

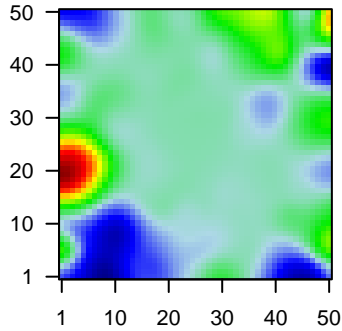
MPI-014

Global Summary

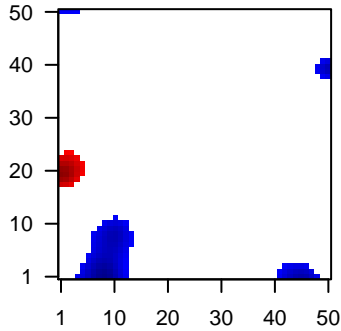
%DE = 0.05
 # genes with fdr < 0.2 = 675 (383 + / 292 -)
 # genes with fdr < 0.1 = 471 (274 + / 197 -)
 # genes with fdr < 0.05 = 408 (245 + / 163 -)
 # genes with fdr < 0.01 = 273 (164 + / 109 -)
 # genes in genesets = 13152

<FC> = 0
 <t-score> = 0.02
 <p-value> = 0.25
 <fdr> = 0.95

Portrait



Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	fdr p-value	Description Metagene
1	AFFX-HUMR	2.41	2e-16 2e-13	49 x 47 microRNA 3687-2 [Source:HGNC Symbol;Acc:HGNC:50835]
2	AFFX-r2-Hs1	2.22	2e-16 2e-13	49 x 47
3	AFFX-r2-Hs1	2.81	2e-16 2e-13	49 x 47
4	204118_at	-1.16	2e-16 2e-13	11 x 13 CD48 molecule [Source:HGNC Symbol;Acc:HGNC:1683]
5	206150_at	-1.42	2e-16 2e-13	49 x 38 CD27 molecule [Source:HGNC Symbol;Acc:HGNC:11922]
6	209823_x_at	-1.56	2e-16 2e-13	2 x 8 major histocompatibility complex, class II, DQ beta 1 [Source:HGNC Symbol;Acc:HGNC:10725]
7	211656_x_at	-1.74	2e-16 2e-13	2 x 9 major histocompatibility complex, class II, DQ beta 1 [Source:HGNC Symbol;Acc:HGNC:10725]
8	212592_at	-2.02	2e-16 2e-13	45 x 49 joining chain of multimeric IgA and IgM [Source:HGNC Symbol;Acc:HGNC:10725]
9	214669_x_at	-2.35	2e-16 2e-13	0 x 3
10	214677_x_at	0.85	2e-16 2e-13	41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:HGNC:10725]
11	214836_x_at	-1.93	2e-16 2e-13	0 x 3
12	215121_x_at	1.03	2e-16 2e-13	41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:HGNC:10725]
13	215379_x_at	1.12	2e-16 2e-13	41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:HGNC:10725]
14	216984_x_at	2.52	2e-16 2e-13	10 x 5
15	217179_x_at	2.26	2e-16 2e-13	11 x 5
16	217469_at	2.4	2e-16 2e-13	49 x 20 immunoglobulin heavy constant epsilon [Source:HGNC Symbol;Acc:HGNC:10725]
17	219259_at	-1.57	2e-16 2e-13	6 x 3 semaphorin 4A [Source:HGNC Symbol;Acc:HGNC:10729]
18	221651_x_at	-3.14	2e-16 2e-13	0 x 3 immunoglobulin kappa constant [Source:HGNC Symbol;Acc:HGNC:10725]
19	221671_x_at	-2.8	2e-16 2e-13	0 x 3 immunoglobulin kappa constant [Source:HGNC Symbol;Acc:HGNC:10725]
20	203789_s_at	2.15	4e-16 5e-12	13 x 2 semaphorin 3C [Source:HGNC Symbol;Acc:HGNC:10725]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	11.69	NULL	7833	Chromatin state: active enhancer peripheral blood_1_TssA
2	10.87	NULL	8406	Chromatin state: active enhancer peripheral blood_2_TssAFlnk
3	9.8	NULL	18	Lymphocyte differentiation
4	9.77	NULL	8641	Chromatin state: active enhancer ESC_Endoderm
5	9.59	NULL	8370	Chromatin state: active enhancer killer cells peripheral blood_2_TssAFlnk
6	9.21	NULL	319	Melanoma cell lines
7	9.13	NULL	8816	Chromatin state: active enhancer cells peripheral blood_2_TssAFlnk
8	9.11	NULL	85	Lymphocyte differentiation
9	9.08	NULL	8322	Chromatin state: active enhancer naive cells peripheral blood_1_TssA
10	9.02	NULL	8068	Chromatin state: active enhancer cells peripheral blood_1_TssA
11	9.01	NULL	8766	Chromatin state: active enhancer Melanocytes
12	8.74	NULL	9160	Chromatin state: active enhancer Neuronal_Progenitor
13	8.52	NULL	8200	Chromatin state: active enhancer peripheral blood_2_TssAFlnk
14	8.52	NULL	7751	Chromatin state: active enhancer killer cells peripheral blood_1_TssA
15	8.46	NULL	47	GSEA C7:RICKMAN_HEAD_AND_NECK_CANCER_F
16	8.45	NULL	9544	Chromatin state: active enhancer TssAFlnk
17	8.33	NULL	8918	Chromatin state: active enhancer ESC_Mesoderm
18	8.27	NULL	5620	Chromatin state: active enhancer Colon
19	8.25	NULL	6068	Chromatin state: active enhancer ESC_Endoderm
20	8.24	NULL	8431	Chromatin state: active enhancer naive cells peripheral blood_2_TssAFlnk
<i>Underexpressed</i>				
1	-15.33	NULL	17	BP antigen processing and presentation of peptide or polysaccharide antigen fragments
2	-15.17	NULL	18	CC MHC class II protein complex
3	-12.8	NULL	12	MF MHC class II receptor activity
4	-12.54	NULL	23	CC integral component of luminal side of endoplasmic reticulum membrane
5	-12	NULL	214	Lymphocyte differentiation
6	-11.65	NULL	40	BP antigen processing and presentation
7	-10.71	NULL	22	MF peptide antigen binding
8	-10.54	NULL	28	CC clathrin-coated endocytic vesicle membrane
9	-9.88	NULL	336	BP immune response
10	-9.78	NULL	176	GSEA C2:PICCALUGA_ANGIOIMMUNOBLASTIC_LYMPHOMA_UP
11	-9.22	NULL	139	Chr Chr 21
12	-9.12	NULL	431	BP immune system process
13	-9	NULL	51	CC ER to Golgi transport vesicle membrane
14	-8.91	NULL	335	GSEA C2:SCHUETZ_BREAST_CANCER_DUCTAL_INVASIVE_UP
15	-8.38	NULL	36	CC transport vesicle membrane
16	-7.99	NULL	9	GSEA C2:REACTOME_TRANSLOCATION_OF_ZAP_70_TO_IMMUNOLOGICAL_ACTIVATION
17	-7.98	NULL	33	Melanoma cell lines
18	-7.98	NULL	60	BP T cell costimulation
19	-7.77	NULL	66	BP interferon-gamma-mediated signaling pathway
20	-7.59	NULL	8	Immunity_HLA-class-II

p-values

