0.00	12.98	15.46	18.55	54.81	204.00	58.44	125.57	45.73	40.95	62.10	64.91	22.00	120.09	90.91	0.00
ENSMUSG00000036353	P2ry2	94.38	0.00	64.20	27.01	0.00	0.00	0.00	0.00	0.00	0.00	190.93	439.86	280.53	133.11	330.94	230.93	254.26	165.50	230.04	166.74	176.41	273.33	316.76	93.43	124.17
ENSMUSG00000039775	Defb3	28.03	0.00	0.00	0.00	9.21	0.00	0.00	0.00	0.00	0.00	156.56	107.45	118.24	104.40	462.60	129.13	171.24	212.32	98.76	292.64	142.05	324.11	107.91	130.05	118.58
ENSMUSG00000050097	Ces2b	0.00	0.00	67.82	58.68	0.00	78.16	0.00	27.91	0.00	328.01	34.37	48.70	4.64	31.32	0.00	36.76	111.04	104.53	43.36	103.79	88.59	65.16	0.00	90.91	83.90
ENSMUSG00000052276	Osbn	55.14	238.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.37	77.30	106.65	93.96	413.76	92.37	86.14	10.89	160.18	176.95	25.20	59.24	42.64	78.28	46.98
ENSMUSG00000031354	Amelx	150.45	124.67	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	320.00	562.92	452.09	307.99	867.74	688.06	427.57	365.85	647.95	721.39	281.81	426.50	413.36	344.69	402.72
ENSMUSG00000104484	Gm33142	30.84	0.00	0.00	34.99	0.00	0.00	0.00	0.00	0.00	0.00	64.15	0.00	39.41	0.00	175.27	130.07	131.80	151.35	107.19	60.40	0.00	0.00	192.32	93.43	135.36
ENSMUSG00000029334	Pkg2	151.39	0.00	26.83	0.00	63.22	0.00	0.00	0.00	0.00	0.00	359.72	130.64	143.74	334.09	410.88	222.44	268.79	445.33	330.00	536.79	361.23	418.04	205.37	246.21	181.23
ENSMUSG00000099413	Gm17767	123.35	0.00	0.00	0.00	0.00	0.00	77.43	19.32	88.57	0.00	413.18	546.54	424.27	321.04	1.00	434.52	630.98	589.06	798.50	570.82	401.71	426.50	275.86	341.16	371.40
ENSMUSG00000038357	Camp	161.67	0.00	0.00	0.00	9.85	0.00	15.03	0.00	0.00	60.67	467.40	213.36	115.92	318.43	495.64	424.15	191.99	284.19	392.63	381.11	358.94	239.48	548.24	232.32	196.89
ENSMUSG00000025092	Hspa12a	456.03	123.59	0.00	76.62	53.40	43.35	55.41	95.88	0.00	234.16	539.96	286.80	384.86	378.46	974.05	753.10	901.84	586.88	509.45	712.89	242.86	360.50	415.10	392.67	181.23
ENSMUSG00000092009	Myh15	430.80	191.30	0.00	12.43	0.00	0.00	0.00	0.00	0.00	0.00	1367.07	1532.94	1112.84	1803.55	518.63	2286.63	1342.91	908.09	435.98	1372.18	1372.37	879.24	1061.67	656.55	591.78
ENSMUSG00000074934	Gsem1	572.85	149.38	210.51	175.34	75.50	95.24	260.00	340.60	0.00	181.07	1371.66	1503.56	1391.05	1769.62	1070.31	1509.97	1424.89	1113.88	1595.80	2520.62	2464.46	1494.45	1875.33	1834.55	2730.69
ENSMUSG00000043931	Gimap7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.18	0.00	0.00	0.00	0.00	121.59	0.00	62.06	0.00	0.00	0.00	30.46	0.00	0.00	0.00
ENSMUSG00000067235	H2-Q10	923.28	368.62	111.79	13.12	52.79	57.80	29.13	34.35	25.64	11.38	1881.83	1603.28	1838.50	1902.74	3289.93	2806.92	2336.07	2826.62	2541.24	3080.38	1832.12	1866.80	1628.19	1597.18	1343.53
ENSMUSG00000022126	Acod1	139.24	0.00	0.00	0.00	0.00	0.00	19.32	0.00	0.00	0.00	233.70	171.51	148.38	172.26	179.58	156.46	243.88	204.70	295.07	203.32	436.84	407.89	39.16	171.71	115.22
ENSMUSG00000058568	Defb50	0.00	0.00	0.00	2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.37	2.32	2.61	0.00	0.00	0.00	0.00	0.00	30.63	0.00	33.00	0.00	0.00	0.00
ENSMUSG00000033579	Fa2h	122.42	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	62.57	342.15	313.08	148.38	96.57	64.65	283.71	225.20	254.79	165.00	358.99	312.35	132.86	51.34	101.01	451.95
ENSMUSG00000074336	Apoc4	17.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.31	0.00	0.00	54.81	0.00	81.06	73.68	32.67	57.81	0.00	48.88	0.00	0.00	0.00	58.17
ENSMUSG00000097730	Gm26588	65.41	0.00	0.00	26.39	0.00	0.00	13.60	0.00	0.00	0.00	111.50	52.57	27.82	122.67	0.00	71.63	44.63	0.00	133.69	36.58	0.00	77.85	0.00	30.30	5.59
ENSMUSG00000011632	Pthlh	103.73	124.67	0.00	25.54	20.28	40.06	204.59	12.16	0.00	68.26	392.56	259.74	74.19	193.14	234.17	578.73	264.66	547.69	788.87	797.96	353.59	885.16	549.98	575.74	710.36
ENSMUSG00000099170	5730403I07R	72.89	0.00	0.00	2.07	0.00	4.60	0.00	0.00	0.00	69.20	484.97	297.62	285.16	508.96	0.00	295.02	181.61	296.16	319.16	434.71	248.20	55.01	368.97	68.18	95.09
ENSMUSG00000029373	Pf4	55.14	0.00	17.89	150.49	75.50	34.81	277.76	117.35	0.00	0.00	99.28	155.38	60.28	88.74	0.00	231.87	73.68	0.00	89.12	172.69	119.90	185.33	17.40	125.00	159.97
ENSMUSG00000037440	Vnn1	194.38	0.00	0.00	0.00	0.00	0.00	15.74	47.78	0.00	332.22	127.55	27.82	159.21	627.82	151.75	387.10	203.61	237.28	316.46	433.78	297.03	246.27	435.59	369.16	0.00
ENSMUSG00000098207	Arf14	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.79	46.37	0.00	0.00	110.62	82.00	98.51	104.53	136.09	0.00	20.62	46.54	49.60	37.88	51.46
ENSMUSG00000022149	C9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	107.69	18.55	9.28	15.66	0.00	7.54	37.36	0.00	0.00	41.68	0.00	15.23	0.00	93.43	0.00
ENSMUSG00000000791	Il12rb1	80.37	169.80	67.82	240.22	141.18	260.09	370.82	354.91	120.04	161.16	135.18	149.20	306.03	255.79	241.36	185.68	107.93	94.73	172.23	47.64	356.65	410.42	275.86	143.94	189.06
ENSMUSG00000020690	Efcab3	113.07	0.00	32.79	13.81	22.71	0.00	17.89	0.00	0.00	0.00	1193.71	906.78	1013.14	1033.58	0.00	49.01	95.48	54.62	37.34	50.19	1997.84	792.92	717.93	0.00	67.12
ENSMUSG00000026548	Slamf9	75.69	0.00	19.29	50.39	9.21	33.50	0.00	0.00	102.56	0.00	71.46	143.01	18.55	133.11	68.96	249.78	40.47	284.19	119.23	205.02	129.83	45.70	282.82	113.83	25.73
ENSMUSG00000097074	4833428L15F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	119.91	0.00	0.00	2.61	0.00	29.22	281.24	113.24	77.08	75.71	129.07	63.47	37.42	37.88	86.14
ENSMUSG00000037005	Xpnpep2	251.38	46.21	129.67	149.10	118.47	126.11	145.63	176.03	187.64	149.79	12.22	303.03	81.14	177.48	800.21	336.49	453.52	248.25	309.52	354.74	417.74	298.72	842.37	618.67	262.89
ENSMUSG00000087075	Lbhd2	184.10	550.25	277.24	462.50	319.81	151.06	323.23	155.99	81.58	35.08	105.39	113.64	185.47	101.79	165.21	130.07	142.18	109.97	472.12	261.16	232.16	334.26	218.43	258.83	218.14
ENSMUSG00000024731	Mx4a10	27.10	119.71	26.08	239.53	134.43	94.58	115.79	133.09	308.84	261.65	51.17	83.49	18.55	31.32	39.84	50.90	122.84	90.37	204.74	53.59	133.65	35.54	133.34	164.14	62.65
ENSMUSG00000038135	Crygn	0.00	183.77	0.00	0.00	33.15	0.00	0.00	28.62	80.42	0.00	55.75	37.11	23.18	5.22	367.78	129.13	60.19	90.37	246.90	39.98	34.37	136.24	270.64	23.99	128.65
ENSMUSG00000029409	U90926	211.20	0.00	0.00	0.00	0.00	12.08	0.00	0.00	0.00	53.09	57.28	45.61	0.00	5.22	0.00	89.54	202.37	67.51	112.01	160.78	123.72	8.46	172.30	56.82	0.00
ENSMUSG00000028751	Pla2g2e	89.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.84	107.69	116.73	67.23	78.30	0.00	0.94	206.52	161.15	485.38	144.62	289.44	60.93	27.85	68.18	171.16
ENSMUSG00000087265	Gm12249	49.53	0.00	64.20	0.00	0.00	0.00	1.45	0.00	0.00	0.00	0.00	106.68	48.69	2.61	0.00	55.61	86.14	210.15	54.20	217.78	135.17	60.93	330.68	316.91	590.66
ENSMUSG00000040706	Agmat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.69	18.27	0.00	30.16	0.00	14.15	0.00	148.02	0.00	0.00	0.00	23.50	10.10
ENSMUSG00000003279	Dlgap1	79.43	108.55	58.88	98.02	90.23	0.00	41.20	30.05	0.00	0.00	215.37	167.75	51.01	112.23	0.00	108.39	23.87	106.71	127.66	141.22	0.00	0.00	0.00	98.48	13.42
ENSMUSG00000063354	Slc39a4	242.97	23.64	0.00	20.71	11.05	120.85	41.20	60.82	0.00	58.78	347.50	221.09	23.18	127.89	481.28	409.07	307.19	506.36	221.35	753.72	946.99	1167.81	697.92	1017.65	1025.83
ENSMUSG00000020062	Slc5a8	574.72	0.00	0.00	13.81	0.00	28.24	22.73	115.92	107.22	0.00	2489.76	2455.95	1877.91	2007.14	2110.44	2468.06	1630.37	1771.54	1751.16	2238.19	2409.48	1762.71	1408.89	1436.83	930.74
ENSMUSG00000092212	Slc22a13b-ps	20.56	0.00	0.00	0.00	11.82	0.00	7.87	0.00	0.00	0.00	155.80	119.82	32.46	263.62	0.00	180.97	49.81	56.62	59.01	92.73	58.04	0.00	0.00	64.39	0.00
ENSMUSG00000000385	Tmprss2	1454.08	185.92	73.04	142.89	149.77	40.06	109.40	274.06	171.32	326.12	927.17	1214.45	774.35	921.35	2068.78	2222.54	2840.44	2295.27	2804.99	3165.45	2588.18	2581.87	1164.36	2905.23	3278.84
ENSMUSG00000032105	Pdzd3	89.81	0.00	27.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.81	43.29	55.64	93.96	0.00	53.97	26.13	102.37	0.00	0.00	81.24	0.00	0.00	93.87	34.68
ENSMUSG00000032786	Alas1	2521.27	1991.43	1208.81	1046.49	1426.54	1377.31	1368.20	1207.14	750.54	1464.67	3447.47	3927.04	4263.55	3278.24	7671.72	5356.53	5157.84	5285.22	5029.48	6539.32	6379.19	5538.62	4821.90	5816.77	5596.74
ENSMUSG00000058019	Ces5a	236.43	0.00	49.93	22.78	19.03	0.66	0.00	12.16	0.00	99.54	798.10	494.75	864.77	636.86	1939.48	773.84	703.62	631.53	930.98	1194.38	691.91	570.41	409.00	607.31	681.27
ENSMUSG00000024254	Abcg8	49.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.61	59.52	259.66	216.64	0.00	308.21	31.13	51.18	68.65	300.30	209.25	23.69	37.42	30.30	110.75
ENSMUSG00000032554	Tlf	1668.08	228.91	20.87	40.04	0.00	161.57	142.79	53.67	192.86	1921.99	2725.53	190.22	288.34	271.25	187.92	5671.18	5332.96	3329.24	4020.43	4887.58	4871.95	161.90	148.09	221.91	3218.35	2439.83
ENSMUSG00000038009	Dnajc22	129.90	0.00	0.00	0.00	12.28	0.00	27.71	0.00	0.00	0.00	0.00	113.64	0.00	31.32	0.00	185.68	325.87	139.37	84.31	135.26	222.24	0.00	200.15	203.28	60.41
ENSMUSG00000026417	Pigr	921.41	360.03	62.60	48.32	23.33	404.59	642.19	406.43	761.03	778.32	671.32	650.13	540.19	368.02	1058.81	1453.42	1817.18	2762.38	2513.53	2848.99	6617.46	4916.63	4914.14	6225.85	7137.15
ENSMUSG00000031957	Ctrb1	442.95	64.48	0.00	0.00	0.00	0.00	33.39	0.00	0.00	0.00	1434.28	1045.92	510.05	874.37	1831.73	1504.31	882.13	1093.19	1911.35	1473.41	748.43	533.13	982.48	825.74	507.88
ENSMUSG00000053054	Ankfn1	68.22	24.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	111.50	138.37	99.69	305.38	678.39	391.16	362.19	165.50	498.61	491.70	499.46	253.02	614.38	63.98	319.94
