

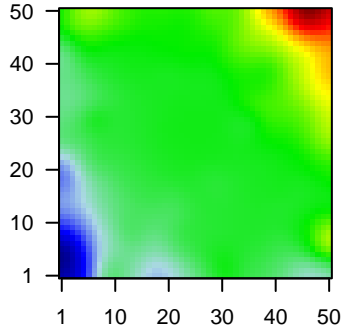
# MPI-055

## Global Summary

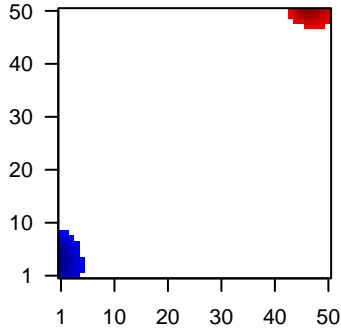
%DE = 0.05  
 # genes with fdr < 0.2 = 575 ( 246 + / 329 - )  
 # genes with fdr < 0.1 = 460 ( 194 + / 266 - )  
 # genes with fdr < 0.05 = 376 ( 161 + / 215 - )  
 # genes with fdr < 0.01 = 237 ( 102 + / 135 - )  
  
 # genes in genesets = 13152

<FC> = 0  
 <t-score> = 0.1  
 <p-value> = 0.25  
 <fdr> = 0.95

Portrait



Regulated Metagenes



## Global Genelist

| Rank | ID          | log(FC) | fdr   | p-value | Description   |
|------|-------------|---------|-------|---------|---|
| 1    | 211430_s_at | -1.03   | 2e-16 | 8e-13   | 0 x 4 immunoglobulin heavy constant gamma 2 (G2m marker) [Source:HGNC Symbol;Acc:HGNC:10000]    |
| 2    | 211675_s_at | -1.44   | 2e-16 | 8e-13   | 0 x 5 MyoD family inhibitor domain containing [Source:HGNC Symbol;Acc:HGNC:10000]               |
| 3    | 212288_at   | -1.12   | 2e-16 | 8e-13   | 0 x 5 formin binding protein 1 [Source:HGNC Symbol;Acc:HGNC:10000]                              |
| 4    | 215176_x_at | 1.66    | 2e-16 | 8e-13   | 10 x 5 immunoglobulin kappa variable 1-39 (gene/pseudogene) [Source:HGNC Symbol;Acc:HGNC:10000] |
| 5    | 217022_s_at | -1.77   | 2e-16 | 8e-13   | 0 x 2 immunoglobulin heavy constant alpha 2 (A2m marker) [Source:HGNC Symbol;Acc:HGNC:10000]    |
| 6    | 218872_at   | -1.93   | 2e-16 | 8e-13   | 0 x 5 tesscalcin [Source:HGNC Symbol;Acc:HGNC:26065]  |
| 7    | 39318_at    | 1.05    | 4e-16 | 2e-12   | 46 x 49 T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HGNC:10000]                         |
| 8    | 38037_at    | 1.98    | 7e-16 | 5e-12   | 45 x 49 heparin binding EGF like growth factor [Source:HGNC Symbol;Acc:HGNC:10000]              |
| 9    | 204249_s_at | -1.13   | 7e-16 | 5e-12   | 2 x 4 LIM domain only 2 [Source:HGNC Symbol;Acc:HGNC:6642]                                      |
| 10   | 204914_s_at | 1.97    | 7e-16 | 5e-12   | 45 x 49 SRY-box 11 [Source:HGNC Symbol;Acc:HGNC:11191]  |
| 11   | 204913_s_at | 1.97    | 9e-16 | 9e-12   | 45 x 49 SRY-box 11 [Source:HGNC Symbol;Acc:HGNC:11191]  |
| 12   | 205242_at   | -1.22   | 1e-15 | 9e-12   | 0 x 3 C-X-C motif chemokine ligand 13 [Source:HGNC Symbol;Acc:HGNC:10000]                       |
| 13   | 215379_x_at | -0.88   | 2e-15 | 2e-11   | 41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:HGNC:10000]                    |
| 14   | 210916_s_at | -1.24   | 3e-15 | 2e-11   | 0 x 4 CD44 molecule (Indian blood group) [Source:HGNC Symbol;Acc:HGNC:10000]                    |
| 15   | 209995_s_at | 1.13    | 4e-15 | 7e-11   | 46 x 49 T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HGNC:10000]                         |
| 16   | 201909_at   | 1.22    | 9e-15 | 7e-11   | 43 x 49 ribosomal protein S4, Y-linked 1 [Source:HGNC Symbol;Acc:HGNC:10000]                    |
| 17   | 219737_s_at | 1.9     | 1e-14 | 6e-10   | 46 x 49 protocadherin 9 [Source:HGNC Symbol;Acc:HGNC:8661]                                      |
| 18   | 212014_x_at | -0.99   | 4e-14 | 7e-10   | 0 x 4 CD44 molecule (Indian blood group) [Source:HGNC Symbol;Acc:HGNC:10000]                    |
| 19   | 210563_x_at | -1      | 8e-14 | 7e-10   | 0 x 4 CASP8 and FADD like apoptosis regulator [Source:HGNC Symbol;Acc:HGNC:10000]               |
| 20   | 208456_s_at | -1.47   | 1e-13 | 7e-10   | 0 x 7 RAS related 2 [Source:HGNC Symbol;Acc:HGNC:17271]   |

