

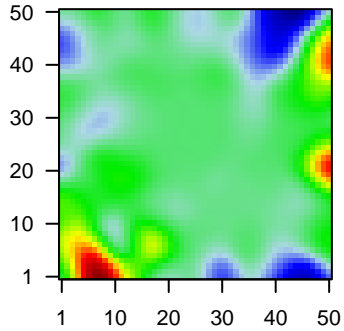
# MPI-025

## Global Summary

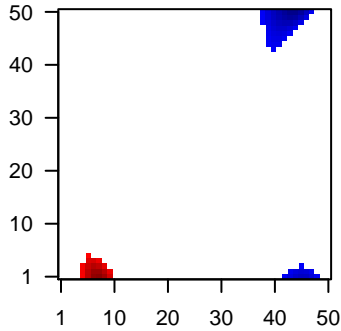
%DE = 0.06  
 # genes with fdr < 0.2 = 688 ( 407 + / 281 - )  
 # genes with fdr < 0.1 = 487 ( 294 + / 193 - )  
 # genes with fdr < 0.05 = 402 ( 242 + / 160 - )  
 # genes with fdr < 0.01 = 227 ( 127 + / 100 - )  
 # genes in genesets = 13152

<FC> = 0  
 <t-score> = -0.04  
 <p-value> = 0.24  
 <fdr> = 0.94

### Portrait



### Regulated Metagenes



## Global Genelist

| Rank | ID          | log(FC) | fdr   | p-value | Description   |
|------|-------------|---------|-------|---------|---|
| 1    | 39318_at    | -1.81   | 2e-16 | 2e-13   | 46 x 49 T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HGNC:1645]                  |
| 2    | 44790_s_at  | -1.67   | 2e-16 | 2e-13   | 42 x 49 RUN and cysteine rich domain containing beclin 1 interacting                    |
| 3    | 203865_s_at | 2.33    | 2e-16 | 2e-13   | 49 x 39 adenosine deaminase, RNA specific B1 [Source:HGNC Symbol;Acc:HGNC:1645]         |
| 4    | 204259_at   | 2.49    | 2e-16 | 2e-13   | 6 x 3 matrix metallopeptidase 7 [Source:HGNC Symbol;Acc:HGNC:1645]                      |
| 5    | 204562_at   | -1.43   | 2e-16 | 2e-13   | 0 x 20 interferon regulatory factor 4 [Source:HGNC Symbol;Acc:HGNC:1645]                |
| 6    | 206310_at   | 2.54    | 2e-16 | 2e-13   | 17 x 6 serine peptidase inhibitor, Kazal type 2 [Source:HGNC Symbol;Acc:HGNC:1645]      |
| 7    | 208650_s_at | -1.51   | 2e-16 | 2e-13   | 44 x 49 CD24 molecule [Source:HGNC Symbol;Acc:HGNC:1645]                                |
| 8    | 209138_x_at | -1.44   | 2e-16 | 2e-13   | 41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:HGNC:1645]             |
| 9    | 209374_s_at | -1.8    | 2e-16 | 2e-13   | 0 x 22 immunoglobulin heavy constant mu [Source:HGNC Symbol;Acc:HGNC:1645]              |
| 10   | 209771_x_at | -1.8    | 2e-16 | 2e-13   | 44 x 49 CD24 molecule [Source:HGNC Symbol;Acc:HGNC:1645]                                |
| 11   | 209995_s_at | -1.97   | 2e-16 | 2e-13   | 46 x 49 T cell leukemia/lymphoma 1A [Source:HGNC Symbol;Acc:HGNC:1645]                  |
| 12   | 212592_at   | -1.65   | 2e-16 | 2e-13   | 45 x 49 joining chain of multimeric IgA and IgM [Source:HGNC Symbol;Acc:HGNC:1645]      |
| 13   | 212827_at   | -1.75   | 2e-16 | 2e-13   | 41 x 44 immunoglobulin heavy constant mu [Source:HGNC Symbol;Acc:HGNC:1645]             |
| 14   | 214677_x_at | -1.19   | 2e-16 | 2e-13   | 41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:HGNC:1645]             |
| 15   | 215121_x_at | -1.4    | 2e-16 | 2e-13   | 41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:HGNC:1645]             |
| 16   | 215379_x_at | -1.85   | 2e-16 | 2e-13   | 41 x 42 immunoglobulin lambda constant 2 [Source:HGNC Symbol;Acc:HGNC:1645]             |
| 17   | 216379_x_at | -1.56   | 2e-16 | 2e-13   | 44 x 49 CD24 molecule [Source:HGNC Symbol;Acc:HGNC:1645]                                |
| 18   | 218872_at   | -1.9    | 2e-16 | 2e-13   | 0 x 5 tesscalcin [Source:HGNC Symbol;Acc:HGNC:26065]                                    |
| 19   | 219471_at   | -1.7    | 2e-16 | 2e-13   | 42 x 49 RUN and cysteine rich domain containing beclin 1 interacting                    |
| 20   | 221286_s_at | -1.9    | 2e-16 | 2e-13   | 42 x 47 marginal zone B and B1 cell specific protein [Source:HGNC Symbol;Acc:HGNC:1645] |

