MPI−018

Global Summary

%DE = 0.05

genes with fdr < 0.2 = 645 (199 + / 446 −)

genes with fdr < 0.1 = 464 (135 + / 329 −)

genes with fdr < 0.05 = 399 (105 + / 294 −)

genes with fdr < 0.01 = 276 (55 + / 221 −)

genes in genesets = 13152

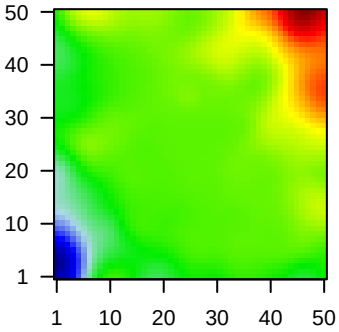
<FC> = 0

<t−score> = −0.24

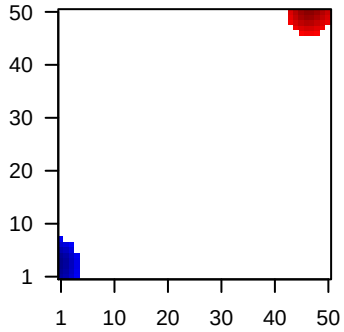
<p−value> = 0.24

<fdr> = 0.95

Portrait



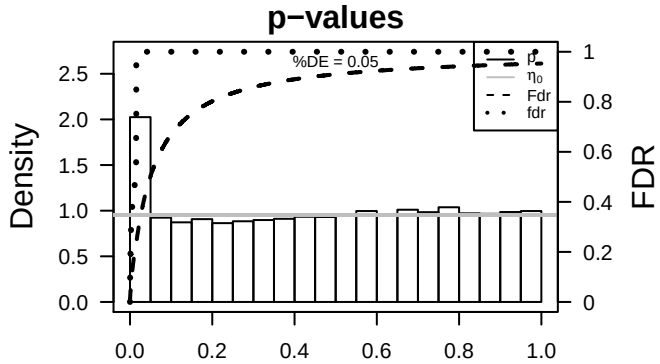
Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	201360_at	−1.42	2e−16	2e−13	1 x 0	cystatin C [Source:HGNC Symbol;Acc:HGNC:2475]
2	203760_s_at	−1.7	2e−16	2e−13	0 x 20	Src like adaptor [Source:HGNC Symbol;Acc:HGNC:10902]
3	203915_at	−2	2e−16	2e−13	0 x 0	C−X−C motif chemokine ligand 9 [Source:HGNC Symbol;Acc
4	204319_s_at	−1.5	2e−16	2e−13	1 x 8	regulator of G protein signaling 10 [Source:HGNC Symbol;Ac
5	204489_s_at	−1.85	2e−16	2e−13	0 x 4	CD44 molecule (Indian blood group) [Source:HGNC Symbol;/
6	204533_at	−1.87	2e−16	2e−13	0 x 0	C−X−C motif chemokine ligand 10 [Source:HGNC Symbol;Ac
7	205242_at	−1.9	2e−16	2e−13	0 x 3	C−X−C motif chemokine ligand 13 [Source:HGNC Symbol;Ac
8	205681_at	−1.67	2e−16	2e−13	0 x 4	BCL2 related protein A1 [Source:HGNC Symbol;Acc:HGNC:9
9	205890_s_at	−1.74	2e−16	2e−13	2 x 2	ubiquitin D [Source:HGNC Symbol;Acc:HGNC:18795]
10	205965_at	−1.94	2e−16	2e−13	0 x 4	basic leucine zipper ATF−like transcription factor [Source:HGI
11	206461_x_at	−1.92	2e−16	2e−13	0 x 1	metallothionein 1H [Source:HGNC Symbol;Acc:HGNC:7400]
12	206660_at	2.83	2e−16	2e−13	45 x 49	immunoglobulin lambda like polypeptide 1 [Source:HGNC Sy
13	206666_at	−2.34	2e−16	2e−13	0 x 0	granzyme K [Source:HGNC Symbol;Acc:HGNC:4711]
14	206687_s_at	−1.39	2e−16	2e−13	0 x 12	protein tyrosine phosphatase, non−receptor type 6 [Source:H
15	209366_x_at	−1.71	2e−16	2e−13	36 x 31	cytochrome b5 type A [Source:HGNC Symbol;Acc:HGNC:257
16	210072_at	−2.12	2e−16	2e−13	0 x 2	C−C motif chemokine ligand 19 [Source:HGNC Symbol;Acc:H
17	211430_s_at	−3.25	2e−16	2e−13	0 x 4	immunoglobulin heavy constant gamma 2 (G2m marker) [Sou
18	211663_x_at	−1.64	2e−16	2e−13	2 x 3	
19	211675_s_at	−1.65	2e−16	2e−13	0 x 5	MyoD family inhibitor domain containing [Source:HGNC Symb
20	211748_x_at	−1.45	2e−16	2e−13	3 x 3	prostaglandin D2 synthase [Source:HGNC Symbol;Acc:HGN

