

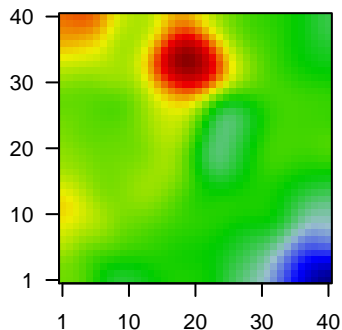
# group 4

## Global Summary

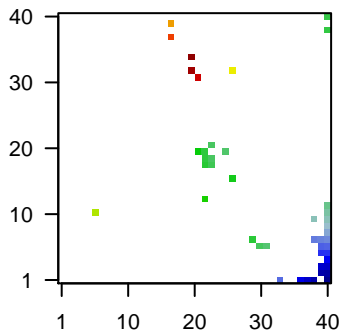
%DE = 0.42  
 # genes with fdr < 0.2 = 11590 ( 5364 + / 6226 - )  
 # genes with fdr < 0.1 = 6368 ( 2717 + / 3651 - )  
 # genes with fdr < 0.05 = 3856 ( 1513 + / 2343 - )  
 # genes with fdr < 0.01 = 1300 ( 381 + / 919 - )  
 # genes in genesets = 16360

<FC> = 0  
 <t-score> = -0.07  
 <p-value> = 0.11  
 <fdr> = 0.58

Portrait



Top 100 DE genes



## Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	215531_s_at	-0.53	7e-13	1e-08	40 x 3 gamma-aminobutyric acid type A receptor alpha5 subunit [Sc
2	1554474_a_a	-0.8	8e-13	2e-08	22 x 20 monooxygenase DBH like 1 [Source:HGNC Symbol;Acc:HGNC:11590]
3	206339_at	-0.34	1e-12	7e-08	40 x 6 CART prepropeptide [Source:HGNC Symbol;Acc:HGNC:243]
4	209708_at	-0.84	4e-12	7e-08	22 x 20 monooxygenase DBH like 1 [Source:HGNC Symbol;Acc:HGNC:11590]
5	207048_at	-0.36	6e-12	4e-07	40 x 40 solute carrier family 6 member 11 [Source:HGNC Symbol;Acc:HGNC:11590]
6	237449_at	-0.49	4e-11	4e-07	22 x 19 Sp8 transcription factor [Source:HGNC Symbol;Acc:HGNC:11590]
7	230765_at	-0.6	5e-11	4e-07	40 x 1 NACHT and WD repeat domain containing 2 [Source:HGNC Symbol;Acc:HGNC:11590]
8	235658_at	-0.61	6e-11	4e-07	23 x 19
9	206191_at	-0.84	8e-11	4e-07	40 x 1 ectonucleoside triphosphate diphosphohydrolase 3 [Source:HGNC Symbol;Acc:HGNC:11590]
10	220025_at	-0.57	8e-11	4e-07	40 x 2 T-box, brain 1 [Source:HGNC Symbol;Acc:HGNC:11590]
11	206577_at	-0.41	9e-11	4e-07	40 x 4 vasoactive intestinal peptide [Source:HGNC Symbol;Acc:HGNC:11590]
12	205630_at	-0.61	9e-11	4e-07	40 x 2 corticotropin releasing hormone [Source:HGNC Symbol;Acc:HGNC:11590]
13	210381_s_at	-0.79	1e-10	2e-06	40 x 1 cholecystokinin B receptor [Source:HGNC Symbol;Acc:HGNC:11590]
14	205694_at	-0.26	2e-10	2e-06	40 x 7 tyrosinase related protein 1 [Source:HGNC Symbol;Acc:HGNC:11590]
15	1552897_a_a	-0.37	3e-10	2e-06	40 x 5 potassium voltage-gated channel modifier subfamily G memt
16	237277_at	-0.38	4e-10	2e-06	40 x 5
17	1554506_x_a1	-0.34	4e-10	2e-06	31 x 6 N-acetylated alpha-linked acidic dipeptidase 2 [Source:HGNC Symbol;Acc:HGNC:11590]
18	220166_at	-0.53	5e-10	2e-06	36 x 1 cyclin and CBS domain divalent metal cation transport media
19	207327_at	-0.38	5e-10	2e-06	21 x 20 EYA transcriptional coactivator and phosphatase 4 [Source:HGNC Symbol;Acc:HGNC:11590]
20	240261_at	-0.48	5e-10	6e-06	40 x 6 target of myb1 like 1 membrane trafficking protein [Source:HGNC Symbol;Acc:HGNC:11590]

## Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	14.18	NULL	564	BP immune system process
2	11.94	NULL	388	BP immune response
3	9.97	NULL	155	BP regulation of immune response
4	9.79	NULL	417	BP innate immune response
5	9.24	NULL	364	BP inflammatory response
6	8.54	NULL	69	BP SRP-dependent cotranslational protein targeting to membrane
7	8.48	NULL	17	BP antigen processing and presentation of peptide or polysaccharide a
8	8.38	NULL	90	BP viral transcription
9	8.14	NULL	460	BP neutrophil degranulation
10	8.02	NULL	1145	BP regulation of transcription by RNA polymerase II
11	7.87	NULL	98	BP nuclear-transcribed mRNA catabolic process, nonsense-mediated
12	7.77	NULL	276	BP translation
13	7.7	NULL	152	BP rRNA processing
14	7.6	NULL	1387	BP regulation of transcription, DNA-templated
15	7.54	NULL	222	BP adaptive immune response
16	7.42	NULL	43	BP antigen processing and presentation
17	7.4	NULL	1416	BP DNA-binding transcription factor activity, RNA polymerase II-speci
18	7.36	NULL	120	BP translational initiation
19	7.14	NULL	289	BP cytokine-mediated signaling pathway
20	7.11	NULL	366	BP DNA repair
<i>Underexpressed</i>				
1	-15.66	NULL	236	BP chemical synaptic transmission
2	-14.34	NULL	574	BP synapse
3	-11.55	NULL	240	BP postsynaptic membrane
4	-10.66	NULL	627	BP ion transport
5	-9.5	NULL	131	BP potassium ion transport
6	-9.24	NULL	4278	BP plasma membrane
7	-9.08	NULL	149	BP regulation of ion transmembrane transport
8	-9	NULL	505	BP nervous system development
9	-8.39	NULL	122	BP potassium ion transmembrane transport
10	-8.04	NULL	28	BP synaptic vesicle exocytosis
11	-7.8	NULL	51	BP neurotransmitter secretion
12	-7.72	NULL	51	BP regulation of synaptic vesicle exocytosis
13	-7.49	NULL	275	BP ion transmembrane transport
14	-7.15	NULL	7387	BP membrane
15	-7.02	NULL	615	BP transmembrane transport
16	-6.94	NULL	48	BP long-term synaptic potentiation
17	-6.89	NULL	27	BP glutamate secretion
18	-6.51	NULL	89	BP neuropeptide signaling pathway
19	-6.33	NULL	33	BP regulation of exocytosis
20	-6.27	NULL	43	BP neurotransmitter transport

p-values