ENSMUSG00000028088	Fmo5	256.05	564.22	105.08	203.64	119.08	395.39	288.42	245.43	3.50	71.10	723.25	674.86	683.93	318.43	1366.26	1072.63	1066.85	1010.44	1286.27	1147.59	1115.77	1161.04	1351.45	700.74	1312.21
ENSMUSG00000024313	Mep1b	245.77	0.00	0.00	24.16	0.00	0.00	0.00	0.00	0.00	0.00	466.64	361.78	227.20	167.04	0.00	743.67	652.77	734.97	873.17	716.29	162.67	693.91	362.88	781.55	420.62
ENSMUSG00000031965	Tbx20	30.84	0.00	0.00	0.00	0.00	0.00	10.73	0.00	0.00	0.00	510.17	422.85	410.36	96.57	0.00	397.76	662.11	260.23	364.93	222.88	266.53	72.76	31.33	184.34	102.92
ENSMUSG00000094893	Gm4791	0.00	0.00	2.07	6.75	0.00	0.00	0.00	0.00	0.00	0.00	65.68	20.87	0.00	0.00	0.00	55.61	25.94	190.55	107.19	115.69	54.22	0.00	34.81	130.05	129.77
ENSMUSG00000066515	Klk1b3	10.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	154.27	262.83	64.92	263.62	262.91	510.86	362.19	200.35	133.69	622.71	127.54	434.97	214.07	277.77	319.94
ENSMUSG00000015340	Cybb	550.42	0.00	0.00	0.00	62.40	60.38	25.76	0.00	0.00	54.98	930.99	1662.81	1479.15	1067.52	1363.38	1718.27	1352.25	1466.66	1388.65	1657.16	2259.03	1161.04	1483.73	1487.34	1506.86
ENSMUSG00000084174	Sycn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.81	67.25	6.96	5.22	0.00	38.84	30.10	57.71	0.00	23.82	0.00	80.39	99.21	112.37	57.05
ENSMUSG00000087382	Ccl6os	21.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.54	126.01	139.10	67.86	640.39	225.27	148.40	224.30	181.86	181.20	147.39	49.08	96.59	204.48	202.48
ENSMUSG00000018819	Lsp1	1924.13	472.87	102.85	49.70	50.33	344.82	389.29	298.39	146.84

ENSMUSG00000017453	Plpox	94.38	0.00	45.46	0.00	0.00	19.05	0.00	19.32	0.00	0.00	0.00	64.92	100.50	39.41	237.52	206.88	298.79	290.58	226.48	134.89	203.32	182.52	59.24	180.14	136.36	154.38
ENSMUSG00000000693	Loxl3	377.54	79.53	74.53	68.34	164.51	96.55	31.97	130.23	55.94	106.18	507.88	370.29	294.44	665.57	420.94	468.45	618.53	727.34	756.35	530.84	562.85	654.99	673.55	558.07	528.01
ENSMUSG00000055360	Prf2c5	113.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.63	34.78	219.25	280.15	32.05	59.15	86.02	61.42	50.19	78.66	177.71	0.00	18.94	16.78	
ENSMUSG00000075010	4933412D10	1029.82	688.89	146.82	343.77	109.28	316.58	210.98	399.99	496.48	884.49	1845.17	1817.42	1094.29	1132.77	3034.21	2317.74	2617.32	2705.76	2576.16	3325.38	5106.87	4190.56	5072.52	3503.70	3532.78	
ENSMUSG00000022753	Tmem30c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68.74	0.00	0.00	0.00	0.00	32.99	22.83	38.11	60.22	4.25	0.00	0.00	0.00	0.00	8.95	
ENSMUSG00000031596	Slc7a2	65.41	833.97	263.82	0.00	129.52	204.92	132.13	148.12	1044.23	473.06	350.55	580.55	204.02	307.99	517.19	361.94	524.09	584.71	946.64	815.82	1140.20	600.83	335.91	862.35	259.53	
ENSMUSG00000036925	Mud2	74.76	0.00	104.34	0.00	0.00	0.00	0.00	23.61	0.00	0.00	1663.40	1049.79	994.60	1263.27	601.96	550.45	150.48	166.59	222.81	236.49	955.39	1494.45	1686.49	249.99	71.60	
ENSMUSG00000025279	Dnase1l3	3092.25	1699.11	523.92	1160.39	670.30	499.17	383.61	686.21	261.06	379.20	7041.58	8103.78	7156.93	6890.56	7681.78	7821.30	5882.22	6362.08	5001.78	7912.35	5921.73	4997.02	6430.07	3787.78	4176.02	
ENSMUSG00000039364	Sectm1b	42.99	0.00	0.00	11.74	74.89	72.90	56.83	25.04	0.00	0.00	81.72	126.01	23.18	78.30	137.92	108.39	59.15	308.14	193.90	220.33	355.12	233.56	467.31	763.87	821.71	
ENSMUSG00000040428	Plekha4	1557.81	1878.58	988.96	1217.69	1425.93	1561.87	1800.83	1254.36	1462.62	1892.23	1900.16	1062.16	1824.59	1506.01	3103.17	2361.09	1828.59	1634.34	1624.70	1000.42	1228.03	1285.43	1467.19	1430.52	1166.78	
ENSMUSG00000021367	Edn1	176.62	216.02	0.00	35.21	22.10	0.00	20.60	0.00	114.21	73.00	381.86	182.44	296.76	472.42	0.00	227.16	241.81	312.50	343.25	362.40	620.89	338.49	522.13	236.11	387.06	
ENSMUSG00000072601	Ccr1	9.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.99	116.73	64.92	180.09	0.00	94.26	441.06	338.63	625.07	509.57	892.77	702.38	791.03	821.95	788.67	
ENSMUSG00000025934	Gsta3	130.83	202.04	0.00	0.00	0.00	85.25	32.92	0.00	0.00	0.00	366.59	221.86	139.10	289.72	1090.42	416.61	1006.66	323.38	540.77	328.37	615.54	72.78	859.78	594.68	671.21	
ENSMUSG00000023064	Sncg	1136.35	457.82	0.00	43.49	69.36	68.96	28.42	30.77	152.67	0.00	2011.66	1870.76	1919.64	1660.00	6532.46	3806.97	2866.39	3845.77	3651.67	3422.36	2278.12	1780.48	2131.17	2421.65	2781.03	
ENSMUSG00000090925	1810064F22f	50.46	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	341.39	281.39	208.66	281.89	520.07	495.78	641.36	252.61	433.58	437.26	331.45	462.89	279.34	176.76	211.43	
ENSMUSG00000097875	Gm26704	0.00	0.00	127.44	33.13	9.82	56.48	0.00	32.92	0.00	0.00	113.80	160.79	41.73	15.66	0.00	0.00	0.00	0.00	0.00	0.00	58.80	141.32	192.32	0.00	0.00	
ENSMUSG00000029603	Dtx1	262.59	139.71	138.62	0.00	38.67	238.42	264.26	67.26	0.00	40.76	521.63	519.48	377.90	287.11	339.05	490.13	993.17	418.11	319.16	791.15	736.97	636.37	392.47	497.46	605.20	
ENSMUSG00000020651	Slc26a4	209.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	515.52	1083.80	500.78	861.32	462.60	677.70	383.98	605.39	414.31	818.37	458.98	633.83	342.00	335.85	319.94	
ENSMUSG00000039611	Tmem246	432.67	199.89	88.69	265.77	87.78	278.48	174.76	209.66	139.85	193.39	1220.44	1205.94	1282.08	1425.09	1551.58	1411.00	696.36	1113.88	1083.94	1283.70	1618.28	506.90	1384.52	881.29	501.17	
ENSMUSG00000027446	9230104L09f	24.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	187.88	0.00	18.55	0.00	0.00	31.10	138.06	46.82	73.47	162.48	0.00	242.87	0.00	25.25	71.60	
ENSMUSG00000073207	Ccdc160	18.69	191.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.64	99.69	39.15	0.00	114.99	113.12	83.84	102.37	113.14	151.98	184.48	0.00	25.25	0.00		
ENSMUSG00000051029	Serpinb1b	63.55	119.29	23.10	35.90	9.21	30.87	0.00	84.44	67.60	117.55	62.63	104.36	11.59	33.93	389.33	210.19	168.12	161.15	362.52	280.73	446.76	342.73	190.58	78.28	186.82	
ENSMUSG00000101565	1700003L19f	12.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.86	0.00	0.00	2.61	43.10	0.00	89.25	58.80	130.07	0.00	0.00	58.39	0.00	22.73	0.00	
ENSMUSG00000039208	Metml	356.04	283.72	339.09	93.19	131.36	118.88	533.50	198.21	0.00	159.27	957.72	998.77	869.40	942.23	1347.58	1013.24	1715.47	1657.21	1557.26	1800.08	1725.20	2073.28	1395.84	1919.14	1653.40	
ENSMUSG00000022479	Vdr	2564.26	1112.32	1477.84	1843.10	1633.40	1167.79	1638.15	926.64	992.95	1208.71	3836.21	3441.57	3338.51	2359.50	2402.08	3601.49	3531.61	4012.37	4865.68	5010.61	3331.26	3164.08	3144.98	3438.04	3012.59	
ENSMUSG00000050074	Spink8	26.17	0.00	0.00	0.00	0.00	0.00	0.00	23.61	0.00	0.00	33.60	0.00	4.64	0.00	0.00	27.33	87.17	0.00	0.00	63.80	0.00	0.00	0.00	93.98	0.00	0.00
ENSMUSG00000045573	Penk	455.10	192.37	224.32	231.94	54.45	192.44	521.42	330.58	43.12	107.13	1190.65	942.34	572.65	652.52	2440.87	1664.55	1224.60	996.29	797.30	1470.86	811.81	1011.25	1156.52	744.93	577.24	
ENSMUSG00000059121	Glmd1	56.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.15	162.29	0.00	258.68	81.06	36.32	33.75	0.00	14.46	0.00	121.01	0.00	49.24	0.00	
ENSMUSG00000033533	Acsm1	0.00	0.00	36.52	38.66	0.00	0.00	58.25	86.58	38.46	39.82	70.26	0.00	0.00	0.00	445.36	23.56	0.00	62.06	0.00	0.00	3.82	15.23	131.40	42.93	228.21	
ENSMUSG00000075122	Cd80	2301.67	321.34	0.00	62.82	148.55	118.88	21.31	55.81	97.90	282.51	3038.11	4065.42	3579.62	3935.97	5518.18	7813.76	5610.32	5126.25	4854.84	5942.13	3438.18	1394.60	2278.24	3212.04	3397.42	
ENSMUSG00000050544	Gpa33	617.70	607.21	174.39	134.61	11.05	80.79	0.00	6.44	95.57	46.45	729.36	702.69	533.23	281.89	856.24	1340.31	1113.55	1040.93	1165.84	1953.20	1728.25	1507.15	1273.13	1775.21	2258.61	
ENSMUSG00000098050	Gm5345	34.58	0.00	39.50	0.00	0.00	40.06	41.20	1.43	0.00	0.00	172.60	20.10	2.32	0.00	0.00	91.43	0.00	3.27	32.52	3.40	45.82	54.16	0.87	0.00	80.54	
ENSMUSG00000036022	Fam122b	1039.16	448.15	512.74	492.87	737.21	603.60	225.90	746.32	60.60	671.19	1381.59	946.20	1013.14	746.48	341.92	1099.02	834.39	1253.25	1495.84	1885.15	1851.97	1467.37	797.99	1042.90	1802.19	
ENSMUSG00000028222	Calb1	296.24	0.00	38.01	37.28	41.74	18.39	0.00	0.00	0.00	0.00	445.25	231.91	651.47	1020.53	1012.84	541.97	910.15	762.19	1344.08	964.69	690.39	531.44	727.51	226.00	559.34	
ENSMUSG00000062545	Tlr12	148.59	0.00	55.89	31.06	3.68	206.89	64.65	52.95	0.00	0.00	224.54	548.86	331.53	417.61	426.69	666.38	272.94	393.07	333.61	368.35	354.36	432.43	325.48	243.68	86.14	
ENSMUSG00000050445	Cyp8b1	22.43	0.00	0.00	47.63	0.00	0.00	0.00	0.00	0.00	0.00	68.74	119.82	23.18	174.87	182.45	82.00	15.57	143.73	0.00	132.71	34.37	99.86	0.00	54.29	46.98	
ENSMUSG00000000031	H19	1397.07	364.32	1410.03	2477.48	897.42	436.11	1250.28	619.67	355.46	484.43	955.42	925.33	1782.86	1085.79	1840.35	957.63	1876.33	954.91	1881.24	1552.52	1299.82	1437.76	1251.38	1833.29	1380.45	
ENSMUSG00000035540	Gc	259.79	0.00	0.00	0.00	0.00	12.48	0.00	0.00	0.00	0.00	32.08	221.09	57.96	203.58	0.00	260.14	257.37	276.56	405.87	625.26	559.79	528.90	736.21	377.52	437.40	
ENSMUSG00000074664	4930092H15i	0.00	82.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.23	20.88	0.00	0.00	0.00	0.00	6.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000001156	Mxd1	2550.24	1685.14	769.11	746.90	853.84	571.41	790.66	626.82	1039.57	1186.91	5665.34	7421.96	5058.77	6872.29	9313.81	6824.08	7191.91	6877.10	9082.21	7264.96	7781.34	6865.51	6048.04	5903.89	7059.96	
ENSMUSG00000033382	Etv3	3947.32	2839.37	1455.49	1940.43	1783.79	1465.32	1480.45	1700.15	1474.28	2065.71	6527.59	5443.75	5745.02	6953.21	5164.76	6821.26	6656.41	7273.43	7227.47	7811.11	7522.45	8051.09	6214.25	6015.00	5576.60	
