

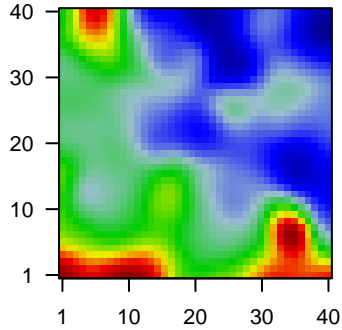
2025N

Global Summary

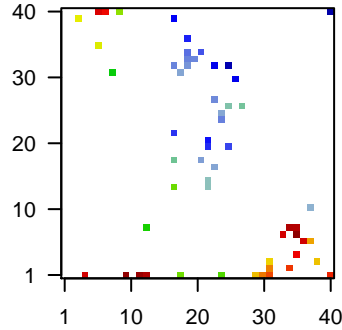
%DE = 0.05
 # genes with fdr < 0.2 = 1153 (825 + / 328 -)
 # genes with fdr < 0.1 = 718 (519 + / 199 -)
 # genes with fdr < 0.05 = 608 (444 + / 164 -)
 # genes with fdr < 0.01 = 308 (224 + / 84 -)
 # genes in genesets = 16360

<FC> = 0
 <t-score> = 0.17
 <p-value> = 0.27
 <fdr> = 0.95

Portrait



Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	201909_at	-1.61	2e-16	9e-13	18 x 1 ribosomal protein S4 Y-linked 1 [Source:HGNC Symbol;Acc:HGNC:10000]
2	202376_at	1.24	2e-16	9e-13	19 x 34 serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC:10000]
3	203815_at	-1.98	2e-16	9e-13	22 x 15 glutathione S-transferase theta 1 [Source:HGNC Symbol;Acc:HGNC:10000]
4	205000_at	-2.05	2e-16	9e-13	18 x 1 DEAD-box helicase 3 Y-linked [Source:HGNC Symbol;Acc:HGNC:10000]
5	206700_s_at	-1.64	2e-16	9e-13	18 x 1 lysine demethylase 5D [Source:HGNC Symbol;Acc:HGNC:10000]
6	206803_at	1.92	2e-16	9e-13	40 x 1 prodynorphin [Source:HGNC Symbol;Acc:HGNC:8820]
7	212671_s_at	-1.66	2e-16	9e-13	19 x 33 major histocompatibility complex, class II, DQ alpha 2 [Source:HGNC Symbol;Acc:HGNC:10000]
8	214218_s_at	2.1	2e-16	9e-13	17 x 18 X inactive specific transcript [Source:HGNC Symbol;Acc:HGNC:10000]
9	221728_x_at	1.87	2e-16	9e-13	17 x 18 X inactive specific transcript [Source:HGNC Symbol;Acc:HGNC:10000]
10	224588_at	2.5	2e-16	9e-13	17 x 18 X inactive specific transcript [Source:HGNC Symbol;Acc:HGNC:10000]
11	224589_at	1.72	2e-16	9e-13	17 x 18 X inactive specific transcript [Source:HGNC Symbol;Acc:HGNC:10000]
12	224590_at	1.68	2e-16	9e-13	17 x 18 X inactive specific transcript [Source:HGNC Symbol;Acc:HGNC:10000]
13	227671_at	2.33	2e-16	9e-13	17 x 18 X inactive specific transcript [Source:HGNC Symbol;Acc:HGNC:10000]
14	202295_s_at	-0.83	4e-16	3e-11	23 x 32 cathepsin H [Source:HGNC Symbol;Acc:HGNC:2535]
15	1561324_at	1.61	1e-15	8e-11	30 x 1
16	218164_at	-1.02	3e-15	8e-11	25 x 20 spermatogenesis associated 20 [Source:HGNC Symbol;Acc:HGNC:10000]
17	207323_s_at	0.74	4e-15	4e-10	35 x 7 myelin basic protein [Source:HGNC Symbol;Acc:HGNC:6925]
18	207659_s_at	0.94	3e-14	4e-10	35 x 7 myelin-associated oligodendrocyte basic protein [Source:HGNC Symbol;Acc:HGNC:10000]
19	209116_x_at	0.72	3e-14	4e-10	40 x 40 hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:10000]
20	202917_s_at	1.52	4e-14	4e-10	19 x 34 S100 calcium binding protein A8 [Source:HGNC Symbol;Acc:HGNC:10000]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	10.19	NULL	7387	BP membrane
2	7.28	NULL	236	BP chemical synaptic transmission
3	7.27	NULL	4278	BP plasma membrane
4	7.14	NULL	574	BP synapse
5	6.04	NULL	82	BP chloride transmembrane transport
6	5.33	NULL	133	BP central nervous system development
7	5.18	NULL	1435	BP mitochondrion
8	5.17	NULL	505	BP nervous system development
9	5.16	NULL	13	BP central nervous system myelination
10	5.04	NULL	627	BP ion transport
11	4.97	NULL	27	BP gamma-aminobutyric acid signaling pathway
12	4.85	NULL	12	BP regulation of postsynaptic neurotransmitter receptor activity
13	4.74	NULL	460	BP neutrophil degranulation
14	4.74	NULL	15	BP axon development
15	4.6	NULL	4740	BP cytosol
16	4.59	NULL	10	BP mesenchymal cell differentiation
17	4.56	NULL	14	BP unsaturated fatty acid biosynthetic process
18	4.55	NULL	52	BP myelination
19	4.55	NULL	630	BP protein transport
20	4.3	NULL	47	BP positive regulation of cell death
<i>Underexpressed</i>				
1	-13.52	NULL	17	BP antigen processing and presentation of peptide or polysaccharide antigen fragments
2	-10.42	NULL	43	BP antigen processing and presentation
3	-5.24	NULL	1416	BP DNA-binding transcription factor activity, RNA polymerase II-specific
4	-4.65	NULL	388	BP immune response
5	-4.58	NULL	1387	BP regulation of transcription, DNA-templated
6	-4.27	NULL	19	BP innate immune response in mucosa
7	-3.8	NULL	843	BP DNA-binding transcription factor activity
8	-3.72	NULL	93	BP antigen processing and presentation of exogenous peptide antigen fragments
9	-3.69	NULL	222	BP adaptive immune response
10	-3.68	NULL	1145	BP regulation of transcription by RNA polymerase II
11	-3.52	NULL	74	BP defense response to Gram-positive bacterium
12	-3.49	NULL	34	BP odontogenesis
13	-3.48	NULL	29	BP antibacterial humoral response
14	-3.37	NULL	15	BP regulation of systemic arterial blood pressure
15	-3.29	NULL	11	BP negative regulation of interleukin-1 beta production
16	-3.2	NULL	95	BP anterior/posterior pattern specification
17	-3.06	NULL	53	BP cell development
18	-3.06	NULL	25	BP ERK1 and ERK2 cascade
19	-3.01	NULL	541	BP negative regulation of transcription, DNA-templated
20	-3.01	NULL	106	BP anatomical structure morphogenesis

p-values

