

1762P

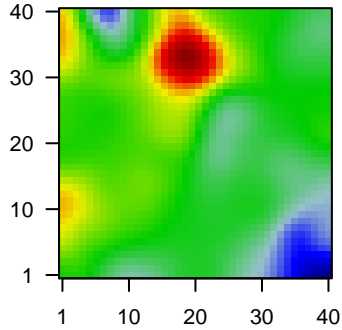
Global Summary

%DE = 0.09
 # genes with fdr < 0.2 = 3046 (1371 + / 1675 -)
 # genes with fdr < 0.1 = 2356 (1028 + / 1328 -)
 # genes with fdr < 0.05 = 1846 (783 + / 1063 -)
 # genes with fdr < 0.01 = 1159 (461 + / 698 -)

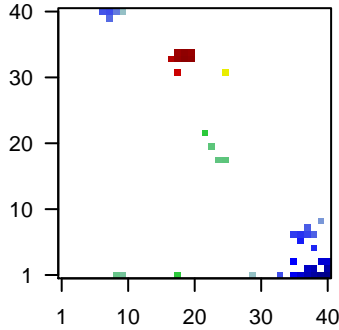
 # genes in genesets = 16360

<FC> = 0
 <t-score> = -0.02
 <p-value> = 0.19
 <fdr> = 0.91

Portrait



Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	1558010_s_at	-1.21	2e-16	2e-13	10 x 1 solute carrier family 1 member 2 [Source:HGNC Symbol;Acc:HGNC:155801]
2	200862_at	-1.45	2e-16	2e-13	36 x 6 24-dehydrocholesterol reductase [Source:HGNC Symbol;Acc:HGNC:200862]
3	201340_s_at	-1.46	2e-16	2e-13	40 x 1 ectodermal-neural cortex 1 [Source:HGNC Symbol;Acc:HGNC:201340]
4	201909_at	1.42	2e-16	2e-13	18 x 1 ribosomal protein S4 Y-linked 1 [Source:HGNC Symbol;Acc:HGNC:201909]
5	202507_s_at	-1.07	2e-16	2e-13	38 x 1 synaptosome associated protein 25 [Source:HGNC Symbol;Acc:HGNC:202507]
6	203413_at	-1.17	2e-16	2e-13	40 x 3 neural EGFL like 2 [Source:HGNC Symbol;Acc:HGNC:7751]
7	203797_at	-1.35	2e-16	2e-13	40 x 1 visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
8	203849_s_at	-2.19	2e-16	2e-13	7 x 40 kinesin family member 1A [Source:HGNC Symbol;Acc:HGNC:203849]
9	203998_s_at	-1.83	2e-16	2e-13	40 x 1 synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
10	203999_at	-1.06	2e-16	2e-13	40 x 1 synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
11	204041_at	-1.62	2e-16	2e-13	23 x 20 monoamine oxidase B [Source:HGNC Symbol;Acc:HGNC:68]
12	204081_at	-1.23	2e-16	2e-13	40 x 1 neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
13	204670_x_at	1	2e-16	2e-13	19 x 33 major histocompatibility complex, class II, DR beta 1 [Source:HGNC Symbol;Acc:HGNC:204670]
14	204684_at	-1.71	2e-16	2e-13	40 x 1 neuronal pentraxin 1 [Source:NCBI gene;Acc:4884]
15	204964_s_at	-1.22	2e-16	2e-13	9 x 40 sarcospan [Source:HGNC Symbol;Acc:HGNC:11322]
16	205113_at	-1.64	2e-16	2e-13	40 x 1 neurofilament medium [Source:HGNC Symbol;Acc:HGNC:77]
17	205374_at	2.2	2e-16	2e-13	19 x 33 sarcolipin [Source:HGNC Symbol;Acc:HGNC:11089]
18	205481_at	-1.96	2e-16	2e-13	24 x 18 adenosine A1 receptor [Source:HGNC Symbol;Acc:HGNC:26]
19	206678_at	-1.97	2e-16	2e-13	40 x 1 gamma-aminobutyric acid type A receptor alpha1 subunit [Source:HGNC Symbol;Acc:HGNC:206678]
20	206899_at	-1.4	2e-16	2e-13	36 x 7 neurotensin receptor 2 [Source:HGNC Symbol;Acc:HGNC:80]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	19.2	NULL	564	BP immune system process
2	18.06	NULL	388	BP immune response
3	16.43	NULL	17	BP antigen processing and presentation of peptide or polysaccharide antigen fragments
4	13.38	NULL	155	BP regulation of immune response
5	13.15	NULL	43	BP antigen processing and presentation
6	12.59	NULL	222	BP adaptive immune response
7	12.2	NULL	417	BP innate immune response
8	12.2	NULL	47	BP complement activation
9	12.12	NULL	64	BP complement activation, classical pathway
10	11.17	NULL	64	BP regulation of complement activation
11	9.83	NULL	89	BP Fc-gamma receptor signaling pathway involved in phagocytosis
12	9.28	NULL	47	BP phagocytosis, engulfment
13	9.27	NULL	364	BP inflammatory response
14	8.93	NULL	56	BP B cell receptor signaling pathway
15	8.91	NULL	69	BP SRP-dependent cotranslational protein targeting to membrane
16	8.9	NULL	160	BP T cell receptor signaling pathway
17	8.83	NULL	30	BP immunoglobulin production
18	8.82	NULL	29	BP positive regulation of B cell activation
19	8.44	NULL	460	BP neutrophil degranulation
20	8.35	NULL	90	BP viral transcription
<i>Underexpressed</i>				
1	-17.86	NULL	574	BP synapse
2	-16.01	NULL	236	BP chemical synaptic transmission
3	-13.25	NULL	240	BP postsynaptic membrane
4	-11.11	NULL	505	BP nervous system development
5	-10.66	NULL	51	BP neurotransmitter secretion
6	-10.65	NULL	627	BP ion transport
7	-10.36	NULL	4278	BP plasma membrane
8	-9.92	NULL	7387	BP membrane
9	-9.34	NULL	28	BP synaptic vesicle exocytosis
10	-9.24	NULL	27	BP glutamate secretion
11	-8.75	NULL	51	BP regulation of synaptic vesicle exocytosis
12	-8.48	NULL	131	BP potassium ion transport
13	-8.06	NULL	119	BP postsynapse
14	-8.01	NULL	43	BP neurotransmitter transport
15	-7.88	NULL	27	BP gamma-aminobutyric acid signaling pathway
16	-7.8	NULL	33	BP regulation of exocytosis
17	-7.58	NULL	122	BP potassium ion transmembrane transport
18	-7.37	NULL	249	BP brain development
19	-7.27	NULL	13	BP synaptic transmission, GABAergic
20	-7.15	NULL	12	BP regulation of postsynaptic neurotransmitter receptor activity

p-values