ENSMUSG00000085683	Tmem238l	0.00	0.00	0.00	86.29	0.00	0.00	0.00	0.00	0.00	0.00	74.08	34.01	78.83	0.00	0.00	34.87	103.78	144.82	51.79	118.25	184.05	127.78	0.00	93.43	140.95	
ENSMUSG00000043068	Fam89a	1785.82	1067.18	595.46	509.44	530.96	488.66	674.87	646.86	219.10	171.59	3139.69	3241.36	3776.69	4001.23	5051.27	3124.56	2783.36	2590.34	2391.89	2746.91	2000.13	2200.21	3201.55	1938.08	1537.06	
ENSMUSG00000026414	Tnnt2	1833.48	111.77	196.00	80.77	143.64	166.17	32.68	95.17	45.45	0.00	2148.37	1997.54	2749.63	2367.33	1803.00	3031.25	4670.07	2716.65	2217.26	4130.14	1914.60	2498.94	1587.28	2016.36	1393.87	
ENSMUSG00000030492	Slc7a9	28.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.79	0.00	0.00	0.00	0.00	70.69	0.00	0.00	0.00	62.95	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000070868	Skint3	596.21	485.77	418.83	543.96	260.88	932.65	398.53	962.42	1320.44	1339.54	832.46	275.98	570.33	409.78	428.12	1056.60	1627.26	1460.13	1533.17	2091.87	4452.37	3820.76	2483.61	2787.81	4183.85	
ENSMUSG00000038264	Sema7a	1256.90	323.49	121.48	34.51	30.08	288.33	153.44	83.00	48.95	169.69	1894.05	2132.04	2086.57	1842.70	2369.04	3149.07	1881.52	2153.72	2518.35	2691.61	2138.36	1818.56	1505.48	1100.98	1052.67	
ENSMUSG00000030228	Pik3c2g	39.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	172.60	114.41	48.69	127.89	0.00	62.21	116.23	81.66	0.00	79.11	37.42	0.00	76.58	50.50	0.00	
ENSMUSG00000052353	Cemip	649.48	570.67	378.59	70.41	408.81	548.43	173.33	504.46	1147.95	481.59	557.52	469.24	377.90	404.56	79.02	705.03	1204.88	694.68	863.54	1356.86	1217.34	1210.12	853.69	814.37	397.13	
ENSMUSG00000029865	Svat1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106.16	68.80	0.00	65.25	0.00	68.81	154.63	82.75	0.00	68.91	58.80	0.00	39.16	0.00	62.65	
ENSMUSG00000024770	Lipn	0.00	0.00	0.00	0.00	0.00	36.12	0.00	0.00	0.00	0.00	48.11	14.69	4.64	0.00	0.00	144.21	39.44	43.55	145.73	51.89	32.08	87.16	33.94	204.54	151.02	
ENSMUSG00000080115	Mettl21b	73.83	84.90	0.00	32.44	0.00	0.00	0.00	0.00	95.57	25.60	189.40	54.11	34.78	73.08	0.00	61.27	70.57	114.33	113.21	151.42	38.19	87.16	152.29	0.00	0.00	
ENSMUSG00000032357	Tinag	19.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	123.72	23.19	97.37	109.62	478.41	120.65	0.00	46.82	230.04	144.62	0.00	294.49	81.80	166.66	93.97	
ENSMUSG00000048489	8430408G22i	63.55	0.00	114.77	51.08	77.34	150.41	140.66	45.80	0.00	185.81	205.44	59.52	90.42	172.26	0.00	121.59	190.95	292.90	468.50	290.94	397.12	239.48	341.13	371.20	560.46	
ENSMUSG00000096299	Gm21814	38.31	0.00	0.00	16.57	0.00	0.00	0.00	7.87	0.00	76.79	90.12	81.94	27.82	23.49	491.33	102.74	85.10	63.15	91.53	248.40	247.44	82.93	44.38	17.68	161.09	
ENSMUSG00000101746	2310043L19f	20.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206.21	82.72	153.02	156.60	183.89	152.69	226.24	103.44	98.76	149.72	0.00	0.00	0.00	154.04	63.76	
ENSMUSG00000083020	Gm15331	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.22	26.98	23.95	0.00	36.58	14.51	0.00	0.00	0.00	13.89	0.00
ENSMUSG00000030278	Cldec	82.24	0.00	0.00	0.00	0.00	26.93	0.00	28.62	0.00	0.00	177.95	415.90	217.93	161.82	277.27	457.14	92.36	286.36	249.31	422.80	147.39	279.26	236.70	73.23	153.26	
ENSMUSG00000028415	Spink4	39.25	0.00	0.00	0.00	0.00	45.32	0.00	0.00	0.00	0.00	206.21	139.15	23.18	28.71	24.42	325.18	264.64	137.19	243.28	186.30	415.45	561.05	333.29	353.53	202.48	
ENSMUSG00000046108	Il17c	57.00	0.00	0.00	0.00	0.00	0.00	0.00	11.45	0.00	0.00	72.55	13.91	74.19	62.64	0.00	200.76	78.87	39.20	0.00	92.73	169.54	149.78	0.00	65.65	0.00	
ENSMUSG00000079563	Pglyrp2	3431.47	1860.31	741.53	1038.21	840.95	491.29	171.20	461.53	731.89	523.30	5711.16	6615.68	6090.46	5747.36	6286.79	7186.97	6407.34	7228.79	7805.57	5852.81	4683.01	3974.77	4730.53	3761.27	4736.47	
ENSMUSG00000036814	Slc6a20a	868.15	110.69	0.00	0.00	20.26	31.53	0.00	0.00	0.00	112.81	1742.83	2637.61	2700.95	2106.32	2718.15	2666.48	1634.53	2007.82	2129.34	2051.88	2226.19	1096.72	1682.14	1718.39	1315.56	
ENSMUSG00000045608	Dbx2	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	177.19	110.54	190.11	60.03	613.45	254.49	58.04	137.19	2.41	59.55	132.88	251.33	115.74	82.07	96.21	
ENSMUSG00000001493	Meox1	320.53	378.30	202.71	456.29	235.10	347.45	484.48	394.98	1023.25	627.58	155.80	258.20	303.71	482.86	883.54	347.80	426.53	542.24	207.15	470.44	786.61	244.56	315.02	310.60	816.63	
ENSMUSG00000003484	Cyp4f18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.02	83.49	180.84	91.35	0.00	98.03	86.14	141.55	0.00	199.91	90.12	23.69	168.82	143.94	61.53	
ENSMUSG00000062515	Fabp4	3384.75	2822.17	116.26	53.15	58.31	478.15	867.38	536.66	580.39	1475.10	8711.85	7143.66	6785.98	5990.09	8717.60	11176.79	13254.71	10401.66	14476.61	15697.94	14581.33	15322.80	11889.84	14534.98	15613.36	
ENSMUSG00000044375	Prr33	57.94	0.00	0.00	0.00	19.64	37.44	20.60	0.00	0.00	0.00	290.22	155.38	115.92	318.43	188.20	197.94	361.15	277.65	126.46	2.55	139.76	201.40	97.46	104.80	25.73	
ENSMUSG00000052485	Tmem171	71.96	0.00	0.00	0.00	0.00	0.00	0.00	7.87	0.00	0.00	13.75	0.00	97.37	57.42	0.00	43.36	110.01	8.71	72.26	81.67	142.81	48.24	0.00	0.00	0.00	
ENSMUSG00000060477	Irak2	945.71	420.21	219.11	207.78	302.00	405.90	320.38	375.66	469.67	352.66	1427.41	1174.25	795.21	910.91	1172.31	1180.08	1739.34	1903.29	2197.99	2141.21	1989.44	1697.55	1435.00	1756.27	1850.29	
ENSMUSG00000035373	Ccl7	94.38	92.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.89	197.13	55.64	140.94	415.19	203.59	186.80	93.64	219.20	156.53	164.96	34.70	78.32	42.93	52.58	
ENSMUSG00000032297	Cxcl6	6.00	28.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160.38	94.31	97.37	46.98	0.00	149.87	65.38	27.22	130.07	214.38	230.64	71.93	54.82	94.69	128.65	
ENSMUSG00000074892	B3galt5	1343.81	1864.61	702.03	760.02	524.21	202.29	670.60	362.78	0.00	271.13	1954.38	2178.43	1142.98	1062.30	3741.04	2407.28	2552.97	2436.82	2244.96	2583.57	2156.69	1621.39	1418.46	2326.96	2531.56	
ENSMUSG00000089745	1810008B00i	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.31	0.00	0.00	49.64	14.69	25.50	0.00	0.00	60.32	0.00	0.00	148.14	0.00	21.38	8.46	133.14	7.58	0.00	
ENSMUSG00000097327	E030030I06f	99.99	165.50	62.60	38.66	77.34	77.50	0.00	90.16	0.00	309.05	296.33	245.83	155.33	185.31	481.28	210.19	297.85	194.90	154.16	187.15	175.65	232.71	209.72	198.23	176.75	
ENSMUSG00000103765	Gm37857	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.27	0.00	88.01	0.00	0.00	0.00
ENSMUSG00000039131	Glpc2	240.17	0.00	35.77	13.81	35.60	0.00	0.00	12.16	160.83	88.16	55.75	215.68	435.86	174.87	382.15	362.88	371.53	554.22	352.88	315.61	230.64	466.28	267.16	181.30	685.75	
ENSMUSG00000026875	Traf1	2154.02	1282.12	736.31	646.12	939.16	1577.63	986.02	1458.29	1088.52	1248.53	2620.35	2367.82	2923.51	2380.38	3103.17	2913.43	2715.91	3705.31	3330.10	3657.15	2861.59	1889.65	2909.15	2833.26	2673.64	
ENSMUSG00000044294	Krt84	335.48	343.91	0.00	0.00	26.39	13.79	0.00	0.00	0.00	0.00	739.29	1001.86	632.93	336.70	817.45	914.28	1318.00	1280.47	1404.30	1493.83	2299.50	2923.75	1872.72	1595.92	1084.00	
ENSMUSG00000027073	Pig2	446.69	404.09	0.00	0.00	22.71	23.64	0.00	6.44	0.00	0.00	1832.19	1639.62	1810.68	1221.51	1708.18	2468.55	1440.46	1503.68	1887.26	1791.57	1420.48	1966.65	1141.73	874.98	1541.54	
ENSMUSG00000031444	F10	44.86	147.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.62	367.35	299.94	609.74	161.82	445.36	620.20	405.78	254.79	321.57	282.43	118.37	377.42	123.57	196.96	247.23	
ENSMUSG00000073420	Btnl5-ps	362.58	0.00	122.22	38.66	0.00	0.00	0.00	30.77	0.00	10.43	153.51	261.29	206.34	331.48	903.65	602.29	609.19	589.06	486.57	497.66	764.46	706.61	564.77	843.41	1128.74	
ENSMUSG00000047230	Cdn2	58.87	0.00	43.97	40.73	60.77	47.29	0.00	65.12	175.98	0.00	155.04	148.42	106.65	117.45	1.44	285.59	28.02	342.98	69.85	170.99	156.56	235.25	103.56	251.26	322.18	
ENSMUSG00000097023	Mir9-3hg	0.00	0.00	0.00	46.25	17.19	45.98	66.07	49.37	0.00	0.00	34.37	54.89	55.64	15.66	0.00	97.08	89.25	150.26	55.40	101.23	0.00	110.86	125.31	20.20	100.68	
ENSMUSG00000074673	Tlr9	382.21	0.00	33.54	0.00	0.00	0.00	85.87	0.00	73.00	1508.36	803.19	832.31	798.68	1854.72	1304.49	1095.91	725.17	1293.50	903.44	381.85	566.13	254.98	458.32	271.84		
ENSMUSG00000064120	Mocs1	1011.13	276.20	448.64	638.53	442.57	673.88	587.49	459.38	335.65	899.66	1452.61	1287.11	1138.34	1500.79	1578.88	1802.16	2594.49	2361.69	2155.83	2090.17	2052.83	1661.16	1898.82	1493.85	1676.90	
ENSMUSG00000044748	Defb1	24.30	326.71	155.01	212.61	74.89	285.05	270.66	160.28	181.81	0.00	311.60	52.57	67.23	101.79	0.00	66.92	100.67	99.08	281.82	133.56	93.94	326.65	261.94	265.14	560.46	
ENSMUSG00000066512	Klk1b5	20.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	134.42	268.24	92.74	86.13	0.00	183.80	146.33	74.04	344.45	69.76	225.29	53.31	129.66	175.50	108.51	
ENSMUSG00000049093	Il23r	429.87	119.29	377.10	220.90	174.94	334.97	288.42	231.84	862.42	479.69	685.06	1146.42	1235.71	1208.46	1400.74	1247.94	1536.97	1419.84	1989.63	1533.81	1205.12	921.55	625.69	1166.64	1213.76	
ENSMUSG00000021087	Rin1	269.14	0.00	46.21	43.49	0.00	55.83	0.00	0.00	0.00	0.00	871.41	947.75	714.07	694.28	524.38	1130.12	1112.52	715.37	635.91	1106.76	864.51	662.60	868.48	513.88	682.39	
ENSMUSG00000005413	Hmox1	1098.03	481.47	403.93	475.62	316

Supplementary Table 3 D - Normalized counts of the top 500 specifically upregulated genes of Post-Aire across mTECAlk6, mTECBlk6, mTECCd4, mTECAlk6, mTECBlk6 and mTECCd4.