## Global Geneset Analysis

| Rank                  | GSZ    | p-value | #all | Geneset  |
|-----------------------|--------|---------|------|--|
| <i>Overexpressed</i>  |        |         |      |  |
| 1                     | 13.41  | NULL    | 214  | Lymphoma_T1ENZ_Stromal signature 1   |
| 2                     | 11.24  | NULL    | 3906 | Chromatin_state6_MSC_Adipocyte   |
| 3                     | 10.92  | NULL    | 335  | GSEA C2SCHUETZ_BREAST_CANCER_DUCTAL_INVASIVE_UP                            |
| 4                     | 10.87  | NULL    | 2626 | Chromatin_state6_ZNFs_Rpts_ESC_Mesoderm                                    |
| 5                     | 10.52  | NULL    | 132  | Colon_Cancer_ZNFs_Rpts_ESC-cluster-a                                       |
| 6                     | 10.28  | NULL    | 404  | GSEA C2RUTELLA_RESPONSE_TO_HGF_UP  |
| 7                     | 10.2   | NULL    | 906  | Lymphoma_T1ENGPANG_BCR DN  |
| 8                     | 9.99   | NULL    | 63   | GSEA C2ANASTASSIOU_CANCER_MESENCHYMAL_TRANSITION_SIGNATURE                 |
| 9                     | 9.97   | NULL    | 6244 | Chromatin_state6_Mes_Fibroblasts   |
| 10                    | 9.44   | NULL    | 6034 | Chromatin_state6_Mes_Fibroblasts   |
| 11                    | 9.28   | NULL    | 6582 | Chromatin_state6_Mes_Colon   |
| 12                    | 9.23   | NULL    | 6466 | Chromatin_state6_Mes_MSC_Adipocyte   |
| 13                    | 9.1    | NULL    | 4683 | Chromatin_state6_Mes_fetal_midbrain_HetRpts                                |
| 14                    | 8.86   | NULL    | 138  | GSEA C2VECCHI_GASTRIC_CANCER_ADVANCED_VS_EARLY_UP                          |
| 15                    | 8.82   | NULL    | 7066 | Chromatin_state6_Mes_fetal_midbrain_ReprPCWk                               |
| 16                    | 8.78   | NULL    | 6114 | Chromatin_state6_Mes_Fibroblasts   |
| 17                    | 8.58   | NULL    | 327  | GSEA C2RUTELLA_RESPONSE_TO_CSF2RB_AND_IL4_UP                               |
| 18                    | 8.57   | NULL    | 2325 | Chromatin_state6_Mes_ZNFs  |
| 19                    | 8.52   | NULL    | 3554 | Chromatin_state6_ZNFs_Rpts_ESC_Endoderm                                    |
| 20                    | 8.51   | NULL    | 6643 | Chromatin_state6_Mes_Skeletal_Muscle                                       |
| <i>Underexpressed</i> |        |         |      |  |
| 1                     | -11.45 | NULL    | 32   | Reference_C2Signature_1_1_Plasma Cells                                     |
| 2                     | -11.06 | NULL    | 44   | MF_antigen binding   |
| 3                     | -9.99  | NULL    | 244  | GSEA C2KOBAYASHI_EGFR_SIGNALING_24HR_DN                                    |
| 4                     | -9.76  | NULL    | 16   | MF_immunoglobulin receptor binding   |
| 5                     | -9.72  | NULL    | 280  | GSEA C2MANALO_HYPOXIA_DN   |
| 6                     | -9.48  | NULL    | 254  | GSEA C2OUTERTRE ESTRADIOL_RESPONSE_24HR_UP                                 |
| 7                     | -9.46  | NULL    | 99   | Lymphoma_O4a_BL UP   |
| 8                     | -9.36  | NULL    | 319  | Melanoma_Gerber_wt/wt_melanoma-cells-SpotA                                 |
| 9                     | -9.28  | NULL    | 115  | Glioma_WILLSCHER_GBM_Verhaak-CL_up (C)                                     |
| 10                    | -9.18  | NULL    | 14   | Cancer_SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_UP                              |
| 11                    | -9.09  | NULL    | 11   | MF_peptidoglycan binding   |
| 12                    | -8.93  | NULL    | 84   | GSEA C2GRAHAM_NORMAL QUIESCENT_VS_NORMAL_DIVIDING_DN                       |
| 13                    | -8.82  | NULL    | 137  | GSEA C2ROSTY_CERVICAL_CANCER_PROLIFERATION_CLUSTER                         |
| 14                    | -8.63  | NULL    | 93   | GSEA C2CROONQUIST_IL6_DEPRIVATION_DN                                       |
| 15                    | -8.62  | NULL    | 79   | Melanoma_Mirosh_core cycling genes in low- and high-proliferation melanoma |
| 16                    | -8.45  | NULL    | 192  | Lymphoma_O4a_Dark zone signature   |
| 17                    | -8.3   | NULL    | 431  | GSEA C2SOBERT_OLIGODENDROCYTE_DIFFERENTIATION_UP                           |
| 18                    | -8.08  | NULL    | 575  | GSEA C2CAIRO_HEPATOBLASTOMA_CLASSES_UP                                     |
| 19                    | -7.94  | NULL    | 187  | HM_HALLMARK_E2F_TARGETS  |
| 20                    | -7.87  | NULL    | 728  | GSEA C2GRIGE_RESPONSE_TO_TOSEDOSTAT_24HR_DN                                |

### p-values

