

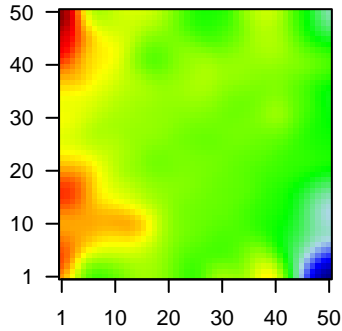
GW_093

Global Summary

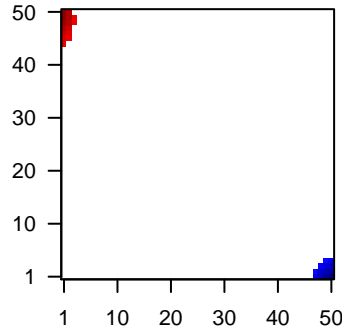
%DE = 0.13
 # genes with fdr < 0.2 = 1626 (875 + / 751 -)
 # genes with fdr < 0.1 = 1255 (681 + / 574 -)
 # genes with fdr < 0.05 = 1050 (572 + / 478 -)
 # genes with fdr < 0.01 = 708 (409 + / 299 -)
 # genes in genesets = 16332

<FC> = 0
 <shrinkage-t> = 0
 <p-value> = 0.11
 <fdr> = 0.87

Profile



Regulated Spots



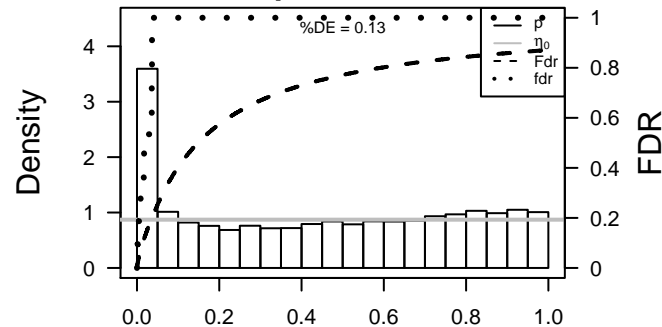
Global Genelist

| Rank | ID | log(FC) | fdr | p-value | Description |
|------|--------|---------|-------|---------|--|
| 1 | 131 | -1.94 | 2e-16 | 4e-14 | 1 x 50 alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide |
| 2 | 216 | -1.54 | 2e-16 | 4e-14 | 50 x 50 aldehyde dehydrogenase 1 family, member A1 [Source:HGNC] |
| 3 | 222 | 1.29 | 2e-16 | 4e-14 | 1 x 49 aldehyde dehydrogenase 3 family, member B2 [Source:HGNC] |
| 4 | 242 | 1.76 | 2e-16 | 4e-14 | 1 x 48 arachidonate 12-lipoxygenase, 12R type [Source:HGNC Syn] |
| 5 | 144193 | 1.36 | 2e-16 | 4e-14 | 15 x 50 amidohydrolase domain containing 1 [Source:HGNC Symbol; |
| 6 | 164284 | 1.34 | 2e-16 | 4e-14 | 1 x 3 adenomatosis polyposis coli down-regulated 1-like [Source:t |
| 7 | 55971 | 1.43 | 2e-16 | 4e-14 | 13 x 50 BAI1-associated protein 2-like 1 [Source:HGNC Symbol;Acc |
| 8 | 387695 | 1.58 | 2e-16 | 4e-14 | 1 x 49 chromosome 10 open reading frame 99 [Source:HGNC Synt |
| 9 | 260436 | -1.32 | 2e-16 | 4e-14 | 50 x 1 follicular dendritic cell secreted protein [Source:HGNC Symbc |
| 10 | 51806 | -1.6 | 2e-16 | 4e-14 | 4 x 50 calmodulin-like 5 [Source:HGNC Symbol;Acc:18180] |
| 11 | 57172 | -1.47 | 2e-16 | 4e-14 | 49 x 1 calcium/calmodulin-dependent protein kinase IG [Source:HG |
| 12 | 857 | 1.48 | 2e-16 | 4e-14 | 1 x 4 caveolin 1, caveolae protein, 22kDa [Source:HGNC Symbol;A |
| 13 | 972 | -1.29 | 2e-16 | 4e-14 | 50 x 1 CD74 molecule, major histocompatibility complex, class II inv |
| 14 | 4680 | 1.39 | 2e-16 | 4e-14 | 1 x 50 carcinoembryonic antigen-related cell adhesion molecule 6 (i |
| 15 | 84518 | 1.64 | 2e-16 | 4e-14 | 1 x 50 cornifelin [Source:HGNC Symbol;Acc:30183] |
| 16 | 26047 | -1.35 | 2e-16 | 4e-14 | 50 x 50 contactin associated protein-like 2 [Source:HGNC Symbol;Ar |
| 17 | 49860 | 1.73 | 2e-16 | 4e-14 | 1 x 50 cornulin [Source:HGNC Symbol;Acc:1230] |
| 18 | 126410 | 1.86 | 2e-16 | 4e-14 | 1 x 49 cytochrome P450, family 4, subfamily F, polypeptide 22 [Sour |
| 19 | 92196 | -1.62 | 2e-16 | 4e-14 | 3 x 50 death associated protein-like 1 [Source:HGNC Symbol;Acc:2 |
| 20 | 414325 | 1.41 | 2e-16 | 4e-14 | 1 x 48 defensin, beta 103B [Source:HGNC Symbol;Acc:31702] |