geneID	mTECAlk6			mTECBlk6			mTECCd4			mTECAlk6			mTECBlk6			mTECCd4		
ENSMUSG00000076514	Igkv17-121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000048284	Tas2r126	136.44	0.00	0.00	62.00	0.00	79.56	0.00	0.00	0.00	0.00	0.00	32.05	0.00	96.91	60.22	83.37	0.00
ENSMUSG00000076564	Igkv12-46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.24	0.00
ENSMUSG00000085416	1700019G24(	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.88	0.00	0.00
ENSMUSG00000052850	Tas2r137	214.93	0.00	0.00	16.64	37.44	14.45	132.84	0.00	0.00	0.00	25.51	2.32	0.00	0.00	0.00	11.91	0.00
ENSMUSG00000056203	Tas2r135	40.18	0.00	0.00	0.00	61.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.94	0.00
ENSMUSG00000030484	Lypd5	184.10	30.09	0.00	0.00	0.00	58.96	0.00	71.09	0.00	251.27	112.09	92.74	193.14	0.00	106.51	570.79	285.28
ENSMUSG00000043164	Tmem212	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.49	0.00	0.00	0.00	0.00	0.00	0.00	17.64	0.00
ENSMUSG00000056926	Tas2r113	48.59	0.00	0.00	22.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.40	43.55
ENSMUSG00000072473	1700024G13(	0.00	0.00	0.00	0.00	0.00	18.60	0.00	0.00	0.00	0.00	20.10	13.91	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000044772	Snn	0.00	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	127.65	47.91	0.00
ENSMUSG00000040154	Wfdc5	45.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.97	0.00	0.00	0.00	0.00	20.74	64.34	0.00	0.00
ENSMUSG00000102460	Gm10297	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.36	0.00
ENSMUSG00000037140	Tas2r108	158.86	183.77	117.75	87.67	225.28	0.00	0.00	0.00	188.65	0.00	13.91	0.00	0.00	26.39	270.86	186.19	0.00
ENSMUSG00000046834	Krt1	98.12	72.01	21.61	0.00	0.00	12.48	0.00	56.53	0.00	648.41	514.07	489.18	375.85	1004.22	360.06	1041.95	1042.02
ENSMUSG00000045655	Fam216b	0.00	0.00	0.00	0.00	0.00	46.63	0.00	35.78	30.30	0.00	0.00	2.32	78.30	0.00	0.00	14.53	81.66
ENSMUSG00000050157	Gnat3	0.00	0.00	0.00	0.00	0.00	25.62	14.92	0.00	0.00	0.00	0.00	2.32	0.00	0.00	0.00	22.62	118.31
ENSMUSG00000047671	Tctex1d4	28.97	0.00	0.00	0.00	0.00	0.00	17.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.19	45.73	0.00
ENSMUSG00000050296	Abca12	176.62	0.00	35.77	73.86	0.00	0.00	0.00	65.12	0.00	63.52	175.66	117.50	113.60	323.65	0.00	369.48	41.51
ENSMUSG00000099553	Gm29538	0.00	0.00	0.00	0.00	0.00	0.00	15.03	0.00	0.00	0.00	0.00	0.00	127.86	0.00	37.36	0.00	0.00
ENSMUSG00000029837	Gm10261	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000026809	Spaca9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.28	4.64	0.00	0.00	0.00	87.17	0.00
ENSMUSG00000052212	Cd177	228.02	0.00	277.24	595.04	790.61	40.72	132.84	80.86	404.41	214.25	142.05	195.58	248.07	5.22	96.26	352.51	1684.34
ENSMUSG00000033263	Aldh3b3	84.10	15.05	0.00	25.54	11.05	0.00	0.00	30.77	0.00	0.00	132.13	122.91	76.51	109.62	0.00	196.05	127.65
ENSMUSG00000022439	Ces3	4493.06	2466.69	1785.64	918.10	1405.67	194.41	239.40	286.79	31.47	528.99	77.14	96.42	192.43	318.43	527.25	195.35	3302.26
ENSMUSG00000067377	Tspan6	176.62	333.16	415.85	654.40	400.22	446.62	703.28	329.87	329.82	660.76	278.00	361.01	354.72	250.57	137.92	94.26	462.86
ENSMUSG00000091376	Aadac2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.05	23.49	0.00	0.00	52.93	0.00
ENSMUSG00000089916	Gm16160	77.56	0.00	0.00	0.00	27.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.28	0.00	71.86
ENSMUSG00000076677	Igfv6-3	34.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.66	0.00	19.79	0.00	0.00
ENSMUSG00000036951	C130079G13	36.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	174.13	0.00	153.02	20.88	0.00	0.00	58.12	19.60
ENSMUSG00000090121	Abhd12b	22.43	0.00	0.00	0.00	21.67	0.00	0.00	0.00	0.00	38.95	0.00	11.59	2.61	0.00	0.00	122.46	0.00
ENSMUSG00000038295	Atg9b	73.82	56.96	39.50	20.71	47.26	0.00	147.76	0.00	102.56	0.00	95.47	109.00	257.34	78.30	409.45	163.06	619.56
ENSMUSG00000044903	Gnai2	388.75	88.19	155.01	125.63	193.36	296.87	192.51	141.68	58.27	227.52	238.28	295.17	591.19	232.30	234.17	290.31	83.02
ENSMUSG00000045871	Slitrk6	1015.80	528.75	316.73	466.64	433.36	141.21	151.31	67.98	206.28	163.06	86.30	67.25	143.74	33.93	0.00	301.62	805.33
ENSMUSG00000089635	Gm16559	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000028777	Gsa3	2601.64	1730.27	1213.28	899.46	1419.79	192.44	377.22	46.79	272.71	613.36	60.33	43.29	39.41	216.64	0.00	308.21	1181.01
ENSMUSG00000097076	Ptar7	0.00	0.00	0.00	0.00	0.00	17.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.54	50.85	50.09
ENSMUSG00000075302	Erich2	19.62	0.00	77.51	13.81	18.41	21.67	46.18	0.72	0.00	53.46	0.00	23.18	13.05	152.29	87.66	53.97	157.88
ENSMUSG00000084902	Gm281	0.00	0.00	0.00	0.00	0.00	0.00	31.48	0.00	0.00	0.00	15.46	0.00	13.05	0.00	69.75	0.00	87.11
ENSMUSG00000099114	2610028H24(	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.96	0.00	0.00	0.00	29.98	8.71
ENSMUSG00000074199	Krtdap	538.27	310.59	437.47	312.02	249.21	1386.50	1367.49	1067.60	1729.51	1238.10	273.41	449.91	194.75	167.04	0.00	257.32	949.58
ENSMUSG00000066704	Cyp2b19	409.31	266.53	0.00	0.00	12.28	0.00	0.00	17.89	0.00	0.00	331.46	627.71	776.67	323.65	1103.35	573.07	1272.34
ENSMUSG00000040061	Ptcd2	5447.18	2634.10	3008.60	2224.14	3628.98	320.52	758.69	153.13	179.48	514.77	470.46	303.03	324.58	247.96	646.49	994.39	4232.12
ENSMUSG00000049133	Fgr2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	175.66	100.50	148.38	0.00	0.00	9.43	211.71
ENSMUSG00000052631	Shz06	735.45	430.96	414.36	468.71	480.01	103.12	74.59	16.46	195.79	94.80	177.95	245.05	102.01	242.74	206.88	254.49	3501.52
ENSMUSG00000033765	Calm4	118.68	106.40	32.05	0.00	0.00	37.44	0.00	0.00	0.00	0.00	184.82	122.14	83.46	83.52	1270.00	96.14	486.73
ENSMUSG00000081303	Gm16011	0.93	207.42	0.75	1.38	9.21	0.66	0.00	0.00	0.00	0.76	29.38	0.00	0.00	0.00	18.85	22.83	52.26
ENSMUSG00000063651	Cstb	114.94	0.00	0.00	24.85	0.00	36.12	14.92	7.16	0.00	0.00	81.72	222.64	484.55	130.50	113.50	150.81	496.07
ENSMUSG00000078137	Ankrd63	146.72	193.45	158.74	17.26	362.77	61.74	104.43	36.49	0.00	52.14	0.00	0.00	74.19	67.86	0.00	1.89	381.91
ENSMUSG00000094174	Igfv6-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000098509	Rgs21	1111.12	763.04	484.42	320.99	511.32	89.98	68.91	41.50	102.56	200.03	0.00	29.38	76.51	0.00	0.00	102.74	391.25
ENSMUSG00000004961	Syt5	159.89	45.14	32.05	85.66	117.24	0.00	46.18	25.76	0.00	0.00	54.22	0.00	136.78	0.00	0.00	145.29	219.95
ENSMUSG00000097466	D430036J16f	28.97	0.00	0.00	17.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.64	107.01	0.00	22.62	6.23	0.00
ENSMUSG00000091523	AU040972	0.00	0.00	0.00	0.00	0.00	0.00	5.72	0.00	0.00	36.66	39.43	4.64	0.00	0.00	0.00	59.15	23.95
ENSMUSG00000009070	Rsph14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.35	0.00	8.50	0.00	0.00	0.00	0.00	54.44	0.00
ENSMUSG00000043165	Lmp	95.32	189.15	45.46	81.46	55.24	0.00	0.00	57.24	258.73	137.46	190.65	734.39	1020.10	600.31	877.79	810.60	652.77
ENSMUSG00000092586	Ly6g6c	103.73	0.00	41.73	35.90	0.00	0.00	0.00	0.00	0.00	324.58	188.62	150.70	180.09	409.45	91.43	362.19	391.98
ENSMUSG00000081399	Gm14921	0.93	0.00	28.32	0.00	0.00	1.31	0.71	0.00	0.00	0.95	0.00	27.83	2.32	0.00	1.44	0.00	0.00
ENSMUSG00000043430	Psap1	245.77	56.96	15.65	44.18	8.59	23.64	88.80	49.37	0.00	0.00	114.56	173.16	37.09	125.28	428.12	201.71	901.84
ENSMUSG00000070877	Lsdaq1	53.27	0.00	0.00	0.00	0.00	17.08	0.00	0.00	0.00	0.00	83.25	37.11	18.55	36.54	0.00	195.11	45.66
ENSMUSG00000067541	A630073D07(	81.30	25.79	0.00	89.05	25.17	0.00	0.00	0.00	0.00	23.70	0.00	42.52	0.00	0.00	0.00	6.60	104.82
ENSMUSG00000029660	Tex26	0.00	127.89	0.00	0.00	0.00	0.00	35.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.28	0.00
ENSMUSG00000070306	Ccdc153	180.36	155.83	98.37	49.01	38.06	24.96	52.57	61.54	233.09	257.86	0.00	10.05	6.96	0.00	0.00	0.00	303.04
ENSMUSG00000033263	Lmo7	5090.21	2288.04	3127.17	2220.69	3307.31	399.99	888.69	392.84	861.26	270.18	305.40	328.54	264.30	289.72	0.00	899.20	4555.03
ENSMUSG00000071398	2410004P03(	157.93	0.00	0.00	0.00	39.29	13.14	0.00	47.94	0.00	9.48	3.82	49.47	18.55	15.66	202.57	20.74	79.91
ENSMUSG00000057454	Lypd3	347.63	228.91	53.66	15.19	23.33	12.48	32.68	42.93	103.72	18.01	354.37	147.65	111.28	0.00	89.07	358.17	867.60
ENSMUSG00000071858	Gm94	28.03	61.26	50.68	0.00	0.00	0.00	9.95	16.46	0.00	46.45	98.52	137.60	178.52	28.71	448.24	117.82	257.37
ENSMUSG00000049128	Ivl	27.10	0.00	0.00	0.00	0.00	0.00	32.92	0.00	0.00	0.00	299.38	328.54	301.39	75.69	485.59	186.63	208.60
ENSMUSG00000057754	Tas2r106	125.22	69.86	0.00	0.00	3.68	0.00	0.00	31.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.26
ENSMUSG00000028039	Efna3	51.40	102.10	0.00	2.07	19.03	30.87	0.00	16.46	0.00	0.00	0.00	71.12	153.02	10.44	587.59	0.94	142.18
ENSMUSG00000087022	9130204F11(	24.38	75.23	12.67	0.00	27.62	0.00	0.00	15.03	0.00	0.00	6.11	0.00	57.96	0.00	0.00	0.00	75.13
ENSMUSG00000085772	D630024D03(	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000042212	Spr2d	73.83	59.11	0.00	24.16	0.00	46.63	0.00	12.88	0.00	0.00	29.79	75.76	85.78	5.22	216.93	52.78	34.25
ENSMUSG00000020562	Efcab10	0.00	0.00	0.00	0.00	16.42	0.00	5.72	0.00	0.00	0.00	141.29	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000031377	Bmx	442.95	154.76	0.00	265.77	261.49	0.00	39.78	27.81	0.00	214.25	0.00	61.84	41.73	156.60	192.51	106.51	882.13
ENSMUSG00000038408	1700018A04(	0.00	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.87	0.00	0.00	0.00	36.76	0.00
ENSMUSG00000029155	Spata18	85.97	0.00	0.00	0.00	22.71	42.69	0.00	0.00	0.00	0.00	85.54	41.74	0.00	62.64	0.00	44.30	140.10
ENSMUSG00000079524	Gm15402	0.00	0.00	0.00	0.00	0.00	0.00	31.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.15
ENSMUSG00000070890	Fowl	43.92	23.64	17.14	39.35	77.96	0.00	31.97	85.87	36.13	0.00	19.09	61.84	176.20	292.33	0.00	27.33	136.99
