GSE17721\_LPS\_VS\_POLYIC\_8H\_BMDC\_DN, GSE17721\_LPS\_VS\_POLYIC\_8H\_BMDC\_DN HALLMARK ADIPOGENESIS, HALLMARK ADIPOGENESIS GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_24H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_24H\_BMDC\_UP GSE14000\_4H\_VS\_16H\_LPS\_DC\_UP, GSE14000\_4H\_VS\_16H\_LPS\_DC\_UP GSE27670\_BLIMP1\_VS\_LMP1\_TRANSDUCED\_GC\_BCELL\_UP, GSE27670\_BLIMP1\_VS\_LMP1\_TRANSDUCED\_GC\_BCELL\_UP GSE43955\_1H\_VS\_20H\_ACT\_CD4\_TCELL\_WITH\_TGFB\_IL6\_UP, GSE43955\_1H\_VS\_20H\_ACT\_CD4\_TCELL\_WITH\_TGFB\_IL6\_UP GSE33425\_CD161\_HIGH\_VS\_INT\_CD8\_TCELL\_UP, GSE33425\_CD161\_HIGH\_VS\_INT\_CD8\_TCELL\_UP GSE339\_CD4POS\_VS\_CD8POS\_DC\_DN, GSE339\_CD4POS\_VS\_CD8POS\_DC\_DN GSE25088\_CTRL\_VS\_IL4\_STIM\_MACROPHAGE\_UP, GSE25088\_CTRL\_VS\_IL4\_STIM\_MACROPHAGE\_UP GSE339 CD8POS VS CD4CD8DN DC IN CULTURE UP, GSE339 CD8POS VS CD4CD8DN DC IN CULTURE UP GSE43955\_1H\_VS\_42H\_ACT\_CD4\_TCELL\_UP, GSE43955\_1H\_VS\_42H\_ACT\_CD4\_TCELL\_UP GSE5960\_TH1\_VS\_ANERGIC\_TH1\_DN, GSE5960\_TH1\_VS\_ANERGIC\_TH1\_DN GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_20H\_DN, GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_20H\_DN CHIARADONNA\_NEOPLASTIC\_TRANSFORMATION\_KRAS\_DN, CHIARADONNA\_NEOPLASTIC\_TRANSFORMATION\_KRAS\_DN HP\_NEOPLASM\_OF\_THE\_BREAST, HP\_NEOPLASM\_OF\_THE\_BREAST GOBP\_REGULATION\_OF\_PROTEIN\_BINDING, GOBP\_REGULATION\_OF\_PROTEIN\_BINDING GSE6269\_STAPH\_AUREUS\_VS\_STREP\_PNEUMO\_INF\_PBMC\_UP, GSE6269\_STAPH\_AUREUS\_VS\_STREP\_PNEUMO\_INF\_PBMC\_UP GOBP\_RESPONSE\_TO\_STARVATION, GOBP\_RESPONSE\_TO\_STARVATION GOBP\_CELLULAR\_RESPONSE\_TO\_STARVATION, GOBP\_CELLULAR\_RESPONSE\_TO\_STARVATION VS\_CD24HI\_TREG\_THYMUS\_DN, GSE42021\_TREG\_PLN\_VS\_CD24HI\_TREG\_THYMUS\_DN GOBP\_SPHINGOLIPID\_METABOLIC\_PROCESS, GOBP\_SPHINGOLIPID\_METABOLIC\_PROCESS MIR516B\_5P, MIR516B\_5P GOBP\_RESPONSE\_TO\_AMINO\_ACID\_STARVATION, GOBP\_RESPONSE\_TO\_AMINO\_ACID\_STARVATION HP\_THYROID\_CARCINOMA, HP\_THYROID\_CARCINOMA GCNP\_SHH\_UP\_LATE.V1\_DN, GCNP\_SHH\_UP\_LATE.V1\_DN GOBP\_ORGANIC\_ACID\_TRANSMEMBRANE\_TRANSPORT, GOBP\_ORGANIC\_ACID\_TRANSMEMBRANE\_TRANSPORT GOBP\_POSITIVE\_REGULATION\_OF\_NEURON\_DEATH, GOBP\_POSITIVE\_REGULATION\_OF\_NEURON\_DEATH GCNP\_SHH\_UP\_EARLY.V1\_DN, GCNP\_SHH\_UP\_EARLY.V1\_DN