MPI−193

Global Summary

%DE = 0.06

genes with fdr < 0.2 = 786 (383 + / 403 −)

genes with fdr < 0.1 = 648 (309 + / 339 −)

genes with fdr < 0.05 = 508 (243 + / 265 −)

genes with fdr < 0.01 = 347 (164 + / 183 −)

genes in genesets = 13152

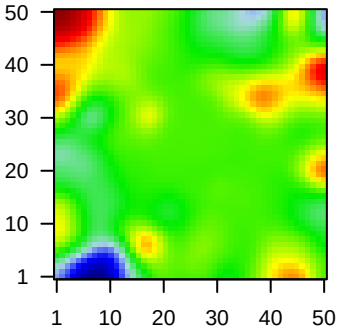
<FC> = 0

<t−score> = −0.05

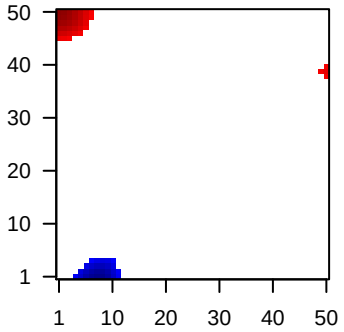
<p−value> = 0.23

<fdr> = 0.94

Portrait



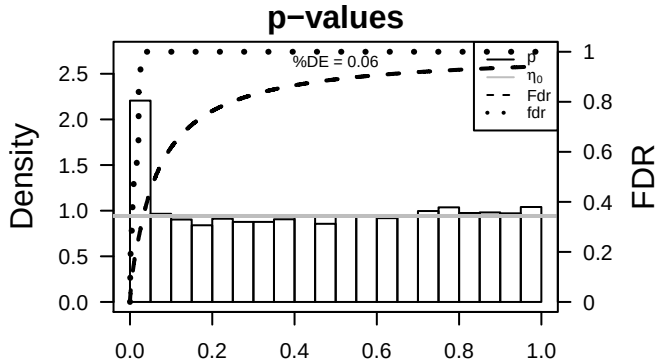
Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	39318_at	−1.9	2e−16	2e−13	46 x 49	T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HG
2	39729_at	−1.45	2e−16	2e−13	49 x 49	peroxiredoxin 2 [Source:HGNC Symbol;Acc:HGNC:9353]
3	202917_s_at	−1.75	2e−16	2e−13	0 x 0	S100 calcium binding protein A8 [Source:HGNC Symbol;Acc:
4	204018_x_at	−1.55	2e−16	2e−13	6 x 29	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
5	204418_x_at	2.18	2e−16	2e−13	37 x 34	glutathione S−transferase mu 4 [Source:HGNC Symbol;Acc:H
6	204550_x_at	2.33	2e−16	2e−13	37 x 34	glutathione S−transferase mu 4 [Source:HGNC Symbol;Acc:H
7	204777_s_at	2.24	2e−16	2e−13	10 x 7	mal, T cell differentiation protein [Source:HGNC Symbol;Acc:
8	205081_at	−1.44	2e−16	2e−13	2 x 6	
9	205780_at	−1.86	2e−16	2e−13	40 x 49	BCL2 interacting killer [Source:HGNC Symbol;Acc:HGNC:10
10	205861_at	−2.06	2e−16	2e−13	0 x 23	Spi−B transcription factor [Source:HGNC Symbol;Acc:HGNC:
11	206461_x_at	−1.87	2e−16	2e−13	0 x 1	metallothionein 1H [Source:HGNC Symbol;Acc:HGNC:7400]
12	206759_at	2.49	2e−16	2e−13	29 x 0	Fc fragment of IgE receptor II [Source:HGNC Symbol;Acc:HG
13	208581_x_at	−1.62	2e−16	2e−13	2 x 0	metallothionein 1X [Source:HGNC Symbol;Acc:HGNC:7405]
14	209374_s_at	−1.93	2e−16	2e−13	0 x 22	immunoglobulin heavy constant mu [Source:HGNC Symbol;A
15	209995_s_at	−2.12	2e−16	2e−13	46 x 49	T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HG
16	210258_at	−1.65	2e−16	2e−13	49 x 40	regulator of G protein signaling 13 [Source:HGNC Symbol;Ac
17	211456_x_at	−1.34	2e−16	2e−13	0 x 2	metallothionein 1H [Source:HGNC Symbol;Acc:HGNC:7400]
18	211658_at	−1.81	2e−16	2e−13	48 x 49	
19	211699_x_at	−1.47	2e−16	2e−13	6 x 29	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
20	212827_at	−1.66	2e−16	2e−13	41 x 44	immunoglobulin heavy constant mu [Source:HGNC Symbol;A