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset
Overexpressed				
1	17.46	NULL	7225	Chromatin states_Overlap_fetal_midbrain_ReprPC
2	16.87	NULL	5456	Chromatin states_5_TssA_Neuronal_Progenitor
3	15.88	NULL	6068	Chromatin states_4_TssA_ESC_Endoderm
4	14.84	NULL	4683	Chromatin states_Overlap_fetal_midbrain_HetRpts
5	14.58	NULL	6389	Chromatin states_4_TssA_ESC_Mesoderm
6	13.7	NULL	3554	Chromatin states_6_ZNF_Rpts_ESC_Endoderm
7	13.69	NULL	9160	Chromatin states_2_TssA_Neuronal_Progenitor
8	13.32	NULL	8641	Chromatin states_1_TssA_ESC_Endoderm
9	13.32	NULL	3007	Chromatin states_6_ZNF_Neuronal_Progenitor
10	13.19	NULL	6244	Chromatin states_15_Quies_Fibroblasts
11	13.06	NULL	7066	Chromatin states_Overlap_fetal_midbrain_ReprPCWk
12	12.6	NULL	6679	Chromatin states_5_TssA_Melanocytes
13	12.41	NULL	726	GSEA C2 PUJANA_CHEK2_PCC_NETWORK
14	12.2	NULL	669	GSEA C2 JOHNSTONE_PARVB_TARGETS_3_DN
15	12.06	NULL	6997	Chromatin states_Overlap_fetal_midbrain_K9K27me3
16	12.03	NULL	966	GSEA C2 KINSEY_TARGETS_OF_EWSR1_FLI1_FUSION_UP
17	11.94	NULL	42	GSEA C2 HUMMEL_BURKITTS_LYMPHOMA_UP
18	11.91	NULL	1527	GSEA C2 PUJANA_BRCA1_PCC_NETWORK
19	11.85	NULL	2626	Chromatin states_6_ZNF_Rpts_ESC_Mesoderm
20	11.66	NULL	99	Lymphoma Sha_BL UP
Underexpressed				
1	−25.56	NULL	589	Colon Cancer Lembcke_TCGA−expr_kmeans_E_CIMP.H_UP_Cluster4_DN
2	−24.69	NULL	85	Lymphoma Sha_DLBCL UP
3	−22.73	NULL	447	Glioma ScoV_0.999_Sturm_E4_Mesenchymal_RTK I 'PDGFRA'_DN
4	−20.51	NULL	102	Reference VSG Titulaer B−cells
5	−20.48	NULL	317	Cancer SPANG_BCL6−index2
6	−18.97	NULL	265	GSEA C2 WALLACE_PROSTATE_CANCER_RACE_UP
7	−17.29	NULL	166	HM HALLMARK_INTERFERON_GAMMA_RESPONSE
8	−16.57	NULL	269	Glioma ScoV_0.5_Sturm_C3_Mesenchymal_DN
9	−16.42	NULL	88	GSEA C2 WIELAND_UP_BY_HBV_INFECTION
10	−16.11	NULL	336	BP immune response
11	−15.95	NULL	223	GSEA C2 MCLACHLAN_DENTAL_CARIES_UP
12	−15.33	NULL	229	GSEA C2 DI_PLASMACYTOMA_UP
13	−15.23	NULL	432	Chromatin states_monocytes peripheral blood_3_TxFlnk
14	−15.15	NULL	431	BP immune system process
15	−15.07	NULL	78	GSEA C2 FLECHNER_BIOPSY_KIDNEY_TRANSPLANT_REJECTED_VS_
16	−14.9	NULL	480	Cancer Lembcke_Colonic Inflammation
17	−14.47	NULL	429	GSEA C2 SMID_BREAST_CANCER_NORMAL_LIKE_UP
18	−14.31	NULL	354	GSEA C2 RODWELL_AGING_KIDNEY_UP
19	−13.89	NULL	194	GSEA C2 JAATINEN_HEMATOPOIETIC_STEM_CELL_DN
20	−13.82	NULL	255	GSEA C2 HELLER_SILENCED_BY_METHYLATION_UP