Global Geneset Analysis

| Rank | GSZ | p-value | #all | Geneset |
|-----------------------|--------|---------|------|---|
| <i>Overexpressed</i> | | | | |
| 1 | 14.2 | NULL | 572 | Disease GUDJ_psooriasis up |
| 2 | 13.96 | NULL | 21 | CC cornified envelope |
| 3 | 13.94 | NULL | 135 | H.Tiss WIRTH_Mucosa |
| 4 | 11.79 | NULL | 42 | BP keratinization |
| 5 | 11.29 | NULL | 743 | Chr Chr 7 |
| 6 | 9.55 | NULL | 53 | BP keratinocyte differentiation |
| 7 | 9.21 | NULL | 1135 | Chr Chr 19 |
| 8 | 8.76 | NULL | 76 | BP epidermis development |
| 9 | 8.18 | NULL | 19 | BP peptide cross-linking |
| 10 | 7.29 | NULL | 16 | GSEA C2HUPER_BREAST_BASAL_VS_LUMINAL_UP |
| 11 | 7.02 | NULL | 918 | Chr Chr 17 |
| 12 | 6.57 | NULL | 699 | Chr Chr 5 |
| 13 | 6.56 | NULL | 16 | GSEA C2ONDER_CDH1_TARGETS_3_DN |
| 14 | 6.33 | NULL | 13 | GSEA C2RICKMAN_HEAD_AND_NECK_CANCER_C |
| 15 | 6.2 | NULL | 15 | GSEA C2HOOI_ST7_TARGETS_UP |
| 16 | 6.19 | NULL | 11 | GSEA C2MIDORIKAWA_AMPLIFIED_IN_LIVER_CANCER |
| 17 | 5.8 | NULL | 16 | GSEA C2SENGUPTA_NASOPHARYNGEAL_CARCINOMA_DN |
| 18 | 5.77 | NULL | 14 | GSEA C2PROVENZANI_METASTASIS_DN |
| 19 | 5.63 | NULL | 7 | MMML C6SCIEJ_MMML_9 |
| 20 | 5.41 | NULL | 10 | GSEA C2AUJLA_IL22_AND_IL17A_SIGNALING |
| <i>Underexpressed</i> | | | | |
| 1 | -12.46 | NULL | 602 | Chr Chr 10 |
| 2 | -11.9 | NULL | 417 | H.Tiss WIRTH_Immune system |
| 3 | -9.27 | NULL | 866 | Chr Chr 12 |
| 4 | -8.36 | NULL | 15 | CC MHC class II protein complex |
| 5 | -7.33 | NULL | 312 | BP immune response |
| 6 | -6.74 | NULL | 553 | Cancer Lembecke_Colonc Inflammation |
| 7 | -6.62 | NULL | 47 | BP antigen processing and presentation |
| 8 | -6.13 | NULL | 162 | CC external side of plasma membrane |
| 9 | -5.96 | NULL | 327 | Lymphoma SPANG_CD40 6hrs UP |
| 10 | -5.93 | NULL | 7 | GSEA C2GRAHAM_CML_DIVIDING_VS_NORMAL_DIVIDING_DN |
| 11 | -5.87 | NULL | 280 | Chr Chr 13 |
| 12 | -5.83 | NULL | 74 | BP regulation of immune response |
| 13 | -5.8 | NULL | 16 | GSEA C2KORKOLA_TERATOMA_UP |
| 14 | -5.47 | NULL | 8 | Glio Donson-migration tethering and rolling-associated with LTS in HG |
| 15 | -5.45 | NULL | 717 | Chr Chr 16 |
| 16 | -5.4 | NULL | 12 | GSEA C2BIOCARTA_CTL_PATHWAY |
| 17 | -5.33 | NULL | 187 | Chr Chr 21 |
| 18 | -5.32 | NULL | 84 | BP T cell receptor signaling pathway |
| 19 | -5.29 | NULL | 16 | GSEA C2RICKMAN_HEAD_AND_NECK_CANCER_D |
| 20 | -5.28 | NULL | 11 | GSEA C2BIOCARTA_TCYTOTOXIC_PATHWAY |

