

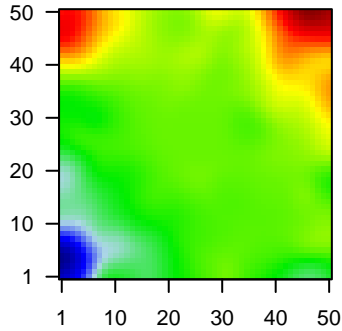
# MPI-005

## Global Summary

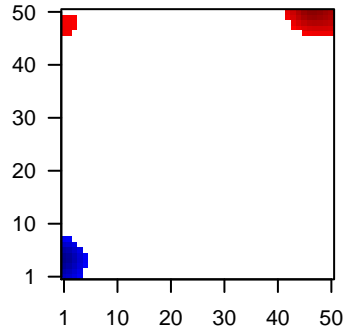
%DE = 0.05  
 # genes with fdr < 0.2 = 703 ( 262 + / 441 - )  
 # genes with fdr < 0.1 = 599 ( 208 + / 391 - )  
 # genes with fdr < 0.05 = 429 ( 143 + / 286 - )  
 # genes with fdr < 0.01 = 259 ( 81 + / 178 - )  
  
 # genes in genesets = 13152

<FC> = 0  
 <t-score> = -0.06  
 <p-value> = 0.24  
 <fdr> = 0.95

Portrait



Regulated Metagenes



## Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	203186_s_at	-1.23	2e-16	3e-13	0 x 3 S100 calcium binding protein A4 [Source:HGNC Symbol;Acc:HGNC:10345]
2	205681_at	-1.26	2e-16	3e-13	0 x 4 BCL2 related protein A1 [Source:HGNC Symbol;Acc:HGNC:10345]
3	206660_at	2.81	2e-16	3e-13	45 x 49 immunoglobulin lambda like polypeptide 1 [Source:HGNC Symbol;Acc:HGNC:10345]
4	208791_at	-2.13	2e-16	3e-13	0 x 3 clusterin [Source:HGNC Symbol;Acc:HGNC:2095]
5	208792_s_at	-1.78	2e-16	3e-13	0 x 3 clusterin [Source:HGNC Symbol;Acc:HGNC:2095]
6	210072_at	-1.57	2e-16	3e-13	0 x 2 C-C motif chemokine ligand 19 [Source:HGNC Symbol;Acc:HGNC:2095]
7	210258_at	-2.27	2e-16	3e-13	49 x 40 regulator of G protein signaling 13 [Source:HGNC Symbol;Acc:HGNC:2095]
8	211430_s_at	-1.89	2e-16	3e-13	0 x 4 immunoglobulin heavy constant gamma 2 (G2m marker) [Source:HGNC Symbol;Acc:HGNC:2095]
9	211675_s_at	-1.56	2e-16	3e-13	0 x 5 MyoD family inhibitor domain containing [Source:HGNC Symbol;Acc:HGNC:2095]
10	213831_at	-1.65	2e-16	3e-13	49 x 16 major histocompatibility complex, class II, DQ alpha 1 [Source:HGNC Symbol;Acc:HGNC:2095]
11	214669_x_at	-1.81	2e-16	3e-13	0 x 3
12	214836_x_at	-1.2	2e-16	3e-13	0 x 3
13	217022_s_at	-2.12	2e-16	3e-13	0 x 2 immunoglobulin heavy constant alpha 2 (A2m marker) [Source:HGNC Symbol;Acc:HGNC:2095]
14	221651_x_at	-2.12	2e-16	3e-13	0 x 3 immunoglobulin kappa constant [Source:HGNC Symbol;Acc:HGNC:2095]
15	221671_x_at	-1.92	2e-16	3e-13	0 x 3 immunoglobulin kappa constant [Source:HGNC Symbol;Acc:HGNC:2095]
16	205965_at	-1.23	5e-15	8e-11	0 x 4 basic leucine zipper ATF-like transcription factor [Source:HGNC Symbol;Acc:HGNC:2095]
17	205242_at	-1.38	8e-15	3e-10	0 x 3 C-X-C motif chemokine ligand 13 [Source:HGNC Symbol;Acc:HGNC:2095]
18	216834_at	-1.32	2e-14	3e-10	5 x 3 regulator of G protein signaling 1 [Source:HGNC Symbol;Acc:HGNC:2095]
19	203936_s_at	-1	4e-14	3e-10	5 x 3 matrix metalloproteinase 9 [Source:HGNC Symbol;Acc:HGNC:2095]
20	204563_at	-1.52	5e-14	1e-09	0 x 4 selectin L [Source:HGNC Symbol;Acc:HGNC:10720]

## Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	19.06	NULL	5456	Chromatin state:Neuronal_Progenitor
2	16.05	NULL	6997	Chromatin state:fetal_midbrain_K9K27me3
3	15.52	NULL	4683	Chromatin state:fetal_midbrain_HetRpts
4	15.39	NULL	6068	Chromatin state:ESC_Endoderm
5	15.18	NULL	6389	Chromatin state:ESC_Mesoderm
6	15.14	NULL	6099	Chromatin state:ESC_Tx
7	14.95	NULL	5716	Chromatin state:peripheral_blood_4_Tx
8	14.89	NULL	4528	Chromatin state:naive_cells_peripheral_blood_4_Tx
9	14.86	NULL	1527	GSEA C2PUJANA_BRCA1_PCC_NETWORK
10	14.48	NULL	5601	Chromatin state:naive_cells_peripheral_blood_4_Tx
11	14.37	NULL	7225	Chromatin state:fetal_midbrain_ReprPC
12	14.02	NULL	5753	Chromatin state:peripheral_blood_4_Tx
13	13.81	NULL	6679	Chromatin state:melanocytes
14	13.76	NULL	7833	Chromatin state:peripheral_blood_1_TssA
15	13.68	NULL	6034	Chromatin state:Fibroblasts
16	13.46	NULL	8641	Chromatin state:ESC_Endoderm
17	13.41	NULL	5527	Chromatin state:regulatory_cells_peripheral_blood_4_Tx
18	13.27	NULL	726	GSEA C2PUJANA_CHEK2_PCC_NETWORK
19	13.14	NULL	5766	Chromatin state:killer_cells_peripheral_blood_4_Tx
20	12.9	NULL	575	GSEA C2CAIRO_HEPATOBLASTOMA_CLASSES_UP
<i>Underexpressed</i>				
1	-22.33	NULL	85	Lymphoma:Sh_DLBCL_UP
2	-19.73	NULL	447	Glioma_ScoV_0.999_Sturm_E4_Mesenchymal_RTK_I_PDFRA_DN
3	-19.27	NULL	317	Cancer_SPANG_BCL6-index2
4	-18.55	NULL	589	Colon_CancerLembcke_TCGA-expr_kmeans_E_CIMP_H_UP_Cluster4_DN
5	-15.76	NULL	102	Reference:Gyration:CD4+Treg_B-cells
6	-15.36	NULL	265	GSEA C2MALLACE_PROSTATE_CANCER_RACE_UP
7	-15.27	NULL	223	GSEA C2MCLACHLAN_DENTAL_CARIES_UP
8	-15.17	NULL	269	Glioma_ScoV_0.5_Sturm_C3_Mesenchymal_DN
9	-14.7	NULL	480	Cancer_Lembcke_Colonc_Inflammation
10	-14.36	NULL	219	GSEA C2MCLACHLAN_DENTAL_CARIES_DN
11	-14.35	NULL	194	GSEA C2JAATINEN_HEMATOPOIETIC_STEM_CELL_DN
12	-14.32	NULL	255	GSEA C2HELLER_SILENCED_BY_METHYLATION_UP
13	-13.69	NULL	90	GSEA C2BASSO_CD40_SIGNALING_UP
14	-13.62	NULL	516	GSEA C2SMID_BREAST_CANCER_LUMINAL_B_DN
15	-13.61	NULL	190	HM_HALLMARK_TNFA_SIGNALING_VIA_NFKB
16	-13.53	NULL	429	GSEA C2SMID_BREAST_CANCER_NORMAL_LIKE_UP
17	-13.53	NULL	404	GSEA C2RUTELLA_RESPONSE_TO_HGF_UP
18	-13.33	NULL	186	Cancer_SPANG_LPS-index2
19	-12.87	NULL	236	GSEA C2L_INDUCED_T_TO_NATURAL_KILLER_UP
20	-12.38	NULL	229	GSEA C2OI_PLASMACYTOMA_UP

p-values