HP\_ABNORMAL\_THYROID\_MORPHOLOGY, HP\_ABNORMAL\_THYROID\_MORPHOLOGY GOBP\_FATTY\_ACID\_TRANSPORT, GOBP\_FATTY\_ACID\_TRANSPORT HP\_WIDE\_ANTERIOR\_FONTANEL, HP\_WIDE\_ANTERIOR\_FONTANEL HP\_CAVERNOUS\_HEMANGIOMA, HP\_CAVERNOUS\_HEMANGIOMA REACTOME\_LYSOSOME\_VESICLE\_BIOGENESIS, REACTOME\_LYSOSOME\_VESICLE\_BIOGENESIS KEGG\_FATTY\_ACID\_METABOLISM, KEGG\_FATTY\_ACID\_METABOLISM GOBP\_NEGATIVE\_REGULATION\_OF\_B\_CELL\_PROLIFERATION, GOBP\_NEGATIVE\_REGULATION\_OF\_B\_CELL\_PROLIFERATION HP\_CEREBRAL\_PALSY, HP\_CEREBRAL\_PALSY GOBP\_NEGATIVE\_REGULATION\_OF\_TORC1\_SIGNALING, GOBP\_NEGATIVE\_REGULATION\_OF\_TORC1\_SIGNALING GOBP\_REGULATION\_OF\_LIPASE\_ACTIVITY, GOBP\_REGULATION\_OF\_LIPASE\_ACTIVITY GOBP\_NEGATIVE\_REGULATION\_OF\_B\_CELL\_ACTIVATION, GOBP\_NEGATIVE\_REGULATION\_OF\_B\_CELL\_ACTIVATION GOBP\_PROTEIN\_POLYGLUTAMYLATION, GOBP\_PROTEIN\_POLYGLUTAMYLATION MIR6742\_5P, MIR6742\_5P WP\_FATTY\_ACID\_BIOSYNTHESIS, WP\_FATTY\_ACID\_BIOSYNTHESIS GOBP\_IMMATURE\_B\_CELL\_DIFFERENTIATION, GOBP\_IMMATURE\_B\_CELL\_DIFFERENTIATION GOBP\_REGULATION\_OF\_HISTONE\_PHOSPHORYLATION, GOBP\_REGULATION\_OF\_HISTONE\_PHOSPHORYLATION GOMF\_ADRENERGIC\_RECEPTOR\_BINDING, GOMF\_ADRENERGIC\_RECEPTOR\_BINDING GOBP\_COLLATERAL\_SPROUTING, GOBP\_COLLATERAL\_SPROUTING LU\_TUMOR\_VASCULATURE\_UP, LU\_TUMOR\_VASCULATURE\_UP GOMF\_CHLORIDE\_CHANNEL\_REGULATOR\_ACTIVITY, GOMF\_CHLORIDE\_CHANNEL\_REGULATOR\_ACTIVITY DESCARTES\_FETAL\_HEART\_CLC\_IL5RA\_POSITIVE\_CELLS, DESCARTES\_FETAL\_HEART\_CLC\_IL5RA\_POSITIVE\_CELLS

```
GSE6092_IFNG_VS_IFNG_AND_B_BURGDORFERI_INF_ENDOTHELIAL_CELL_UP, GSE6092_IFNG_VS_IFNG_AND_B_BURGDORFERI_INF_ENDOTHELIAL_CELL_UP
GSE32986_GMCSF_AND_CURDLAN_LOWDOSE_VS_GMCSF_AND_CURDLAN_HIGHDOSE_STIM_DC_UP, GSE32986_GMCSF_AND_CURDLAN_LOWDOSE_VS_GMCSF_AND_CURDLAN_HIGH
GSE42021_CD24LO_TREG_VS_CD24LO_TCONV_THYMUS_DN, GSE42021_CD24LO_TREG_VS_CD24LO_TCONV_THYMUS_DN
GSE9960_GRAM_NEG_VS_GRAM_POS_SEPSIS_PBMC_DN, GSE9960_GRAM_NEG_VS_GRAM_POS_SEPSIS_PBMC_DN
GSE5589_LPS_VS_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_45MIN_UP, GSE5589_LPS_VS_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_45MIN_UP
GSE27670_BLIMP1_VS_LMP1_TRANSDUCED_GC_BCELL_DN, GSE27670_BLIMP1_VS_LMP1_TRANSDUCED_GC_BCELL_DN
