

MPI-222

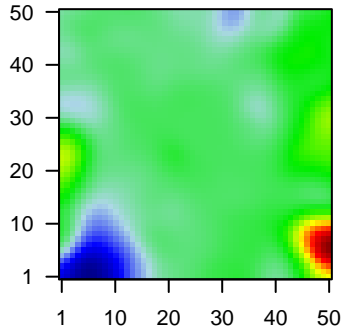
Global Summary

%DE = 0.07
 # genes with fdr < 0.2 = 851 (436 + / 415 -)
 # genes with fdr < 0.1 = 629 (312 + / 317 -)
 # genes with fdr < 0.05 = 481 (234 + / 247 -)
 # genes with fdr < 0.01 = 295 (135 + / 160 -)

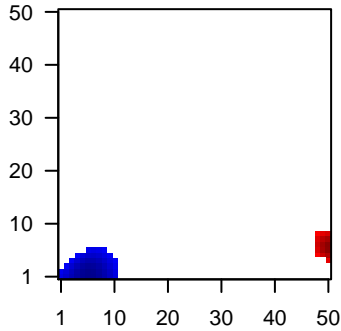
 # genes in genesets = 13152

<FC> = 0
 <t-score> = -0.16
 <p-value> = 0.23
 <fdr> = 0.93

Portrait



Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	200648_s_at	-1.62	2e-16	3e-13	2 x 0 glutamate-ammonia ligase [Source:HGNC Symbol;Acc:HGNC:10000]
2	201162_at	-1.35	2e-16	3e-13	10 x 3 insulin like growth factor binding protein 7 [Source:HGNC Symbol;Acc:HGNC:10000]
3	201460_at	-2.13	2e-16	3e-13	7 x 31 mitogen-activated protein kinase-activated protein kinase 2 [Source:HGNC Symbol;Acc:HGNC:10000]
4	206134_at	-1.53	2e-16	3e-13	3 x 3 ADAM like decysin 1 [Source:HGNC Symbol;Acc:HGNC:16222]
5	207843_x_at	-1.68	2e-16	3e-13	36 x 31 cytochrome b5 type A [Source:HGNC Symbol;Acc:HGNC:25122]
6	209366_x_at	-1.87	2e-16	3e-13	36 x 31 cytochrome b5 type A [Source:HGNC Symbol;Acc:HGNC:25122]
7	211663_x_at	-1.62	2e-16	3e-13	2 x 3
8	211748_x_at	-1.99	2e-16	3e-13	3 x 3 prostaglandin D2 synthase [Source:HGNC Symbol;Acc:HGNC:10000]
9	212187_x_at	-1.56	2e-16	3e-13	3 x 3 prostaglandin D2 synthase [Source:HGNC Symbol;Acc:HGNC:10000]
10	213553_x_at	-1.57	2e-16	3e-13	5 x 2 apolipoprotein C1 [Source:HGNC Symbol;Acc:HGNC:607]
11	213831_at	-1.95	2e-16	3e-13	49 x 16 major histocompatibility complex, class II, DQ alpha 1 [Source:HGNC Symbol;Acc:HGNC:10000]
12	213988_s_at	-1.27	2e-16	3e-13	7 x 7 spermidine/spermine N1-acetyltransferase 1 [Source:HGNC Symbol;Acc:HGNC:10000]
13	218253_s_at	-2.16	2e-16	3e-13	37 x 33 eukaryotic translation initiation factor 2D [Source:HGNC Symbol;Acc:HGNC:10000]
14	218345_at	-1.9	2e-16	3e-13	3 x 1 transmembrane protein 176A [Source:HGNC Symbol;Acc:HGNC:10000]
15	221601_s_at	-2.17	2e-16	3e-13	0 x 21 Fc fragment of IgM receptor [Source:HGNC Symbol;Acc:HGNC:10000]
16	210072_at	-1.47	4e-16	3e-11	0 x 2 C-C motif chemokine ligand 19 [Source:HGNC Symbol;Acc:HGNC:10000]
17	33304_at	-1.13	3e-15	3e-11	4 x 15 interferon stimulated exonuclease gene 20 [Source:HGNC Symbol;Acc:HGNC:10000]
18	208783_s_at	-1.43	3e-15	3e-11	14 x 10 CD46 molecule [Source:HGNC Symbol;Acc:HGNC:6953]
19	220423_at	-1.5	4e-15	1e-10	2 x 3 phospholipase A2 group IID [Source:HGNC Symbol;Acc:HGNC:10000]
20	209480_at	-2.01	1e-14	6e-10	49 x 16 major histocompatibility complex, class II, DQ beta 1 [Source:HGNC Symbol;Acc:HGNC:10000]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	12.41	NULL	5529	Lymphoid tissue morphogenesis
2	11.22	NULL	5716	Chromatin remodeling
3	11.03	NULL	4261	Lymphoid tissue morphogenesis
4	10.85	NULL	1174	Colon Cancer
5	10.59	NULL	188	Reference Geneset_3_8_Enzymes
6	10.11	NULL	852	MF nucleic acid binding
7	10.06	NULL	689	Chr Chr 3
8	9.91	NULL	6368	Colon Cancer
9	9.72	NULL	1541	MF DNA binding
10	9.45	NULL	403	Chr Chr 14
11	9.43	NULL	2325	Chromatin remodeling
12	9.4	NULL	1535	Chromatin remodeling
13	9.22	NULL	3767	Chromatin remodeling
14	9.13	NULL	5766	Chromatin remodeling
15	9.03	NULL	1025	Chromatin remodeling
16	8.94	NULL	5908	Lymphoid tissue morphogenesis
17	8.82	NULL	4528	Chromatin remodeling
18	8.74	NULL	5601	Chromatin remodeling
19	8.73	NULL	1655	BP transcription, DNA-templated
20	8.68	NULL	1764	BP regulation of transcription, DNA-templated
<i>Underexpressed</i>				
1	-23.04	NULL	176	GSEA C2PCCALUGA_ANGIOIMMUNOBLASTIC_LYMPHOMA_UP
2	-20.98	NULL	214	Lymphoid tissue morphogenesis
3	-15.26	NULL	335	GSEA C2SCHUETZ_BREAST_CANCER_DUCTAL_INVASIVE_UP
4	-14.39	NULL	404	GSEA C2RUTELLA_RESPONSE_TO_HGF_UP
5	-13.51	NULL	386	GSEA C2RUTELLA_RESPONSE_TO_HGF_VS_CSF2R2R_AND_IL4_UP
6	-13.12	NULL	78	Melanoma
7	-12.6	NULL	447	Glioma
8	-12.59	NULL	397	GSEA C2REN_ALVEOLAR_RHABDOMYOSARCOMA_DN
9	-12.45	NULL	78	Melanoma
10	-12.14	NULL	102	Reference Geneset_3_8_Enzymes
11	-12.01	NULL	1090	CC extracellular space
12	-11.98	NULL	2239	CC extracellular exosome
13	-11.94	NULL	1611	CC extracellular region
14	-11.78	NULL	132	Colon Cancer
15	-11.27	NULL	247	GSEA C2BOQUEST_STEM_CELL_UP
16	-11.22	NULL	196	HM HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION
17	-11.12	NULL	223	GSEA C2MCLACHLAN_DENTAL_CARIES_UP
18	-11.02	NULL	178	HM HALLMARK_COMPLEMENT
19	-10.7	NULL	67	GSEA C2NAKAYAMA_SOFT_TISSUE_TUMORS_PCA1_UP
20	-10.7	NULL	261	GSEA C2POOLA_INVASIVE_BREAST_CANCER_UP

p-values