p-values



GW_093

Local Summary

%DE = 0.83
 # metagenes = 15
 # genes = 234
 # genes in genesets = 229

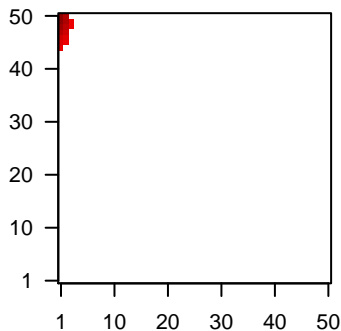
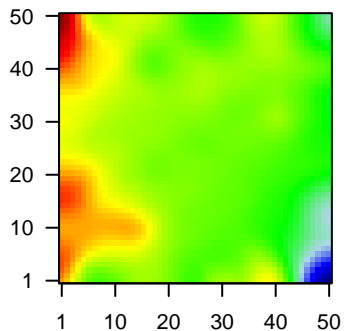
genes with $fdr < 0.1$ = 162 (132 + / 30 -)
 # genes with $fdr < 0.05$ = 162 (132 + / 30 -)
 # genes with $fdr < 0.01$ = 141 (119 + / 22 -)

<r> metagenes = 0.93
 <r> genes = 0.42

<FC> = 0.5
 <shrinkage-t> = 17.74
 <p-value> = 0
 <fdr> = 0.32

Profile

Spot



Local Genelist

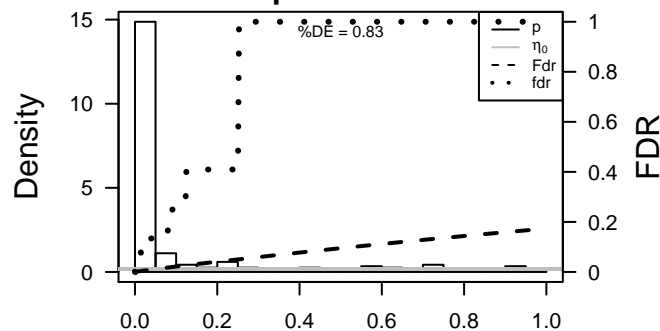
| Rank | ID | log(FC) | fdr | p-value | Description |
|------|--------|---------|-------|---------|--|
| 1 | 131 | -1.94 | 2e-16 | 2e-16 | 1 x 50 alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide |
| 2 | 222 | 1.29 | 2e-16 | 2e-16 | 1 x 49 aldehyde dehydrogenase 3 family, member B2 [Source:HGNC] |
| 3 | 242 | 1.76 | 2e-16 | 2e-16 | 1 x 48 arachidonate 12-lipoxygenase, 12R type [Source:HGNC Syrr] |
| 4 | 387695 | 1.58 | 2e-16 | 2e-16 | 1 x 49 chromosome 10 open reading frame 99 [Source:HGNC Symt] |
| 5 | 4680 | 1.39 | 2e-16 | 2e-16 | 1 x 50 carcinoembryonic antigen-related cell adhesion molecule 6 (I) |
| 6 | 84518 | 1.64 | 2e-16 | 2e-16 | 1 x 50 cornifelin [Source:HGNC Symbol;Acc:30183] |
| 7 | 49860 | 1.73 | 2e-16 | 2e-16 | 1 x 50 cornulin [Source:HGNC Symbol;Acc:1230] |
| 8 | 126410 | 1.86 | 2e-16 | 2e-16 | 1 x 49 cytochrome P450, family 4, subfamily F, polypeptide 22 [Sour] |
| 9 | 414325 | 1.41 | 2e-16 | 2e-16 | 1 x 48 defensin, beta 103B [Source:HGNC Symbol;Acc:31702] |
| 10 | 1673 | 2.59 | 2e-16 | 2e-16 | 1 x 49 defensin, beta 4B [Source:HGNC Symbol;Acc:30193] |
| 11 | 2167 | 1.5 | 2e-16 | 2e-16 | 1 x 44 fatty acid binding protein 4, adipocyte [Source:HGNC Symbol] |
| 12 | 9982 | 1.22 | 2e-16 | 2e-16 | 1 x 47 fibroblast growth factor binding protein 1 [Source:HGNC Syml] |
| 13 | 56300 | 1.38 | 2e-16 | 2e-16 | 1 x 47 interleukin 36, gamma [Source:HGNC Symbol;Acc:15741] |
| 14 | 43849 | 1.42 | 2e-16 | 2e-16 | 1 x 50 kallikrein-related peptidase 12 [Source:HGNC Symbol;Acc:6: |
| 15 | 26085 | 1.46 | 2e-16 | 2e-16 | 1 x 50 kallikrein-related peptidase 13 [Source:HGNC Symbol;Acc:6: |
| 16 | 5650 | 1.48 | 2e-16 | 2e-16 | 1 x 49 kallikrein-related peptidase 7 [Source:HGNC Symbol;Acc:63: |
| 17 | 3848 | -1.35 | 2e-16 | 2e-16 | 1 x 47 keratin 1 [Source:HGNC Symbol;Acc:6412] |
| 18 | 192666 | 1.87 | 2e-16 | 2e-16 | 1 x 50 keratin 24 [Source:HGNC Symbol;Acc:18527] |
| 19 | 3851 | -2.08 | 2e-16 | 2e-16 | 1 x 50 keratin 4 [Source:HGNC Symbol;Acc:6441] |
| 20 | 388533 | 2.28 | 2e-16 | 2e-16 | 1 x 49 keratinocyte differentiation-associated protein [Source:HGNC |

