

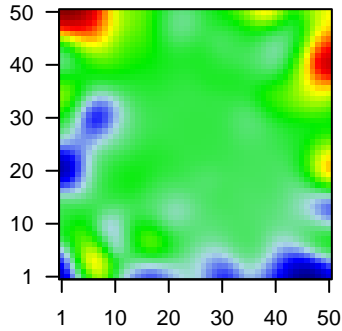
MPI-046

Global Summary

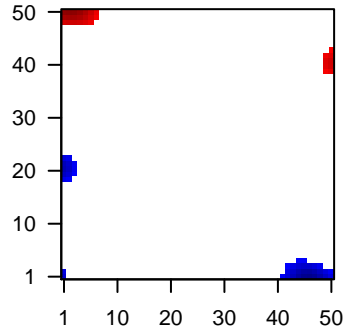
%DE = 0.04
 # genes with fdr < 0.2 = 409 (191 + / 218 -)
 # genes with fdr < 0.1 = 313 (133 + / 180 -)
 # genes with fdr < 0.05 = 278 (116 + / 162 -)
 # genes with fdr < 0.01 = 159 (53 + / 106 -)
 # genes in genesets = 13152

<FC> = 0
 <t-score> = 0.11
 <p-value> = 0.27
 <fdr> = 0.96

Portrait



Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	202917_s_at	-1.55	2e-16	4e-13	0 x 0 S100 calcium binding protein A8 [Source:HGNC Symbol;Acc:
2	202953_at	-1.87	2e-16	4e-13	0 x 0 complement C1q B chain [Source:HGNC Symbol;Acc:HGNC:
3	204562_at	-1.54	2e-16	4e-13	0 x 20 interferon regulatory factor 4 [Source:HGNC Symbol;Acc:HGI
4	209374_s_at	-2.62	2e-16	4e-13	0 x 22 immunoglobulin heavy constant mu [Source:HGNC Symbol;A
5	212827_at	-2.2	2e-16	4e-13	41 x 44 immunoglobulin heavy constant mu [Source:HGNC Symbol;A
6	214669_x_at	-1.76	2e-16	4e-13	0 x 3
7	214836_x_at	-1.52	2e-16	4e-13	0 x 3
8	215176_x_at	-1.64	2e-16	4e-13	10 x 5 immunoglobulin kappa variable 1-39 (gene/pseudogene) [So
9	218232_at	-2.08	2e-16	4e-13	0 x 0 complement C1q A chain [Source:HGNC Symbol;Acc:HGNC:
10	221651_x_at	-2.74	2e-16	4e-13	0 x 3 immunoglobulin kappa constant [Source:HGNC Symbol;Acc:I
11	221671_x_at	-2.66	2e-16	4e-13	0 x 3 immunoglobulin kappa constant [Source:HGNC Symbol;Acc:I
12	217002_s_at	2.04	9e-16	9e-12	3 x 5 5-hydroxytryptamine receptor 3A [Source:HGNC Symbol;Acc:
13	217469_at	2.03	1e-15	2e-11	49 x 20 immunoglobulin heavy constant epsilon [Source:HGNC Symb
14	201909_at	-1.29	2e-15	2e-11	43 x 49 ribosomal protein S4, Y-linked 1 [Source:HGNC Symbol;Acc:
15	203645_s_at	-1.34	3e-15	5e-11	8 x 10 CD163 molecule [Source:HGNC Symbol;Acc:HGNC:1631]
16	32128_at	-0.99	6e-15	5e-11	20 x 49 C-C motif chemokine ligand 18 [Source:HGNC Symbol;Acc:t
17	221286_s_at	-1.08	8e-15	3e-10	42 x 47 marginal zone B and B1 cell specific protein [Source:HGNC ε
18	205965_at	-1.06	3e-14	3e-10	0 x 4 basic leucine zipper ATF-like transcription factor [Source:HGI
19	209924_at	-0.96	5e-14	3e-10	20 x 49 C-C motif chemokine ligand 18 [Source:HGNC Symbol;Acc:t
20	219655_at	1.91	5e-14	3e-10	47 x 40 succinyl-CoA:glutarate-CoA transferase [Source:HGNC Syrr

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	19.81	NULL	6466	Chromatin state ESC_Adipocyte
2	19.52	NULL	6034	Chromatin state Fibroblasts
3	18.82	NULL	6099	Chromatin state T cells
4	18.33	NULL	5716	Chromatin state peripheral blood_4_Tx
5	18.23	NULL	5529	Lymphoid tissue Txn_elongation
6	18.18	NULL	7066	Chromatin state fetal_midbrain_ReprPCWk
7	17.96	NULL	6244	Chromatin state Fibroblasts
8	17.72	NULL	6389	Chromatin state ESC_Mesoderm
9	17.52	NULL	6643	Chromatin state Skeletal_Muscle
10	17.46	NULL	6679	Chromatin state Melanocytes
11	17.29	NULL	6068	Chromatin state ESC_Endoderm
12	17.25	NULL	5738	Chromatin state myocytes peripheral blood_4_Tx
13	17.2	NULL	4683	Chromatin state fetal_midbrain_HetRpts
14	17.06	NULL	5766	Chromatin state killer cells peripheral blood_4_Tx
15	16.69	NULL	3554	Chromatin state Rpts_ESC_Endoderm
16	16.64	NULL	5753	Chromatin state peripheral blood_4_Tx
17	16.52	NULL	4528	Chromatin state naive cells peripheral blood_4_Tx
18	16.5	NULL	7489	Chromatin state myocytes peripheral blood_5_TxWk
19	16.23	NULL	5601	Chromatin state naive cells peripheral blood_4_Tx
20	16.15	NULL	6582	Chromatin state Colon
<i>Underexpressed</i>				
1	-15.36	NULL	32	Reference signature 1_1_Plasma Cells
2	-14.24	NULL	44	MF antigen binding
3	-13.02	NULL	52	BP complement activation, classical pathway
4	-12.17	NULL	102	Reference signature B-cells
5	-11.78	NULL	16	MF immunoglobulin receptor binding
6	-11.46	NULL	85	Lymphoid tissue BCL2 DN_BCL6 UP
7	-11.39	NULL	19	BP positive regulation of B cell activation
8	-10.81	NULL	18	Lymphoid tissue RIGHT_ABC UP
9	-9.43	NULL	25	BP antibacterial humoral response
10	-9.36	NULL	21	BP phagocytosis, recognition
11	-9.3	NULL	11	MF peptidoglycan binding
12	-9.23	NULL	39	BP complement activation
13	-9.1	NULL	82	Colon Cancer track_CRC_TCGA_group.over_A_normal_UP
14	-9.04	NULL	10	Lymphoid tissue ASCQUE_ABC UP
15	-8.49	NULL	161	BP adaptive immune response
16	-8.31	NULL	22	Lifestyle DUMEAUX_High bmi enriched genes
17	-8.29	NULL	7	GSEA C2:REACTOME_CREATION_OF_C4_AND_C2_ACTIVATORS
18	-8.19	NULL	116	CC blood microparticle
19	-7.64	NULL	92	GSEA C2:KEGG_SYSTEMIC_LUPUS_ERYTHEMATOSUS
20	-7.6	NULL	9	GSEA C2:RUNNE_GENDER_EFFECT_UP

p-values

