

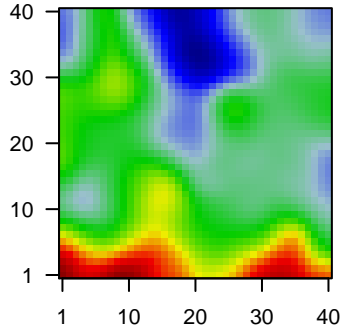
# 41687L

## Global Summary

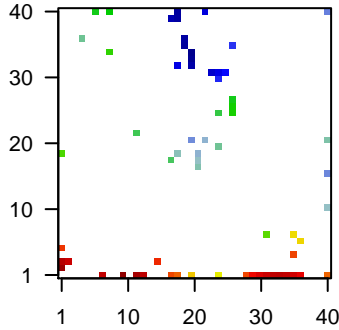
%DE = 0.05  
 # genes with fdr < 0.2 = 1194 ( 734 + / 460 -)  
 # genes with fdr < 0.1 = 806 ( 494 + / 312 -)  
 # genes with fdr < 0.05 = 639 ( 400 + / 239 -)  
 # genes with fdr < 0.01 = 285 ( 180 + / 105 -)  
  
 # genes in genesets = 16360

<FC> = 0  
 <t-score> = 0.14  
 <p-value> = 0.27  
 <fdr> = 0.95

Portrait



Top 100 DE genes



## Global Genelist

Rank	ID	log(FC)	fdr p-value	Description Metagene
1	1567628_at	-1.27	2e-16 2e-12	20 x 33 CD74 molecule [Source:HGNC Symbol;Acc:HGNC:1697]
2	200601_at	-1.05	2e-16 2e-12	22 x 40 actinin alpha 4 [Source:HGNC Symbol;Acc:HGNC:166]
3	210790_s_at	1.8	2e-16 2e-12	12 x 1 secretion associated Ras related GTPase 1A [Source:HGNC
4	214091_s_at	-0.89	2e-16 2e-12	24 x 30 glutathione peroxidase 3 [Source:HGNC Symbol;Acc:HGNC:]
5	217085_at	1.8	2e-16 2e-12	29 x 1 novel transcript
6	223278_at	2.08	2e-16 2e-12	24 x 20 gap junction protein beta 2 [Source:HGNC Symbol;Acc:HGNC]
7	223502_s_at	-1.61	2e-16 2e-12	19 x 35 TNF superfamily member 13b [Source:HGNC Symbol;Acc:HK
8	201909_at	1.22	7e-16 7e-11	18 x 1 ribosomal protein S4 Y-linked 1 [Source:HGNC Symbol;Acc:]
9	224588_at	-1.71	2e-15 6e-10	17 x 18 X inactive specific transcript [Source:HGNC Symbol;Acc:HGNC]
10	226876_at	-1.12	1e-14 1e-08	26 x 35 refilin B [Source:HGNC Symbol;Acc:HGNC:28705]
11	210067_at	0.79	4e-13 1e-08	10 x 1 aquaporin 4 [Source:HGNC Symbol;Acc:HGNC:637]
12	242611_at	-1.14	6e-13 1e-08	18 x 40 dedicator of cytokinesis 7 [Source:HGNC Symbol;Acc:HGNC]
13	223629_at	1.55	6e-13 1e-08	40 x 11 protocadherin beta 5 [Source:HGNC Symbol;Acc:HGNC:869]
14	201348_at	-0.74	8e-13 2e-08	25 x 31 glutathione peroxidase 3 [Source:HGNC Symbol;Acc:HGNC:]
15	214414_x_at	-0.67	1e-12 2e-08	40 x 40 hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGNC]
16	227671_at	-1.55	1e-12 4e-08	17 x 18 X inactive specific transcript [Source:HGNC Symbol;Acc:HGNC]
17	227614_at	1.54	2e-12 4e-08	30 x 1 hexokinase domain containing 1 [Source:HGNC Symbol;Acc:]
18	231029_at	1.52	3e-12 4e-08	31 x 1
19	217948_at	-1.04	4e-12 4e-08	40 x 16 retrotransposon Gag like 8A [Source:HGNC Symbol;Acc:HGNC]
20	209458_x_at	-0.71	4e-12 8e-08	40 x 40 hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGNC]

## Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	7.79	NULL	574	BP synapse
2	6.63	NULL	236	BP chemical synaptic transmission
3	6.38	NULL	1435	BP mitochondrion
4	5.96	NULL	240	BP postsynaptic membrane
5	5.91	NULL	30	BP sterol biosynthetic process
6	5.72	NULL	276	BP translation
7	5.52	NULL	505	BP nervous system development
8	5.41	NULL	40	BP cholesterol biosynthetic process
9	5.39	NULL	279	BP RNA splicing
10	5.01	NULL	33	BP regulation of cholesterol biosynthetic process
11	4.93	NULL	358	BP mRNA processing
12	4.87	NULL	27	BP gamma-aminobutyric acid signaling pathway
13	4.73	NULL	44	BP calcium-dependent cell-cell adhesion via plasma membrane cell
14	4.69	NULL	122	BP potassium ion transmembrane transport
15	4.65	NULL	16	BP L-glutamate transmembrane transport
16	4.61	NULL	131	BP potassium ion transport
17	4.53	NULL	630	BP protein transport
18	4.44	NULL	15	BP axon development
19	4.41	NULL	13	BP synaptic transmission, GABAergic
20	4.41	NULL	15	BP isoprenoid biosynthetic process
<i>Underexpressed</i>				
1	-12.25	NULL	388	BP immune response
2	-11.11	NULL	564	BP immune system process
3	-10.56	NULL	17	BP antigen processing and presentation of peptide or polysaccharide
4	-8.37	NULL	43	BP antigen processing and presentation
5	-8	NULL	364	BP inflammatory response
6	-7.05	NULL	222	BP adaptive immune response
7	-6.93	NULL	289	BP cytokine-mediated signaling pathway
8	-6.75	NULL	155	BP regulation of immune response
9	-6.61	NULL	59	BP positive regulation of T cell proliferation
10	-6.06	NULL	417	BP innate immune response
11	-5.49	NULL	121	BP defense response
12	-5.48	NULL	41	BP positive regulation of interferon-gamma production
13	-5.16	NULL	460	BP neutrophil degranulation
14	-5.13	NULL	23	BP positive regulation of neutrophil chemotaxis
15	-5.12	NULL	148	BP chemotaxis
16	-5	NULL	231	BP extracellular matrix organization
17	-4.92	NULL	74	BP neutrophil chemotaxis
18	-4.91	NULL	151	BP defense response to bacterium
19	-4.9	NULL	47	BP complement activation
20	-4.76	NULL	207	BP cytokine activity

p-values