Local Geneset Analysis

Overexpression

| Rank | GSZ | p-value | #in/all | Geneset |
|------|-------|---------|-----------|---|
| 1 | 38.86 | NULL | 18 / 21 | CC cornified envelope |
| 2 | 34.73 | NULL | 78 / 135 | H.Tiss WIRTH_Mucosa |
| 3 | 31.69 | NULL | 19 / 42 | BP keratinization |
| 4 | 26.05 | NULL | 24 / 53 | BP keratinocyte differentiation |
| 5 | 24.61 | NULL | 95 / 572 | Disease GUDJ_psooriasis up |
| 6 | 21.25 | NULL | 23 / 76 | BP epidermis development |
| 7 | 20.94 | NULL | 10 / 19 | BP peptide cross-linking |
| 8 | 17.19 | NULL | 7 / 16 | GSEA C2ONDER_CDH1_TARGETS_3_DN |
| 9 | 16.28 | NULL | 9 / 16 | GSEA C2HUPER_BREAST_BASAL_VS_LUMINAL_UP |
| 10 | 16.06 | NULL | 6 / 16 | GSEA C2SENGUPTA_NASOPHARYNGEAL_CARCINOMA_DN |
| 11 | 13.75 | NULL | 6 / 15 | GSEA C2HINATA_NFKB_TARGETS_KERATINOCYTE_DN |
| 12 | 12.12 | NULL | 6 / 16 | GSEA C2WANG_BARRETTES_ESOPHAGUS_DN |
| 13 | 11.76 | NULL | 4 / 16 | GSEA C2CROMER_TUMORIGENESIS_DN |
| 14 | 10.72 | NULL | 3 / 15 | GSEA C2PYEON_CANCER_HEAD_AND_NECK_VS_CERVICAL_DN |
| 15 | 10.68 | NULL | 4 / 12 | H.Tiss WIRTH_Prim. lymphoid organs |
| 16 | 10.05 | NULL | 3 / 16 | GSEA C2AMIT_SERUM_RESPONSE_480_MCF10A |
| 17 | 9.92 | NULL | 3 / 13 | GSEA C2HAN_SATB1_TARGETS_DN |
| 18 | 9.77 | NULL | 4 / 15 | GSEA C2ZHANG_IMMORTALIZED_BY_HP31_DN |
| 19 | 9.71 | NULL | 3 / 10 | GSEA C2AUJLA_IL22_AND_IL17A_SIGNALING |
| 20 | 9.63 | NULL | 12 / 21 | CC desmosome |
| 21 | 9.54 | NULL | 3 / 15 | GSEA C2VECCHI_GASTRIC_CANCER_ADVANCED_VS_EARLY_DN |
| 22 | 9.43 | NULL | 3 / 13 | GSEA C2FARMER_BREAST_CANCER_APOCRINE_VS_LUMINAL |
| 23 | 8.89 | NULL | 3 / 16 | GSEA C2CHEOK_RESPONSE_TO_MERCAPTOPYRINE_AND_LD_MTX |