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	11.08	NULL	5682	Lymphoma	HOPP_Weak_promoter
2	10.31	NULL	5908	Lymphoma	HOPP_Active_promoter
3	10.25	NULL	5716	Chromatin states	Bcells peripheral blood_4_Tx
4	9.55	NULL	3767	Chromatin states	Bcells peripheral blood_6_EnhG
5	8.44	NULL	5527	Chromatin states	Tregulatory cells peripheral blood_4_Tx
6	8.15	NULL	5753	Chromatin states	Tcells peripheral blood_4_Tx
7	8.01	NULL	6368	Colon Cancer	Lepointe_mucosa−position_kmeans_F_cecum colon_transverse c
8	7.96	NULL	263	Lymphoma	SPANG_CD40 6hrs UP
9	7.92	NULL	4528	Chromatin states	CD8s naive cells peripheral blood_4_Tx
10	7.65	NULL	5601	Chromatin states	Thelpers cells peripheral blood_4_Tx
11	7.51	NULL	556	Chr	Chr X
12	7.21	NULL	5766	Chromatin states	natural killer cells peripheral blood_4_Tx
13	6.96	NULL	3938	Chromatin states	Thelpers cells peripheral blood_6_EnhG
14	6.96	NULL	7420	Chromatin states	Tcells peripheral blood_1_TssA
15	6.95	NULL	355	Reference MSigDB	Genes involved in immune system
16	6.93	NULL	6637	Chromatin states	Tcells peripheral blood_5_TxWk
17	6.89	NULL	6839	Chromatin states	CD8s naive cells peripheral blood_5_TxWk
18	6.85	NULL	4208	Chromatin states	Tcells peripheral blood_6_EnhG
19	6.7	NULL	5529	Lymphoma	HOPP_Txn_elongation
20	6.48	NULL	7078	Chromatin states	Bcells peripheral blood_5_TxWk
Underexpressed					
1	−13.57	NULL	214	Lymphoma	LENZ_Stromal signature 1
2	−13	NULL	176	GSEA C2	PICCALUGA_ANGIOIMMUNOBLASTIC_LYMPHOMA_UP
3	−12.14	NULL	196	HM	HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION
4	−10.44	NULL	335	GSEA C2	SCHUETZ_BREAST_CANCER_DUCTAL_INVASIVE_UP
5	−10.29	NULL	63	GSEA C2	ANASTASSIOU_CANCER_MESENCHYMAL_TRANSITION_SIGN
6	−9.87	NULL	78	Melanoma	Tirosh_CAF−cell specific genes
7	−9.81	NULL	52	BP	complement activation, classical pathway
8	−9.63	NULL	212	CC	extracellular matrix
9	−9.53	NULL	321	GSEA C2	BLUM_RESPONSE_TO_SALIRASIB_DN
10	−9.17	NULL	319	Melanoma	Gerber_wt/wt_melanoma−cells−SpotA
11	−9.09	NULL	14	BP	cellular response to zinc ion
12	−8.99	NULL	14	BP	negative regulation of growth
13	−8.96	NULL	247	GSEA C2	BOQUEST_STEM_CELL_UP
14	−8.9	NULL	244	GSEA C2	KOBAYASHI_EGFR_SIGNALING_24HR_DN
15	−8.78	NULL	132	Colon Cancer	Marisa_CRC−cluster−a
16	−8.47	NULL	443	GSEA C2	CHICAS_RB1_TARGETS_CONFLUENT
17	−8.41	NULL	44	MF	antigen binding
18	−8.32	NULL	269	Glioma	ScoV_0.5_Sturm_C3_Mesenchymal_DN
19	−8.29	NULL	116	CC	blood microparticle
20	−8.2	NULL	99	Glioma	GIEZELT_GBM_WT_up_VS_mut