ENSMUSG00000021596	Mctp1	1432.58	1410.01	1490.51	1168.68	1583.07	449.25	749.46	378.53	424.22	388.68	304.73	303.80	183.15	174.87	719.76	520.29	2033.04
ENSMUSG00000053182	Gm609	0.00	0.00	0.00	20.02	0.00	0.00	0.00	0.00	0.00	0.00	74.85	12.37	0.00	15.66	0.00	121.59	123.50
ENSMUSG00000010304	Plet1os	0.00	0.00	0.00	0.00	77.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.61	0.00	0.00	30.49
ENSMUSG00000044322	Dsc1	52.33	0.00	0.00	69.72	0.00	0.00	0.00	24.33	0.00	0.00	331.46	211.81	18.55	78.30	0.00	65.04	476.35
ENSMUSG00000033731	3300002A11(	0.00	0.00	0.00	0.00	0.00	12.08	62.25	0.00	0.00	0.00	0.00	4.64	41.76	0.00	0.00	0.00	0.00
ENSMUSG00000019761	Krt10	422.39	796.36	338.35	129.78	187.83	146.47	259.29	201.79	107.22	257.86	536.14	589.83	623.65	783.02	1123.46	815.31	1739.34
ENSMUSG00000029182	1700001C02(	0.00	0.00	0.00	0.00	0.00	17.73	0.00	0.00	0.00	0.00	0.00	13.91	0.00	0.00	0.00	37.36	0.00
ENSMUSG00000049154	Fam183b	17.76	110.69	0.00	0.00	0.00	65.36	18.60	59.44	83.07	0.00	67.25	11.59	5.22	0.00	0.00	143.27	223.13
ENSMUSG00000026985	Il1f8	58.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.88	0.00	27.06	0.00	0.00	0.00	31.10	41.51	0.00
ENSMUSG00000025432	Avil	2592.30	2138.66	1672.36	1602.18	1923.13	342.19	300.49	123.07	145.68	674.03	591.89	583.65	581.92	438.49	1672.26	1090.53	4579.79
ENSMUSG00000080715	Gm5406	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.15	47.74	0.00
ENSMUSG00000056062	Dmkn	1244.75	334.23	297.34	348.66	23.94	199.67	433.34	344.90	558.24	696.79	1027.22	1297.93	1214.85	780.41	1702.43	1982.52	3491.14
ENSMUSG00000034362	Csta1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	193.46	0.00	0.00	0.00	0.00	83.52	0.00	49.96	65.38	28.31
ENSMUSG00000034107	Ano7	1469.96	923.17	372.63	316.16	513.78	25.62	102.30	48.66	57.11	0.00	421.58	512.53	472.96	140.94	0.00	365.71	1689.53
ENSMUSG00000010492	Uckl1os	29.90	82.75	26.08	34.51	132.59	92.61	40.49	59.39	0.00	67.31	51.93	29.38	0.00	46.98	0.00	0.00	196.14
ENSMUSG00000037157	Ipi22a1	67.28	0.00	0.00	0.00	30.87	0.00	50.09	0.00	0.00	0.00	130.60	0.00	4.64	62.64	0.00	24.51	107.93
ENSMUSG00000068692	Gm11940	31.77	99.95	11.92	36.59	4.91	28.24	0.00	26.48	0.00	0.00	0.00	44.84	11.59	0.00	0.00	0.00	42.55
ENSMUSG00000036551	Akap14	0.00	0.00	0.00	0.00	0.00	0.00	7.87	0.00	0.00	0.00	0.00	44.05	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000090027	Gm15740	32.71	94.57	0.75	39.35	0.00	22.99	0.00	9.30	0.00	0.00	0.00	0.00	13.91	0.00	0.00	41.47	103.78
ENSMUSG00000031022	BC061519	3.74	0.00	0.00	34.51	0.00	47.28	146.34	0.00	0.00	27.49	46.44	0.00	41.73	70.47	0.00	4.71	45.66
ENSMUSG00000071149	Tas2r115	114.94	2.15	38.75	4.14	63.84	0.00	0.00	0.00	0.00	0.00	45.06	14.69	0.00	0.00	0.00	0.00	68.60
ENSMUSG00000040770	Il25	94.38	0.00	25.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.91	0.00	0.00	71.61	37.02
ENSMUSG00000090509	Sfta2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	178.14	25.45
ENSMUSG00000097426	Gm8941	85.97	0.00	0.75	20.71	34.99	34.81	0.71	4.29	0.00	0.00	55.75	44.06	39.41	26.10	0.00	0.94	1.04
ENSMUSG00000025739	Gng13	10.28	282.65	81.98	58.68	47.88	0.00	59.67	19.32	0.00	0.00	102.34	17.01	27.82	20.88	0.00	145.15	111.04
ENSMUSG00000023041	Krt6b	44.86	1.07	0.75	2.76	1.23	3.28	2.13	1.43	3.50	3.79	51.17	71.12	25.50	49.59	1.44	3.77	239.73
ENSMUSG00000063130	Calml3	369.13	118.22	147.56	235.39	271.31	787.50	656.40	691.94	1255.17	1261.80	457.47	458.41	194.75	261.01	337.61	516.52	1334.60
ENSMUSG00000052273	Dsph3	12.15	0.00	17.14	9.66	0.00	151.06	49.02	21.47	0.00	0.00	93.17	107.59	76.51	91.35	0.00	36.82	333.13
ENSMUSG00000025701	Alox5	654.15	420.21	751.22	721.36	815.17	413.78	558.36	323.43	230.76	886.39	129.07	136.06	347.76	172.26	619.20	545.74	1483.01
ENSMUSG00000074207	Adh1	90.65	0.00	0.00	0.00	20.87	27.59	0.00	0.00	0.00	0.00	86.30	142.24	220.25	151.38	1007.09	304.44	781.46
ENSMUSG00000084890	A830036E02(	44.86	103.17	47.70	0.00	0.00	0.66	0.00	0.00	0.00	0.00	132.13	85.81	171.56	140.94	412.32	400.58	295.77
ENSMUSG00000029477	Mon1	48.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.03	0.00	0.00	15.66	0.00	22.62	0.00
ENSMUSG00000057068	Fam47e	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.98	0.00	28.28	0.00
ENSMUSG00000102308	2310046K23(	32.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	109.98	112.09	67.23	99.18	218.37	152.69	102.74
ENSMUSG00000020573	Pik3cg	526.12	87.05	320.46	147.03	284.82	74.22	130.71	56.53	61.77	80.58	38.95	34.79	176.20	321.04	0.00	144.21	898.73
ENSMUSG00000061640	Rpkp5-pc1	0.93	0.00	0.75	7.59	0.00	0.66	0.00	29.34	0.00	0.00	47.35	119.05	39.41	15.66	0.00	0.00	2.08
ENSMUSG00000100280	Gm28417	56.07	0.00	72.29	55.91	33.15	0.00	0.00	59.39	0.00	0.00	62.63	84.26	0.00	99.18	21.55	16.97	122.46
ENSMUSG00000064246	Chil1	1285.87	264.38	365.92	610.22	322.87	313.95	348.09	249.01	962.65	457.89	824.83	544.22	472.96	618.58	1574.57	840.76	2580.99
ENSMUSG00000049848	Ceacam19	106.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	327.84	144.56	41.73	44.37	0.00	133.84	220.01
ENSMUSG00000073560	Ccnd3	19.62	15.05	44.72	133.23	44.20	41.38	0.00	17.17	0.00	0.00	217.66	0.00	81.14	31.32	178.14	87.66	565.60
ENSMUSG00000022123	Scel	0.00	0.00	0.00	0.00	22.33	0.00	0.00	0.00	0.00	0.00	324.58	59.52	162.29	135.72	0.00	155.52	371.53
ENSMUSG00000054052	Rdh19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	94.31	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000096146	Kcnj11	211.20	0.00	0.00	29.68	30.08	42.69	0.00	15.03	37.29	72.05	69.50	140.69	108.97	2.61	0.00	349.69	442.10
ENSMUSG00000022829	Sbdxp5l	15.89	0.00	0.00	7.59	0.00	0.66	0.00	29.34	0.00	0.00	71.79	47.93	136.79	203.58	153.72	0.00	169.16
ENSMUSG00000020014	Cfap54	107.47	99.95	35.03	0.00	0.00	28.24	0.00	13.60	0.00	0.00	155.80	54.89	143.74	193.14	626.38	53.73	133.88
ENSMUSG00000027886	1700013F07(	0.00	192.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.73	6.96	0.00	0.00	104.82	58.80
ENSMUSG00000033730	Egr3	213.07	48.36	70.05	290.62	0.00	57.80	171.20	139.53	698.10	319.48	116.85	0.00	90.42	0.00	0.00	85.77	229.35
ENSMUSG00000023918	Adgrf4	141.11	0.00	0.00	49.70	34.99	65.02	0.00	5.72	0.00	0.00	45.06	62.62	164.61

ENSMUSG00000033740	St18	231.76	0.00	23.85	128.40	217.30	26.93	0.00	0.00	101.39	137.46	90.88	112.86	44.05	305.38	0.00	0.00	307.27	203.41	228.66	572.08	564.01	122.19	389.27	16.53	265.14	24.61
ENSMUSG00000020901	Pik3r5	1982.07	1119.84	912.19	910.50	1678.82	567.47	525.69	203.93	270.38	357.40	1027.98	808.60	623.65	762.14	1014.28	1451.53	3304.34	3462.50	2477.40	3505.73	1040.92	696.45	851.08	1435.57	1478.89
ENSMUSG00000034151	Zbtx	30.84	0.00	0.00	0.00	0.00	39.41	0.00	0.72	0.00	0.00	0.00	146.10	41.73	20.88	0.00	56.55	74.72	72.95	26.50	56.15	25.20	0.00	0.00	26.51	0.00	
ENSMUSG00000075015	Gm10801	0.00	0.00	0.00	19.33	0.61	45.32	0.71	0.00	0.00	15.27	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00	108.39	0.00	0.00	0.00	0.00	5.22	0.00	0.00
ENSMUSG00000062342	Serpinb9e	28.03	0.00	0.00	0.00	49.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.30	28.02	0.00	0.00	75.71	0.00	6.77	90.50	0.00	0.00	99.56
ENSMUSG00000003283	Hck	167.28	0.00	214.63	219.52	205.63	0.00	2.84	22.90	22.14	120.40	418.52	332.41	333.85	112.23	428.12	712.57	1178.93	1084.48	554.01	1643.55	369.63	475.58	63.53	472.21	451.95	
ENSMUSG00000078632	Lrrc37a	19.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.50	0.00	0.00	0.00	0.00	0.00	0.00	37.43	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000100094	1810008I18R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	149.34	0.00	0.00	41.47	0.00	0.00	0.00	0.00
ENSMUSG00000039552	Rsph4a	57.00	0.00	75.27	0.00	0.00	27.59	113.66	19.32	0.00	135.57	83.25	53.34	25.50	143.55	313.19	128.19	68.49	72.95	221.61	136.96	75.61	0.00	0.00	267.67	248.35	
ENSMUSG00000054046	Klk13	148.59	0.00	60.37	37.28	0.00	0.00	34.35	0.00	0.00	387.97	375.70	463.68	582.04	1469.69	515.58	483.61	386.54	479.34	680.56	626.23	539.05	595.23	648.97	511.23		
ENSMUSG00000031883	Car7	498.09	403.01	170.66	92.50	122.15	38.09	0.00	27.19	0.00	112.27	134.51	178.52	203.58	0.00	151.75	501.25	528.09	227.63	652.49	0.00	146.40	67.88	200.75	24.61		
ENSMUSG00000090119	Gm6185	0.93	0.15	1.49	14.50	0.00	0.71	2.15	0.00	0.00	2.29	3.09	0.00	5.22	0.44	31.10	24.91	51.18	2.41	21.27	1.53	0.85	0.87	2.53	0.00		
ENSMUSG00000000093	Tbx2	147.65	250.41	0.00	26.92	28.85	181.28	0.00	70.84	46.62	80.58	22.91	112.86	37.09	135.72	155.16	69.75	90.29	200.35	132.48	275.63	254.31	80.39	163.60	292.92	61.53	
ENSMUSG00000021708	Rasgrf2	75.69	0.00	114.02	34.51	120.92	0.00	0.00	0.00	0.00	0.00	14.69	18.55	49.59	0.00	65.04	266.71	214.50	13.25	361.55	20.62	79.55	54.82	227.27	21.25		
ENSMUSG00000028794	A3galt2	179.42	0.00	225.81	147.72	30.08	0.00	0.00	57.96	0.00	0.00	29.02	34.79	97.37	26.10	0.00	29.22	338.32	374.56	0.00	83.37	129.07	0.00	0.00	13.89	151.02	
ENSMUSG00000044156	Ptpn22	615.83	325.64	127.19	117.22	839.10	55.17	468.86	115.92	291.36	29.39	210.79	321.58	382.54	169.65	725.51	382.18	1373.00	778.86	956.28	1172.26	883.60	1286.28	670.07	1112.70	1040.37	
ENSMUSG00000046242	Nme9	111.21	127.89	0.00	0.00	20.26	0.00	0.00	0.00	0.00	0.00	37.11	4.64	49.59	0.00	0.00	0.00	78.87	101.26	46.97	96.98	237.51	78.70	151.42	170.45	213.67	
ENSMUSG00000015702	Anxa9	230.82	1.07	134.89	95.26	122.15	0.00	332.46	121.64	194.63	182.97	98.52	136.83	259.66	224.47	0.00	352.51	294.73	212.32	199.93	421.95	156.56	195.48	176.66	550.49	279.67	
ENSMUSG00000022754	Tmem45a	197.18	0.00	0.00	0.69	0.00	0.00	69.62	15.03	0.00	0.00	324.58	397.34	459.05	472.42	508.57	161.18	223.13	451.87	607.01	1199.48	1635.85	1429.29	1418.46	1106.03	797.62	
ENSMUSG00000073043	Abat8	37.38	0.00	0.00	0.00	0.00	0.00	21.47	0.00	0.00	0.00	0.00	0.00	5.22	0.00	0.44	31.10	24.91	51.18	2.41	21.27	1.53	0.85	0.87	2.53	0.00	12.31