| 24 | 8.66 | NULL | 3 / 10 | GSEA C2NIKOLSKY_BREAST_CANCER_20Q12_Q13_AMPLICON |
| 25 | 8.55 | NULL | 2 / 10 | BP lipoxygenase pathway |
| 26 | 8.54 | NULL | 13 / 79 | MF serine-type endopeptidase inhibitor activity |
| 27 | 8.5 | NULL | 57 / 1182 | CC extracellular region |
| 28 | 8.35 | NULL | 5 / 23 | MF peptidase inhibitor activity |
| 29 | 8.01 | NULL | 5 / 16 | GSEA C2JAEGER_METASTASIS_DN |
| 30 | 7.98 | NULL | 26 / 186 | MF structural molecule activity |
| 31 | 7.77 | NULL | 2 / 8 | GSEA C2MCLACHLAN_DENTAL_CARIES_UP |
| 32 | 7.69 | NULL | 2 / 12 | BP linoleic acid metabolic process |
| 33 | 7.44 | NULL | 2 / 13 | GSEA C2CHARAFE_BREAST_CANCER_LUMINAL_VS_MESENCHYMAL |
| 34 | 7.4 | NULL | 3 / 16 | GSEA C2HAHTOLA_MYCOSIS_FUNGOIDES_SKIN_DN |
| 35 | 7.26 | NULL | 5 / 16 | GSEA C2COLDREN_GEFITINIB_RESISTANCE_DN |
| 36 | 7.24 | NULL | 2 / 9 | GSEA C2MCLACHLAN_DENTAL_CARIES_DN |
| 37 | 7.21 | NULL | 8 / 73 | BP defense response to bacterium |
| 38 | 7.2 | NULL | 2 / 17 | Disease BCHETNIA_EBM up |
| 39 | 7.11 | NULL | 13 / 122 | MF serine-type endopeptidase activity |
| 40 | 7.08 | NULL | 3 / 16 | GSEA C2LEE_LIVER_CANCER_ACOX1_UP |

p-values



GW_093

Local Summary

%DE = 0.98
 # metagenes = 13
 # genes = 245
 # genes in genesets = 243

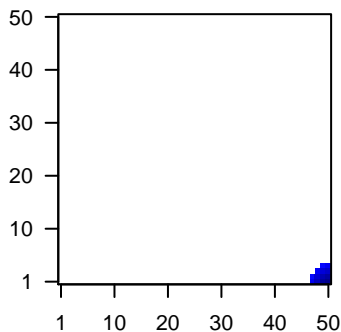
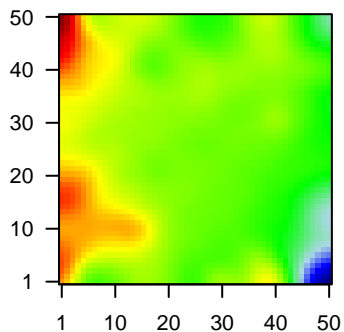
genes with $fdr < 0.1 = 230$ (4 + / 226 -)
 # genes with $fdr < 0.05 = 222$ (4 + / 218 -)
 # genes with $fdr < 0.01 = 212$ (1 + / 211 -)

$\langle r \rangle$ metagenes = 0.99
 $\langle r \rangle$ genes = 0.6

$\langle FC \rangle = -0.59$
 $\langle \text{shrinkage-t} \rangle = -20.55$
 $\langle p\text{-value} \rangle = 0$
 $\langle fdr \rangle = 0.25$