## Global Geneset Analysis

| Rank                  | GSZ    | p-value | #all | Geneset   |
|-----------------------|--------|---------|------|---|
| <i>Overexpressed</i>  |        |         |      |   |
| 1                     | 20.71  | NULL    | 5456 | Chromatin state:Neuronal_Progenitor                         |
| 2                     | 19.68  | NULL    | 1527 | GSEA C2P_UJANA_BRCA1_PCC_NETWORK                            |
| 3                     | 19.52  | NULL    | 726  | GSEA C2P_UJANA_CHEK2_PCC_NETWORK                            |
| 4                     | 17.49  | NULL    | 4683 | Chromatin state:fetal_midbrain_HetRpts                      |
| 5                     | 17.33  | NULL    | 966  | GSEA C2KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP               |
| 6                     | 17.28  | NULL    | 6068 | Chromatin state:ESC_Endoderm                                |
| 7                     | 17.2   | NULL    | 99   | Lymphoma:Sha_BL_UP  |
| 8                     | 17.12  | NULL    | 7225 | Chromatin state:fetal_midbrain_ReprPC                       |
| 9                     | 16.39  | NULL    | 575  | GSEA C2CAIRO_HEPATOBLASTOMA_CLASSES_UP                      |
| 10                    | 16.38  | NULL    | 5529 | Lymphoma:OPP_Txn_elongation                                 |
| 11                    | 16.2   | NULL    | 319  | Melanoma:Berber_wt/wt_melanoma-cells-SpotA                  |
| 12                    | 16.16  | NULL    | 6099 | Chromatin state:Txn   |
| 13                    | 16.09  | NULL    | 4528 | Chromatin state:naive_cells_peripheral_blood_4_Tx           |
| 14                    | 15.52  | NULL    | 6389 | Chromatin state:ESC_Mesoderm                                |
| 15                    | 15.46  | NULL    | 1052 | GSEA C2DODD_NASOPHARYNGEAL_CARINOMA_DN                      |
| 16                    | 15.42  | NULL    | 400  | GSEA C2P_UJANA_BRCA2_PCC_NETWORK                            |
| 17                    | 15.3   | NULL    | 42   | GSEA C2HUMMEL_BURKITT'S_LYMPHOMA_UP                         |
| 18                    | 14.5   | NULL    | 5753 | Chromatin state:peripheral_blood_4_Tx                       |
| 19                    | 14.36  | NULL    | 5716 | Chromatin state:peripheral_blood_4_Tx                       |
| 20                    | 14.32  | NULL    | 1161 | MF RNA binding  |
| <i>Underexpressed</i> |        |         |      |   |
| 1                     | -22.25 | NULL    | 85   | Lymphoma:Sha_DLCL UP  |
| 2                     | -21.5  | NULL    | 317  | Cancer SPANG_BCL6-index2                                    |
| 3                     | -17.83 | NULL    | 447  | Glioma ScoV_0.999_Sturm_E4_Mesenchymal_RTK_I_PDGFR_A_DN     |
| 4                     | -17.5  | NULL    | 589  | Colon Cancer:cbcke_TCGA-expr_kmeans_E_CIMP_H_UP_Cluster4_DN |
| 5                     | -14.1  | NULL    | 269  | Glioma ScoV_0.5_Sturm_C3_Mesenchymal_DN                     |
| 6                     | -14.03 | NULL    | 223  | GSEA C2MCLACHLAN_DENTAL_CARIES_UP                           |
| 7                     | -13.99 | NULL    | 14   | GSEA C2HUMMEL_BURKITT'S_LYMPHOMA_DN                         |
| 8                     | -13.67 | NULL    | 186  | Cancer SPANG_LPS-index2                                     |
| 9                     | -13.36 | NULL    | 102  | Reference:Sturm_HetRpts B-cells                             |
| 10                    | -13.2  | NULL    | 2507 | Chromatin state:fetal_Lobe_ReprPC                           |
| 11                    | -13.1  | NULL    | 1930 | Chromatin state:Essa  |
| 12                    | -13.02 | NULL    | 90   | GSEA C2BASSO_CD40_SIGNALING_UP                              |
| 13                    | -12.45 | NULL    | 166  | HM HALLMARK_INTERFERON_GAMMA_RESPONSE                       |
| 14                    | -12.33 | NULL    | 190  | HM HALLMARK_TNFA_SIGNALING_VIA_NFKB                         |
| 15                    | -12.2  | NULL    | 71   | Melanoma:Tirosin_Macrophage_specific_genes-melanoma         |
| 16                    | -12.16 | NULL    | 12   | Lymphoma:ENTINK_mBL DOWN                                    |
| 17                    | -12.07 | NULL    | 219  | GSEA C2MCLACHLAN_DENTAL_CARIES_DN                           |
| 18                    | -12.02 | NULL    | 288  | Colon Cancer:track_CRC_TCGA_corr_J_msi-h_UP_mss_DN          |
| 19                    | -12.01 | NULL    | 1676 | Chromatin state:ExTrans                                     |
| 20                    | -11.98 | NULL    | 323  | BP inflammatory response                                    |

p-values