ENSMUSG00000004933	Matk	1430.72	1066.11	778.05	780.04	761.76	97.21	183.99	117.35	0.00	372.57	159.62	287.57	187.79	83.52	149.41	431.69	849.95	920.07	796.09	1171.41	404.76	497.59	212.33	406.56	303.16	
ENSMUSG00000074625	Arhgap40	17.76	0.00	0.00	0.00	0.00	109.40	40.79	0.00	13.27	60.33	36.33	71.87	36.54	258.60	82.00	140.10	0.00	156.57	200.76	135.17	120.17	0.00	143.94	145.43		
ENSMUSG00000041842	Phdc1	281.28	175.18	301.83	122.87	87.78	198.35	237.98	299.82	79.25	527.09	58.04	187.85	185.47	146.16	453.98	183.80	365.30	499.78	246.90	504.46	316.17	72.78	197.54	319.44	251.70	
ENSMUSG00000031379	Pir	0.00	78.45	461.31	156.01	419.86	70.93	110.11	33.63	13.99	0.00	182.53	199.49	64.92	73.08	0.00	375.14	481.54	501.95	464.89	450.02	288.68	44.00	114.87	515.14	406.07	
ENSMUSG00000090113	Nhlrc4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.50	0.00	0.00	65.04	0.00	0.00	0.00	4.25	19.09	0.00	0.00	0.00	35.35	0.00
ENSMUSG00000032454	Rbp2	0.00	0.00	0.00	41.42	0.00	21.67	0.00	0.00	0.00	0.00	0.00	0.00	4.64	7.83	0.00	16.97	0.00	120.86	0.00	0.00	70.26	0.00	26.11	59.34	0.00	
ENSMUSG00000026831	1700007K13I	0.00	0.00	0.00	82.84	72.43	20.36	62.51	110.91	75.75	0.00	9.93	0.00	0.00	267.22	9.43	142.18	125.22	85.51	123.35	18.33	132.86	105.30	41.67	85.02		
ENSMUSG00000066187	Ttc12860	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.70	0.00	0.00	0.00	126.46	0.00	0.00	0.00	0.00	0.00	55.55	59.29	
ENSMUSG00000004633	Chn2	170.08	239.66	214.63	98.02	371.37	0.00	81.69	28.62	178.31	43.61	95.47	149.20	185.47	20.88	140.79	212.07	315.49	279.83	204.74	514.67	175.65	46.54	104.43	135.10	92.85	
ENSMUSG00000086946	Gm15527	45.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.88	0.00	
ENSMUSG00000072214	Sap-05	115.88	40.84	64.84	207.09	321.65	329.77	137.81	332.73	0.00	82.48	350.55	761.44	486.04	415.09	89.07	76.35	159.82	160.06	73.47	166.74	765.23	704.07	507.34	114.90	62.65	
ENSMUSG00000051079	Rgs13	81.30	42.99	392.01	154.63	227.12	32.84	172.62	14.31	53.61	182.97	85.54	37.11	0.00	5.22	0.00	30.16	917.41	489.98	918.94	844.74	226.82	286.03	103.56	287.87	456.42	
ENSMUSG00000038665	Dgki	321.47	85.98	57.38	97.33	171.26	0.00	14.21	13.60	0.00	8.53	215.37	90.45	159.97	357.58	0.00	330.84	674.57	41.38	277.01	376.01	361.23	121.01	54.82	122.47	170.04	
ENSMUSG00000096736	Gm17535	20.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000087691	Gm15674	0.00	0.00	0.00	0.00	34.37	0.00	0.00	0.00	0.00	0.00	0.00	37.11	2.32	0.00	0.00	0.00	29.06	40.29	22.88	0.00	101.57	92.24	0.00	0.00	0.00	
ENSMUSG00000054161	Fam83e	138.31	0.00	121.48	128.40	82.25	151.72	12.08	82.29	99.06	73.94	81.72	0.00	18.55	23.49	0.00	112.16	199.26	100.17	279.42	339.43	612.49	469.66	56.56	580.79	699.17	
ENSMUSG00000048478	Spata33	56.07	654.49	32.05	0.00	0.00	0.00	0.00	28.62	3.50	0.00	0.00	27.83	13.91	13.05	0.00	0.00	144.25	65.33	0.00	159.08	0.00	0.00	50.47	63.13	0.00	
ENSMUSG00000063409	Lrrc43	21.49	0.00	0.00	35.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.44	0.00	23.56	60.19	65.33	9.64	84.22	0.00	0.00	0.00	0.00	40.40	2.24	
ENSMUSG00000056553	Pipox2	308.38	80.60	251.50	322.37	155.30	166.17	92.35	35.78	222.60	50.24	504.82	727.43	354.72	446.32	343.36	466.56	814.67	648.95	673.25	988.51	381.09	510.28	313.28	614.88	977.72	
ENSMUSG00000021879	Dnah12	52.33	0.00	0.00	0.00	0.00	23.44	107.33	0.00	0.00	184.82	71.89	62.60	310.60	0.00	55.61	345.59	271.12	1.20	216.08	318.46	154.86	262.81	236.11	0.00		
ENSMUSG00000067889	Sptbn2	2282.98	931.77	1087.33	748.97	1047.19	215.43	274.92	151.70	219.10	523.30	673.61	1007.27	408.04	827.39	423.81	1436.45	2310.13	2357.33	1127.30	2381.96	1477.76	1205.04	1119.98	1536.58	806.57	
ENSMUSG00000079323	Gm20661	23.36	0.00	0.00	0.00	34.99	0.00	0.00	0.00	0.00	0.00	35.90	47.16	44.05	10.44	193.95	74.46	96.51	141.55	205.95	0.00	118.37	0.00	69.62	0.00	94.95	
ENSMUSG00000037185	Krt86	182.23	288.02	0.00	91.81	5.52	66.34	73.17	31.48	192.30	45.50	607.16	398.12	273.57	300.16	228.43	892.60	1123.93	1276.29	840.66	1851.97	1316.62	1121.81	931.14	1474.77	1463.23	
ENSMUSG00000034116	Vav1	777.50	780.24	789.23	385.19	495.36	294.25	179.02	181.03	342.64	180.12	205.44	106.68	252.71	75.69	415.19	411.90	1124.97	993.02	675.66	1568.69	881.31	741.30	344.61	1352.24	833.41	
ENSMUSG00000068259	Olfr461	185.03	0.00	29.07	0.00	0.00	0.00	0.00	13.60	0.00	0.00	116.09	0.00	0.00	0.00	66.09	94.26	341.43	554.22	287.85	703.53	74.84	0.00	0.00	133.83	171.16	
ENSMUSG00000056023	Gm9989	20.56	123.59	0.00	0.00	24.55	0.00	0.00	0.00	0.00	0.00	9.28	0.00	0.00	0.00	0.00	163.97	21.78	90.33	15.31	0.00	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000095547	Gm10719	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000032204	Aqp9	86.91	0.00	0.00	0.00	0.00	22.73	0.00	0.00	0.00	0.00	0.00	184.76	39.41	203.58	339.05	121.59	221.05	172.04	221.61	262.87	316.17	161.63	413.36	202.02	190.17	
ENSMUSG00000071550	Cfap44	59.81	0.00	74.53	68.34	180.47	70.28	66.78	52.95	0.00	101.44	125.25	42.52	51.01	276.67	385.02	123.47	385.02	258.05	124.05	351.34	532.30	161.63	294.14	755.03	381.47	
ENSMUSG00000048764	Tmprss11f	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.71	12.37	0.00	146.16	0.00	61.27	130.76	13.07	0.00	21.27	103.86	42.31	0.00	0.00	0.00	
ENSMUSG00000029442	Wdr66	46.72	1.07	0.00	0.00	9.82	0.00	55.41	17.89	28.54	56.88	29.79	107.45	187.79	5.22	428.12	252.60	244.92	216.68	248.10	353.04	252.78	0.00	337.65	150.25	114.10	
ENSMUSG00000020904	Cfap52	65.41	0.00	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	45.61	13.91	54.81	0.00	0.00	279.17	117.59	292.66	139.51	190.93	0.00	503.86	306.81	102.92		
ENSMUSG00000042707	Dnal1	12.15	0.00	0.00	0.00	17.19	19.70	28.42	69.41	0.00	176.33	67.97	0.00	23.18	15.66	63.21	0.00	451.44	95.82	73.47	312.21	97.75	138.78	197.54	344.69	162.21	
ENSMUSG00000036395	Olfr102	183.16	53.74	95.39	0.00	69.98	107.06	70.33	0.00	0.00	151.68	168.02	37.11	25.50	20.88	0.00	43.36	357.00	142.64	48.18	142.92	116.08	0.00	49.60	294.18	36.92	
ENSMUSG00000029322	Abat8	976.55	846.87	976.29	766.23	699.15	317.88	404.21	372.80	480.16	171.58	747.69	264.86	366.31	234.91	218.37	960.46	1429.04	1615.83	1427.19	1840.91	1327.31	882.62	1063.41	1378.75	1009.05	
ENSMUSG00000042269	Fam92b	0.00	0.00	0.00	0.00	0.00	0.00	10.73	0.00	0.00	0.00	33.60	0.00	69.55	0.00	0.00	20.74	53.97	113.24	73.47	48.49	21.38	0.00	48.73	78.28	29.09	
ENSMUSG00000028589	1700012P22I	20.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.28	0.00	0.00	0.00	0.00	94.26	8.30	16.33	101.17	47.64	32.84	0.00	28.72	0.00	14.54	
ENSMUSG00000031558	Slit2	1058.79	880.18	295.87	272.67	356.63	95.24	227.32	110.19	52.44	42.66	522.39	152.29	391.81	636.86	290.20	312.93	597.77	690.32	1024.92	507.02	221.47	102.39	143.59	333.32	396.01	
ENSMUSG00000057899	Adgrf2	55.14	0.00	0.00	0.00	42.97	0.00	0.00	0.00	0.00	0.00	109.98	9.28	9.27	0.00	0.00	48.07	232.47	0.00	139.71	82.52	17.57	58.39	55.69	45.45	147.67	
ENSMUSG00000025900	Rp1	22.43	0.00	0.00	0.00	0.00	0.00	0.00	20.04	62.93	145.05	132.13	76.53	99.69	2.61	0.00	88.60	112.08	67.51	239.67	243.30	0.00	41.47	0.00	70.71	8.95	
ENSMUSG00000021919	Chat	226.15	0.00	234.76	91.12	51.56	0.00	0.00	27.97	70.15	101.58	86.58	46.37	125.28	1.44	254.49	452.48	371.29	529.93	667.80	119.14	0.00	1.74	151.51	49.22		
ENSMUSG00000031253	Srpx2	0.00	138.64	0.00	75.24	84.09	32.18	0.00	0.00	0.00	178.23	73.32	16.23	39.41	13.05	0.00	144.21	277.09	69.69	49.23	142.07	53.46	0.00	0.00	137.62	40.27	
ENSMUSG00000047250	Plxna1	299.97	0.00	232.22	200.88	249.21	197.04	103.72	87.30	0.00	249.33	373.46	635.44	526.28	404.56	159.47	150.81	801.14	1614.75	722.63	950.23	229.11	564.44	379.42	406.56	314.35	
ENSMUSG00000034607	Pof1b	323.34	448.15	113.28	251.27	75.50	74.88	61.09	26.48	0.00	322.32	549.12	346.32	665.38	190.53	0.00	283.71	930.90	816.63	861.13	751.17	1370.84	991.79	1210.48	1531.53	1361.43	
ENSMUSG00000090314	2310050C09I	0.00	0.00	0.00	0.00	0.00	101.15	28.42	50.09	37.29	0.00	76.37	40.97	39.41	26.10	153.72	59.38	57.08	74.04	67.45	111.44	103.10	123.55	0.00	27.78	0.00	
ENSMUSG00000085081	Rspo1	0.00	11.82	0.00	0.00	0.00	0.00	31.26	25.76	0.00	60.67	0.00	12.37	0.00	0.00	0.00	0.00	34.91	35.93	144.53	67.21	79.42	0.00	0.00	164.47	60.60	0.00
ENSMUSG00000055561	Spink5	942.91	187.00	0.00	99.40	13.50	147.12	80.98	176.74	318.16	219.94	541.48	374.92	579.60	394.12	451.11	556.11	2465.80	1746.50	1774.05	3586.54	8296.08	7412.18	5694.73	7023.81	5678.40	
ENSMUSG00000073413	Ly6g6d	46.72	0.00	56.64	53.84	0.00	32.18	0.00	17.89	1.17	0.00	0.00	37.11	6.96	31.32	0.00	152.69	56.04	70.77	1.20	167.59	0.00	0.00	0.00	108.58	153.26	
ENSMUSG00000039539	Sgcz	42.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.83	0.00	73.08	2.87	73.52	0.00	0.00	0.00	59.55	0.00	0.00	0.00	0.00	0.00	
ENSMUSG00000034818	Sdsl	0.00	209.57	170.66	34.51	112.33	155.00	144.92	131.30	0.00	90.06	239.81	195.58	106.65	125.28	232.74	195.11	275.02	161.15	274.60	397.28	996.63	616.91	688.35	842.66	262.89	
ENSMUSG00000029930	Ccdc103	42.99	0.00	0.00	0.00	0.00	0.00	0.00	13.60	0.00	0.00	0.00	21.65	0.00	0.00	0.00	33.93	44.63	0.00	0.00	66.35	36.66	0.00	99.21	71.97	0.00	
ENSMUSG00000033015	Pou2f3	1983.94	2558.87	2071.81	1384.74	1537.64	1042.34	895.80	996.05	1241.19	938.53	229.88	585.96	920.41	206.19	887.85	622.08	1514.14	1509.13	1435.62	1799.23	1357.86	1490.22	1099.09	1462.08	1522.52	
ENSMUSG00000094559	Cyp2d34	54.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.46	0.00	0.00	0.00	0.00	0.00	0.00	107.19	7.66	0.00	0.00	57.43	220.95	32.44	
ENSMUSG00000054254	Ebna1	428.00	697.48	246.66	376.90	580.68	380.94	385.03	651.69	846.11	541.31	135.94	250.46	57.96	7.83	540.77	185.68	444.18	628.26	486.57	861.76	410.87	264.03	582.18	289.13	747.28	
ENSMUSG00000028716	Pdzk1ip1	157.93	106.40	10.43	18.64	0.00	39.41	0.00	58.68	0.00	0.00	0.00	228.35	88.90	164.61	41.76	291.64	287.48	406.82	482.35	174.63	689.92	819.45	936.78	1142.60	838.36	981.08