Profile

Spot



Local Genelist

| Rank | ID | log(FC) | fdr | p-value | Description |
|------|--------|---------|-------|---------|---|
| 1 | 260436 | -1.32 | 2e-16 | 1e-16 | 50 x 1 follicular dendritic cell secreted protein [Source:HGNC Symbc |
| 2 | 57172 | -1.47 | 2e-16 | 1e-16 | 49 x 1 calcium/calmodulin-dependent protein kinase IG [Source:HG |
| 3 | 972 | -1.29 | 2e-16 | 1e-16 | 50 x 1 CD74 molecule, major histocompatibility complex, class II inv. |
| 4 | 3113 | -1.62 | 2e-16 | 1e-16 | 50 x 1 major histocompatibility complex, class II, DP alpha 1 [Source |
| 5 | 3122 | -1.26 | 2e-16 | 1e-16 | 50 x 1 major histocompatibility complex, class II, DR alpha [Source:t |
| 6 | 3512 | -1.61 | 2e-16 | 1e-16 | 50 x 1 immunoglobulin J polypeptide, linker protein for immunogloblu |
| 7 | 3543 | -2.1 | 2e-16 | 1e-16 | 49 x 1 immunoglobulin lambda-like polypeptide 1 [Source:HGNC Sy |
| 8 | 3936 | -1.34 | 2e-16 | 1e-16 | 50 x 1 lymphocyte cytosolic protein 1 (L-plastin) [Source:HGNC Syr |
| 9 | 6578 | -1.28 | 2e-16 | 1e-16 | 50 x 4 solute carrier organic anion transporter family, member 2A1 [t |
| 10 | 3109 | -1.23 | 2e-15 | 2e-14 | 50 x 1 major histocompatibility complex, class II, DM beta [Source:H |
| 11 | 3108 | -1.21 | 7e-15 | 1e-13 | 50 x 1 major histocompatibility complex, class II, DM alpha [Source:l |
| 12 | 713 | -1.18 | 3e-14 | 9e-13 | 50 x 1 complement component 1, q subcomponent, B chain [Source |
| 13 | 7351 | -1.14 | 3e-13 | 9e-13 | 50 x 1 uncoupling protein 2 (mitochondrial, proton carrier) [Source:H |
| 14 | 241 | -1.12 | 5e-13 | 9e-13 | 50 x 1 arachidonate 5-lipoxygenase-activating protein [Source:HGNC |
| 15 | 51755 | -1.12 | 6e-13 | 7e-12 | 49 x 1 cyclin-dependent kinase 12 [Source:HGNC Symbol;Acc:242 |
| 16 | 3059 | -1.08 | 4e-12 | 7e-12 | 50 x 1 hematopoietic cell-specific Lyn substrate 1 [Source:HGNC S |
| 17 | 7305 | -1.08 | 4e-12 | 1e-11 | 50 x 1 TYRO protein tyrosine kinase binding protein [Source:HGNC |
| 18 | 83641 | -1.06 | 1e-11 | 1e-11 | 50 x 1 family with sequence similarity 107, member B [Source:HGNC |
| 19 | 1436 | -1.06 | 1e-11 | 1e-11 | 50 x 1 colony stimulating factor 1 receptor [Source:HGNC Symbol;A |
| 20 | 714 | -1.05 | 1e-11 | 2e-11 | 50 x 1 complement component 1, q subcomponent, C chain [Source |

Local Geneset Analysis

Underexpression

Rank GSZ p-value #in/all Geneset

| | | | | | |
|----|--------|------|----------|---|--|
| 1 | -38.5 | NULL | 12 / 15 | CC | MHC class II protein complex |
| 2 | -27.56 | NULL | 86 / 417 | H.Tiss | WIRTH_Immune system |
| 3 | -23.99 | NULL | 15 / 47 | BP | antigen processing and presentation |
| 4 | -23.21 | NULL | 86 / 553 | Cancer | Lembcke_Colonc Inflammation |
| 5 | -22.65 | NULL | 47 / 312 | BP | immune response |
| 6 | -21.39 | NULL | 3 / 6 | GSEA C2SANA_RESPONSE_TO_IFNG_UP | |
| 7 | -19.71 | NULL | 9 / 16 | GSEA C2FARMER_BREAST_CANCER_CLUSTER_1 | |
| 8 | -19.16 | NULL | 7 / 21 | CC | clathrin-coated endocytic vesicle membrane |
| 9 | -19.15 | NULL | 3 / 5 | GSEA C2WONG_ENDOMETRIAL_CANCER_LATE | |
| 10 | -18.96 | NULL | 6 / 8 | Glio | Donson-migration tethering and rolling-associated with LTS in HG |
| 11 | -18.21 | NULL | 7 / 23 | CC | integral to luminal side of endoplasmic reticulum membrane |
| 12 | -17.51 | NULL | 39 / 265 | Glio | willscher_GBM_Verhaak-CL_expression_B_up |
| 13 | -17.51 | NULL | 39 / 265 | Glio | willscher_GBM_Verhaak-MES_expression_B_up |
| 14 | -17.51 | NULL | 39 / 265 | Glio | willscher_GBM_Verhaak-PNwt_expression_B_down |
| 15 | -17.51 | NULL | 39 / 265 | Glio | willscher_GBM_Verhaak-PNmut_expression_B_down |
| 16 | -17 | NULL | 2 / 3 | GSEA C2KEGG_VIRAL_MYOCARDITIS | |
| 17 | -16.49 | NULL | 4 / 8 | GSEA C2GRAHAM_CML QUIESCENT_VS_NORMAL_DIVIDING_DN | |
| 18 | -16.31 | NULL | 7 / 28 | CC | transport vesicle membrane |
| 19 | -16.01 | NULL | 2 / 6 | GSEA C2LUI_THYROID_CANCER_CLUSTER_4 | |
| 20 | -15.95 | NULL | 6 / 11 | GSEA C2BIOCARTA_TCYTOTOXIC_PATHWAY | |
| 21 | -15.88 | NULL | 5 / 12 | BP | immunoglobulin mediated immune response |
| 22 | -15.62 | NULL | 13 / 60 | BP | T cell costimulation |
| 23 | -15.55 | NULL | 2 / 4 | GSEA C2REACTOME_CLASSICAL_ANTIBODY_MEDIATED_COMPLEMEN | |
| 24 | -15.13 | NULL | 7 / 32 | CC | ER to Golgi transport vesicle membrane |
| 25 | -15.01 | NULL | 4 / 8 | GSEA C2NIELSEN_SYNOVIAL_SARCOMA_DN | |
| 26 | -14.58 | NULL | 6 / 15 | GSEA C2FINAK_BREAST_CANCER_SDPP_SIGNATURE | |
| 27 | -14.55 | NULL | 3 / 7 | GSEA C2GRAHAM_CML_DIVIDING_VS_NORMAL_DIVIDING_DN | |
| 28 | -14.54 | NULL | 2 / 6 | GSEA C2BUDHU_LIVER_CANCER_METASTASIS_UP | |
| 29 | -14.54 | NULL | 12 / 87 | BP | antigen processing and presentation of exogenous peptide antigen |
| 30 | -14.25 | NULL | 2 / 4 | GSEA C2KEGG_LEISHMANIA_INFECTION | |
| 31 | -14.08 | NULL | 17 / 74 | BP | regulation of immune response |
| 32 | -13.83 | NULL | 2 / 4 | MMML C6SCIEJ_MMML 2 | |
| 33 | -13.77 | NULL | 2 / 5 | GSEA C2WEST_ADRENOCORTICAL_CARCINOMA_VS_ADENOMA_DN | |
| 34 | -13.77 | NULL | 8 / 35 | CC | trans-Golgi network membrane |
| 35 | -13.6 | NULL | 5 / 11 | GSEA C2BIOCARTA_THELPER_PATHWAY | |
| 36 | -13.21 | NULL | 5 / 10 | GSEA C2LEE_DIFFERENTIATING_T_LYMPHOCYTE | |
| 37 | -13.19 | NULL | 5 / 12 | GSEA C2BIOCARTA_CTL_PATHWAY | |
| 38 | -13.17 | NULL | 4 / 7 | Glio | Donson-cytotoxic effectors-associated with LTS in HGA |
| 39 | -13.08 | NULL | 5 / 12 | BP | dendritic cell chemotaxis |
| 40 | -13.07 | NULL | 13 / 84 | BP | T cell receptor signaling pathway |

p-values