ENSMUSG00000104351	Gm37125	0.00	0.00	0.00	0.69	0.00	0.00	0.00	5.01	0.00	0.00	0.00	33.24	11.59	28.71	0.00	0.00	32.17	0.00	0.00	33.18	0.00	0.00	46.12	15.15	0.00	
ENSMUSG00000074805	Ifi1bos	0.00	29.02	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.52	74.19	0.00	247.10	0.00	28.02	91.46	0.00	13.61	0.00	70.24	0.00	0.00	0.00	
ENSMUSG00000102785	Gm2447	42.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.89	0.00	0.00	0.00	0.00	172.30	0.00	0.00	
ENSMUSG00000028950	Tas1r1	60.74	0.00	0.00	85.60	76.73	19.05	39.07	0.00	0.00	38.87	165.73	42.52	67.23	109.62	0.00	56.55	115.20	101.26	68.65	163.33	92.41	43.16	0.00	147.72	66.00	
ENSMUSG00000031391	L1cam	695.27	687.81	394.24	258.17	502.11	44.01	125.03	111.63	93.23	655.07	853.85	804.73	1094.29	1012.70	235.61	1006.65	1567.07	1186.83	855.11	1357.71	1425.83	395.19	627.43	742.41	557.10	
ENSMUSG00000052861	Dnah6	99.99	207.42	144.58	0.00	77.96	160.26	130.00	124.51	0.00	72.05	679.72	354.83	185.47	281.89	333.30	456.20	1239.13	540.06	597.37	725.65	676.64	398.58	394.21	292.92	484.39	
ENSMUSG00000028730	Cfap57	36.45	0.00	0.00	0.00	0.00	28.90	0.00	0.00	0.00	96.70	32.84	39.43	20.87	13.05	0.00	22.62	113.12	177.48	270.98	75.71	180.23	130.32	236.70	25.28	88.49	
ENSMUSG00000037683	Armc3	14.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.11	0.00	9.27	0.00	0.00	16.02	148.40	0.00	0.00	182.05	58.80	0.00	33.07	36.62	52.58	
ENSMUSG00000017734	Dbndd2	31.77	136.49	36.52	16.57	69.98	46.63	0.00	47.94	0.00	80.58	97.76	60.30	16.23	28.71	0.00	55.61	97.55	21.78	0.00	82.52	101.57	235.25	22.63	195.70	14.54	
ENSMUSG00000084280	Ccdc146	131.76	206.34	0.00	0.00	0.00	43.33	40.07	313.50	74.89	124.49	146.88	9.27	125.28	191.07	213.96	346.62	53.35	192.70	146.32	167.25	170.09	383.77	313.12	121.94		
ENSMUSG00000099002	Gm16006	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.07	232.47	0.00	139.71	0.00	6.11	0.00	38.29	0.00	13.42	
ENSMUSG00000025068	Gsto1	295.30	154.76	102.85	216.75	65.68	424.95	390.71	560.99	95.57	179.17	260.43	268.24	208.66	597.70	834.69	405.30	472.20	402.87	340.84	541.04	3143.39	2375.38	1219.18	1703.24	1869.31	
ENSMUSG00000086049	Gm12735	0.00	114.99	0.00	25.54	0.00	0.00	0.00	0.72	0.00	0.00	38.19	10.82	0.00	28.71	0.00	0.00	39.44	50.09	0.00	0.00	0.00	0.00	0.00	45.45	0.00	
ENSMUSG00000102420	Gm37464	23.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.25	34.84	0.00	0.00	0.00	47.35	107.47	0.00	8.84	0.00
ENSMUSG00000064177	Ghrl	44.86	139.71	0.00	78.00	0.00	0.00	79.56	37.21	0.00	0.00	35.90	13.14	16.23	46.98	150.85	33.93	69.25	18.51	198.72	59.55	110.74	77.85	153.16	85.86	31.32	
ENSMUSG00000032311	Ntg4	114.01	203.12	22.36	73.86	87.78	70.93	76.72	60.82	0.00	0.00	380.34	164.66	157.65	208.80	479.84	82.00	395.40	295.07	0.00	332.62	132.12	86.32	309.80	55.55	100.68	
ENSMUSG00000079357	Gm11100	7.48	0.00	0.00

ENSMUSG00000067616	Klk11	43.92	0.00	0.00	37.28	0.00	65.68	80.27	5.72	0.00	0.00	95.47	54.89	51.01	133.11	0.00	0.00	0.00	34.25	83.84	181.86	155.68	114.56	200.56	15.66	45.45	116.34
ENSMUSG00000075437	Gm11681	3.74	0.00	0.00	33.13	0.00	0.00	0.00	12.88	0.00	68.26	36.66	23.19	111.28	0.00	0.00	114.99	78.87	51.18	144.53	44.24	50.40	49.93	0.00	27.78	110.75
ENSMUSG00000006784	Ttc25	148.59	451.38	68.56	39.35	16.57	0.00	50.44	37.21	0.00	180.12	95.47	306.12	139.10	216.64	357.73	223.39	289.54	454.05	486.57	660.99	129.83	207.33	90.50	251.26	223.74
ENSMUSG00000039910	Cfap2	1141.96	916.72	1172.29	1155.56	875.32	1309.00	684.10	1026.16	1178.26	833.30	550.65	531.08	470.64	1036.19	541.62	798.34	1508.95	1386.09	1454.89	2323.26	1906.96	1444.53	1178.28	1434.31	1745.13
ENSMUSG00000086368	Gm13830	0.00	0.00	52.17	0.00	0.00	31.53	0.00	29.34	0.00	168.75	63.39	0.00	2.32	0.00	0.00	0.00	64.34	28.31	0.00	45.94	0.00	0.00	23.50	42.93	0.00
ENSMUSG00000050530	Fam171a1	917.68	933.92	590.99	793.84	656.18	771.08	963.28	727.72	624.67	766.94	769.07	422.08	493.82	694.28	0.00	889.77	558.33	676.17	611.82	1290.51	696.49	741.30	548.24	1027.75	543.68
ENSMUSG00000034467	Dynlrb2	65.41	90.28	0.00	0.00	0.00	0.00	0.00	8.59	0.00	0.00	89.36	16.23	74.19	31.32	25.86	30.16	581.16	353.87	342.04	473.84	64.15	99.01	85.28	243.68	60.41
ENSMUSG00000055045	Gm11190	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.96	99.69	274.06	524.38	0.00	23.87	59.89	0.00	70.61	31.31	0.00	0.00	27.78	0.00
ENSMUSG00000071202	Ccdc78	184.10	62.33	48.44	45.56	98.21	26.27	0.00	106.62	0.00	91.96	67.21	34.01	55.64	2.61	0.00	170.60	447.29	192.72	295.07	359.85	215.36	254.72	80.06	114.90	81.66
ENSMUSG00000055296	Tmem245	4481.85	5124.19	2377.37	3367.97	3071.60	1808.17	2428.81	2328.41	4049.89	2146.29	2782.26	2573.45	2601.26	2315.13	830.38	3115.14	4658.66	3751.04	3021.78	3980.42	3690.96	2155.36	1484.60	2848.41	2807.88
ENSMUSG00000054986	Sec14l3	58.87	0.00	0.00	27.61	0.00	0.00	28.42	37.21	71.09	5.69	282.58	183.21	83.46	206.19	86.20	311.04	324.83	258.05	356.50	465.33	157.32	291.95	444.68	145.20	338.96
ENSMUSG00000048520	Rspl13	71.96	0.00	0.00	0.00	0.00	0.00	0.00	22.90	0.00	10.69	22.42	23.18	46.98	0.00	0.00	32.05	48.78	78.40	61.42	86.77	25.20	0.00	100.08	54.29	39.15
ENSMUSG00000079227	Ccr5	64.48	0.00	45.46	0.00	0.00	79.56	17.17	203.95	0.95	193.22	127.55	115.92	247.96	568.91	73.52	170.20	132.84	137.30	450.87	411.63	472.20	208.85	666.65	487.74
ENSMUSG00000066108	Muc5b	417.72	2.15	46.21	132.54	52.79	1517.20	1758.21	4304.76	1182.92	3045.01	348.26	225.73	104.33	396.73	165.21	352.51	800.14	166.59	614.23	603.15	3967.42	1971.73	1212.22	3013.81	1786.53
ENSMUSG00000017978	Cadps2	2007.30	1034.94	3148.71	1766.48	2171.11	1392.41	1469.79	1217.87	2168.88	1418.22	1693.95	1634.21	1704.03	822.17	1577.44	1504.31	2310.13	2555.50	2208.83	2540.19	1483.11	1673.86	1181.76	1876.21	2181.42
ENSMUSG00000033708	Dnajb13	54.20	185.92	0.00	11.04	0.00	20.36	0.00	32.20	2.33	5.00	71.79	13.34	6.96	10.44	188.53	0.00	188.88	107.79	69.85	219.48	100.04	88.85	108.78	92.17	18.02
ENSMUSG00000006154	Eps8l1	364.45	162.28	77.51	262.31	213.61	456.47	279.89	452.23	592.04	556.48	292.51	39.43	308.35	20.88	0.00	136.67	233.50	396.34	107.19	220.33	567.43	748.92	619.60	523.98	157.73
ENSMUSG00000044948	Cfap43	67.28	188.07	400.95	276.81	273.15	662.05	348.80	349.19	340.31	172.54	656.81	165.43	542.51	328.87	0.00	94.26	402.66	160.06	185.47	270.52	1364.73	553.44	730.99	262.62	159.97
ENSMUSG00000030510	Ceis3	0.00	111.77	197.49	196.05	39.29	256.15	561.21	365.65	165.49	31.28	17.57	27.06	64.92	60.03	0.00	162.12	386.06	52.26	130.07	135.26	1061.54	342.73	229.74	510.09	326.65
ENSMUSG00000067219	Nipal1	0.00	105.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.88	36.33	11.59	0.00	0.00	0.00	0.00	6.53	0.00	58.70	0.00	140.48	0.00	40.40	62.65
ENSMUSG00000070644	Etnk2	45.79	0.00	140.85	0.00	18.41	0.00	0.00	0.00	0.00	11.38	164.97	18.55	85.78	57.42	324.68	21.68	120.38	115.42	45.77	36.58	37.42	16.08	0.00	16.41	79.43
ENSMUSG00000102243	Gm37718	50.46	0.00	0.00	0.00	19.64	0.00	0.00	18.60	0.00	49.30	0.00	0.00	27.82	159.21	0.00	0.00	68.49	7.62	0.00	38.28	57.28	40.62	0.00	0.00	0.00
ENSMUSG00000036766	Dner	89.71	0.00	192.28	119.42	308.76	0.00	45.46	23.61	0.00	135.57	176.42	79.62	387.17	125.28	0.00	81.06	198.22	128.48	9.64	324.97	0.00	199.71	77.45	116.16	199.12
ENSMUSG00000035984	Nme5	45.79	219.24	62.60	78.69	66.91	32.84	17.05	115.20	36.13	146.94	109.98	131.42	97.37	0.00	268.65	34.87	379.83	91.46	462.48	271.37	213.84	440.04	55.69	196.96	137.60
ENSMUSG00000031258	Xkrx	291.56	21.49	11.18	131.16	189.06	148.44	23.44	93.02	0.00	0.00	80.19	202.54	95.05	339.31	137.92	247.89	302.00	383.27	55.40	207.57	500.22	250.49	207.98	311.86	228.21
ENSMUSG00000042788	Fam166b	50.46	0.00	0.00	0.00	0.00	0.00	0.00	39.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.34	20.69	0.00	34.88	26.73	28.77	28.72	22.73	0.00
ENSMUSG00000041729	Coro2b	288.76	234.29	472.49	479.76	432.14	202.29	202.46	90.16	46.62	396.27	260.43	214.91	183.15	253.18	330.43	137.61	308.22	280.92	103.58	754.57	420.80	456.97	295.88	578.27	606.32
ENSMUSG00000023150	Ivns1abp	13389.48	13615.43	10843.49	13112.93	15579.99	13759.93	10876.73	11300.71	13720.67	12826.57	6196.13	6236.11	7569.61	7255.97	7691.83	7732.70	12075.77	11824.77	10067.39	12852.35	8089.12	9487.15	7364.69	10156.51	11996.68
ENSMUSG00000089789	Rdh1	22.43	0.00	32.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.01	102.01	13.05	22.99	37.70	0.00	0.00	0.00	61.25	75.61	30.46	0.00	0.00	0.00
ENSMUSG00000030030	1700003E16I	33.64	0.00	80.49	0.00	34.37	0.00	54.70	6.44	74.59	0.00	55.75	70.35	20.87	7.83	0.00	123.47	285.39	357.14	68.65	258.61	35.13	255.56	107.04	97.22	33.56
ENSMUSG00000102163	Gm36945	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000042976	9930038B18I	0.00	53.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.40	0.00	0.00	0.00	65.98	0.00	57.71	0.00	33.18	67.21	8.46	80.93	23.99	0.00
ENSMUSG00000048038	Ccdc187	699.94	108.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.46	252.79	70.35	88.10	57.42	1232.65	1014.19	1698.87	1387.18	1662.04	1471.71	77.13	175.17	75.71	1078.26	497.81
ENSMUSG00000026894	Mom5	23.36	0.00	0.00	15.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.54	0.00	0.00	33.21	0.00	0.00	15.31	73.32	49.93	279.34	68.18	182.34
ENSMUSG00000001167	Pih1d2	59.81	119.29	0.00	0.00	11.05	36.12	43.33	55.10	0.00	0.00	19.86	133.74	83.46	91.35	0.00	43.36	95.48	252.61	72.26	95.28	187.11	211.56	293.26	142.67	121.94
ENSMUSG00000044250	Pglyrp4	132.70	0.00	0.00	29.68	0.00	0.00	0.00	9.30	0.00	52.14	168.02	81.94	333.85	232.30	0.00	277.11	218.97	131.75	101.17	246.70	105.39	263.18	303.71	26.51	225.97
ENSMUSG00000056880	Gadl1	53.27	0.00	23.10	0.00	0.00	30.21	32.68	0.00	0.00	0.00	50.41	51.79	9.27	112.23	139.36	30.16	6.23	144.82	28.91	91.88	84.77	101.55	67.01	0.00	0.00
ENSMUSG00000026650	Maig1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.32	0.00	0.00	0.00	0.00	11.59	114.84	199.69	84.83	110.01	32.67	332.41	103.79	56.51	38.93	0.00	162.87	203.60
ENSMUSG00000044681	Cnrip1	12.15	0.00	244.44	141.51	174.94	20.36	57.54	0.00	0.00	0.00	257.38	85.81	34.78	10.44	199.69	253.43	119.39	293.99	331.20	294.34	106.92	0.00	154.03	0.00	92.92
ENSMUSG00000046182	Gsg1l	245.77	111.77	0.00	0.00	89.01	0.00	0.00	0.00	0.00	0.00	26.73	270.56	343.12	117.45	0.00	170.60	206.52	260.23	445.62	478.94	0.00	0.00	0.00	108.58	0.00
ENSMUSG00000040969	Arhgef38	119.62	0.00	313.75	60.06	151.62	13.79	47.60	60.82	0.00	186.76	241.34	207.95	111.28	62.64	0.00	203.59	471.16	345.16	450.44	420.25	238.27	124.40	317.63	515.14	504.52
ENSMUSG00000018417	Myo1b	2996.93	2763.06	5640.11	3817.36	5057.95	4729.61	4456.97	4467.91	5972.86	5862.49	808.03	681.05	500.78	469.81	114.93	793.63	2536.37	1859.73	2057.08	2290.93	2363.65	2405.85	2729.89	3352.19	3807.97
ENSMUSG00000090124	Ugt1a7c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.59	0.00	108.39	10.21	90.12	0.00	118.35	0.00	38.03
ENSMUSG00000041323	Ak7	116.81	16.12	29.81	24.85	0.61	19.05	45.46	9.30	12.82	0.00	178.71	54.89	46.37	258.40	260.03	127.24	282.28	128.48	370.95	296.89	364.29	229.33	207.11	412.87	112.99
ENSMUSG00000092182	Gm20407	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000048644	Cbxn1	267.27	54.81	355.49	359.65	466.51	404.59	340.99	440.78	386.92	618.10	45.82	172.39	108.97	36.54	47.41	171.54	369.45	332.10	334.82	263.72	323.81	214.94	282.82	308.07	221.50
ENSMUSG00000035539	Ccdc180	51.40	51.59	0.00	13.12	0.00	0.00	0.00	0.00	0.00	0.00	79.43	23.96	25.50	190.53	176.71	374.19	548.99	175.30	168.61	147.17	119.14	0.00	216.69	291.66	316.59
ENSMUSG00000015966	Il17b	358.85	0.00	194.51	271.98	260.88	43.35	169.07	70.84	0.00	68.26	684.30	305.35	199.38	276.67	354.85	619.26	1309.70	1076.86	322.77	939.17	578.12	211.56	651.80	743.67	464.25
ENSMUSG00000020159	Gabrp	79.43	0.00	0.00	19.33	0.00	179.31	331.04	142.39	227.26	656.97	528.50	426.72	470.64	334.09	803.09	662.61	711.93	486.71	769.60	1184.17	2859.29	1490.22	1801.36	1891.37	1315.56
ENSMUSG00000087221	BC037032	45.79	165.50	168.43	0.00	33.76	48.60	60.38	59.39	0.00	176.33	58.04	27.83	0.00	190.53	0.00	79.17	53.97	13.07	0.00	15.31	32.08	0.00	0.00	34.09	0.00
ENSMUSG00000043668	Tox3	322.40	347.13	324.19	308.56	377.51	133.33	177.60	249.73	153.84	73.00	270.36	265.15	375.58	221.86	0.00	281.82	539.65	237.37	234.85	600.59	153.50	334.26	339.39	488.62	265.13
ENSMUSG00000086825	Gm15675	54.20	0.00	0.75	38.66	19.03	0.00	0.00	0.00	0.00	0.00	23.68	43.29	67.23	0.00	0.00	46.19	134.91	114.33	51.79	75.71	223.00	88.85	48.73	327.01	168.92
ENSMUSG00000037868	Egr2	0.00	0.00	567.89	596.42	122.15	426.92	890.82	797.12	0.00	0.00	580.43	223.41	187.79	368.02	0.00	0.00	31.13	0.00	0.00	14.46	562.85	599.14	301.10	20.20	0.00
ENSMUSG00000029321	Slc10a6	8.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	106.92	56.43	97.37	99.18	0.00	86.71	28.02	1.09	0.00	0.00	25.20	74.47	119.22	44.19	0.00
ENSMUSG00000033805	Six3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.60	52.14	42.77	38.65	62.60	182.70	34.48	120.65	133.88	0.00	0.00	63.80	91.64	0.00	0.00	6.31	0.00
ENSMUSG00000000594	Gm2a	542.01	619.03	98.37	102.85	126.45	72.90	287.00	112.34	215.61	109.97	963.83	626.16	829.99	618.58	626.38	1166.88	1629.34	1391.53	2106.46	1532.96	2334.63	2468.47	1499.39	2290.35	1758.56
ENSMUSG00000022375	Lrrc6	45.79	0.00	0.00	0.00	0.00	0.00	0.00	25.04	0.00	0.00	99.28	0.00	104.33	78.30	0.00	159.29	270.86	5.44	0.00	136.96	54.22	0.00	52.21	53.03	0.00
ENSMUSG00000014846	Tppp3	518.65	355.73	302.57	620.58	480.63	428.23	520.00	720.56	243.58	452.20	214.61	163.88	129.83	99.18	709.71	456.20	1251.58	647.86	574.49	877.07	806.47	589.83	1323.61	1299.21	1430.79
ENSMUSG00000070695	Cntnap5a	147.65	0.00	53.66	0.00	46.65	0.00	0.00	43.65	34.96	0.00	116.09	151.52	176.20	83.52	0.00	238.47	491.91	227.57	187.88	353.04	71.79	171.79	248.88	125.00	136.48
ENSMUSG00000046694	Fam46b	114.94	0.00	17.89	0.00	31.31	0.00	110.82	48.66	0.00	105.23	110.74	115.18	317.62	93.96	0.00	65.04	0.00	188.37	8.43	470.44	616.31	306.34	395.95	324.49	343.43
ENSMUSG00000022696	Sidt1	49.53	78.45	11.18	43.49	15.96	38.75	67.49	51.52	0.00	20.86	102.34	58.75	0.00	20.88	386.46	182.86	229.35	190.55	134.89	280.73	232.16	89.70	330.68	380.04	246.11
ENSMUSG00000086243	Gm12121	36.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.35	0.00	0.00	0.00	0.00	0.00	0.00	23.87	29.40	65.04	28.07	12.98	0.00	108.78	0.00	85.02
ENSMUSG00000045761	Togaram2	135.50	0.00	45.46	99.40	66.29	82.10	0.00	20.75	555.91	64.46	158.09	114.41	95.05	2.61	0.00	60.32	294.73	222.12	357.70	228.84	291.73	228.48	176.66	167.92	86.14
ENSMUSG00000040035	Dlsp2	133.63	107.47	114.02	107.00	74.27	15.11	0.00	36.49	0.00	0.00	314.66	404.30	370.95	193.14	1170.87	234.70	390.21	458.40	501.02	375.16	227.58	135.40	135.75	476.00	384.82
ENSMUSG00000035580	Kcnh8	367.26	113.92	125.20	0.00	0.00	32.18	0.00	12.16	75.75	115.66	106.92	69.57	99.69	54.81	179.58	174.37	236.62	314.67	1.20	108.89	36.66	60.08	87.89	188.13	51.46
ENSMUSG00000030954	Gp2	776.57	124.67	375.61	413.49	314.89	555.65	405.63	790.68	743.55	1330.06	685.63	885.90	683.93	548.11	2721.02	1168.77	1948.98	1481.91	2179.92	2263.71	6323.44	4461.36	3871.62	7177.85	5882.00
ENSMUSG00000041986	Elmod1	31.77	111.77	0.00	0.00	46.65	0.00	0.00	0.00	0.00	0.00	242.10	116.73	74.19	417.61	0.00	173.43	239.73	74.04	178.25	247.55	110.74	120.17	167.95	98.48	69.36
ENSMUSG00000101337	Dnah7c	83.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.41	67.31	26.73	13.91	11.59	70.47	0.00	133.84	37.36	39.20	308.32	91.02	53.46	0.00	44.38	236.11	66.00
ENSMUSG00000038242	Aox4	741.06	3.22	272.02	429.37	271.31	109.69	83.83	132.38	150.34	206.67	634.66	850.34	294.44	835.22	663.73	1273.39	1109.40	1060.53	1352.52	1736.28	1082.16	859.78	658.76	835.84	1050.44
ENSMUSG00000027377	Mat8	188.77	0.00	35.77	31.06	54.53	15.76	49.73	22.18	57.11	142.20	177.95	219.54	95.05	190.53	264.34	201.71	660.04	152.44	307.12	381.96	599.50	1157.65	400.30	568.17	636.53
ENSMUSG00000031458	Cqsrs	161.67	128.96	91.87	186.38	157.14	49.92	299.07	54.38	0.00	0.00	262.72	166.20	136.79	354.97	94.82	232.81	270.86	189.46	334.82	216.93	122.19	207.33	239.31	196.96	333.37
ENSMUSG00000045275	Lca5l	105.60	63.41	49.93	49.01	41.13	0.00	0.00	37.21	0.00	0.00	91.65	26.28	2.32	172.26	0.00	44.30	134.91	70.77	110.80	47.64	33.60	45.70	132.27	136.36	0.00
ENSMUSG00000104011	Gm32391	44.86	242.88	0.00	6.21	0.00	22.99	0.00	0.00	172.48	0.00	0.00	59.52	0.00	0.00	0.00	57.50	46.70	27.22	0.00	131.01	81.72	0.00	0.00	185.60	0.00
ENSMUSG00000076433	Cep295nl	0.00	0.00	0.00	0.00	17.73	0.00	37.92	0.00	0.00	0.00	0.00	33.24	0.00	0.00	25.86	0.00	0.00	11.98	0.00	0.00	0.00	0.00	0.00	20.20	128.65
ENSMUSG00000041773	Enc1	1521.36	1125.22	1469.65	1486.21	1193.28	1614.41	1868.32	1749.52	1497.58	1295.93	807.26	445.27	806.81	568.99	379.28	722.00	1497.54	1423.11	1117.66	1677.58	2026.10	956.25	1733.48	1848.44	1289.83
ENSMUSG00000036634	Mag	129.90	146.16	0.00	0.00	0.00	57.80	0.00	27.19	0.00	0.00	296.33	254.33	187.79	156.60	323.25	396.81	257.37	341.89	397.44	427.90	332.21	230.18	308.06	88.38	341.20
ENSMUSG00000089453	Gm24224	15.89	0.00	0.00	0.00	55.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000040148	Hmx3	47.66	67.71	46.21	0.00	44.20	0.00	30.55	0.00	0.00	0.00	449.84	672.54	612.06	323.65	193.95	338.38	231.06	285.28	162.59	331.77	168.78	168.40	55.69	32.83	224.85
ENSMUSG00000036492	Rnf39	20.56	0.00	0.00	0.00	111.66	0.00	0.00	0.00	0.00	0.00	228.35	125.23	326.90	281.89	446.80	348.74	255.30	38.11	166.20	196.51	319.23	148.09	111.39	257.57	149.90
ENSMUSG00000074771	Ankef1	26.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.71	0.00	64.94	0.00	0.00	0.00	0.00	90.29	45.73	0.00	17.01	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000055945	Pirr18	45.79	0.00	0.00	38.66	50.33	28.24	0.00	29.34	0.00	81.53	90.12	6.18	129.83	39.15	0.00	16.97	0.00	43.55	0.00	0.00	0.00	0.00	167.08	119.95	31.32
ENSMUSG00000046240	Hepacam	48.59	0.00	0.00	0.00	0.00	0.00	0.00	20.04	57.11	0.00	64.15	106.68	9.27	44.37	199.69	125.36	108.97	157.88	290.25	218.63	15.27	130.32	261.94	0.00	74.95
ENSMUSG00000030729	Pgm2l1	495.28	184.85	889.09	395.54	618.74	542.52	588.20	379.24	235.42	657.92	239.81	150.74	285.16	441.10	0.00	283.71	551.07	421.38	277.01	577.62	645.33	231.02	177.53	351.00	346.79
ENSMUSG00000025196	Cpn1	39.25	0.00	36.52	0.00	68.75	0.00	0.00	0.00	0.00	0.00	117.61	139.15	97.37	5.22	1.44	324.24	87.17	19.60	52.99	163.33	0.00	29.62	40.90	183.08	107.39
ENSMUSG00000031089	Slc6a14	158.86	0.00	33.54	0.00	13.50	0.00	0.00	0.00	0.00	42.66	253.56	214.13	310.67	214.03	399.39	159.29	102.74	188.37	461.28	375.16	776.68	481.51	344.61	503.77	497.81
ENSMUSG00000047854	Stx19	85.04	276.20	0.00	55.91	31.31	0.00	0.00	16.46	0.00	38.87	0.00	0.00	44.05	36.54	0.00	65.04	134.91	68.60	122.85	135.26	179.47	226.79	239.31	56.82	173.39
ENSMUSG00000099655	2310034G01I	28.97	0.00	127.44	0.00	30.69	40.72	98.74	60.82	0.00	127.03	83.25	0.00	90.42	86.13	0.00	0.00	67.46	27.22	38.54	85.07	33.60	33.85	33.07	29.04	214.79
ENSMUSG00000053819	Camk2d	626.11	1033.87	643.90	515.65	527.28	654.17	386.45	618.24	585.05	363.09	289.45	542.67	563.37	769.97	1281.49	804.00	655.89	1014.80	721.42	1145.04	574.30	484.89	1032.08	1181.79	623.10
ENSMUSG00000092526	Gm17967	75.69	0.00	57.38	0.00	70.59	0.00	11.37	80.14	0.00	0.00	106.16	0.00	83.46	0.00	0.00	45.24	151.52	100.17	0.00	52.74	52.70	44.00	0.00	0.00	0.00
ENSMUSG00000085499	Gm15713	0.00	0.00	0.00	0.00	21.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENSMUSG00000024175	Tekt4	14.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	224.54	73.44	74.19	86.13	143.67	275.23	160.86	235.19	358.90	197.36	54.99	0.00	221.91	54.29	198.01
ENSMUSG00000026327	Serpinb11	189.70	0.00	83.47	0.69