GSE26343 UNSTIM VS LPS STIM MACROPHAGE DN, GSE26343 UNSTIM VS LPS STIM MACROPHAGE DN
GSE43955_1H_VS_42H_ACT_CD4_TCELL_WITH_TGFB_IL6_UP, GSE43955_1H_VS_42H_ACT_CD4_TCELL_WITH_TGFB_IL6_UP
GSE360_LOW_DOSE_B_MALAYI_VS_M_TUBERCULOSIS_DC_UP, GSE360_LOW_DOSE_B_MALAYI_VS_M_TUBERCULOSIS_DC_UP
GSE6092_B_BURGDOFERI_VS_B_BURGDORFERI_AND_IFNG_STIM_ENDOTHELIAL_CELL_UP, GSE6092_B_BURGDOFERI_VS_B_BURGDORFERI_AND_IFNG_STIM_ENDOTHELIAL_CELL_UP
GSE43863_TH1_VS_LY6C_LOW_CXCR5NEG_EFFECTOR_CD4_TCELL_DN, GSE43863_TH1_VS_LY6C_LOW_CXCR5NEG_EFFECTOR_CD4_TCELL_DN
GSE29164 DAY3_VS_DAY7_CD8_TCELL_AND_IL12_TREATED_MELANOMA_UP, GSE29164_DAY3_VS_DAY7_CD8_TCELL_AND_IL12_TREATED_MELANOMA_UP
GSE33374_CD8_ALPHAALPHA_VS_ALPHABETA_CD161_HIGH_TCELL_DN, GSE33374_CD8_ALPHAALPHA_VS_ALPHABETA_CD161_HIGH_TCELL_DN
GSE32164_RESTING_DIFFERENTIATED_VS_CMYC_INHIBITED_MACROPHAGE_DN, GSE32164_RESTING_DIFFERENTIATED_VS_CMYC_INHIBITED_MACROPHAGE_DN
GSE23505_UNTREATED_VS_4DAY_IL6_IL1_IL23_TREATED_CD4_TCELL_DN, GSE23505_UNTREATED_VS_4DAY_IL6_IL1_IL23_TREATED_CD4_TCELL_DN
GSE16451_IMMATURE_VS_MATURE_NEURON_CELL_LINE_WEST_EQUINE_ENC_VIRUS_UP, GSE16451_IMMATURE_VS_MATURE_NEURON_CELL_LINE_WEST_EQUINE_ENC_VIRUS_UP
GSE5503_MLN_DC_VS_SPLEEN_DC_ACTIVATED_ALLOGENIC_TCELL_UP, GSE5503_MLN_DC_VS_SPLEEN_DC_ACTIVATED_ALLOGENIC_TCELL_UP
GSE43955_TGFB_IL6_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_60H_UP, GSE43955_TGFB_IL6_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_60H_UP
GSE43955_TGFB_IL6_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_52H_UP, GSE43955_TGFB_IL6_VS_TGFB_IL6_IL23_TH17_ACT_CD4_TCELL_52H_UP
GOMF_ATPASE_COUPLED_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY, GOMF_ATPASE_COUPLED_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY
REACTOME_CLASS_I_PEROXISOMAL_MEMBRANE_PROTEIN_IMPORT, REACTOME_CLASS_I_PEROXISOMAL_MEMBRANE_PROTEIN_IMPORT
GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_14DY_DN, GAUCHER_PBMC_YF_VAX_STAMARIL_UNKNOWN_AGE_14DY_DN
HOWARD_NK_CELL_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5N1_AGE_18_49YO_1DY_UP, HOWARD_NK_CELL_INACT_MONOV_INFLUENZA_A_INDONESIA_05_2005_H5
HP_ABNORMALITY_OF_DENTAL_COLOR, HP_ABNORMALITY_OF_DENTAL_COLOR
GOBP_ANDROGEN_CATABOLIC_PROCESS, GOBP_ANDROGEN_CATABOLIC_PROCESS
GOBP_REGULATION_OF_GASTRIC_MOTILITY, GOBP_REGULATION_OF_GASTRIC_MOTILITY
```

GOMF\_3\_CHLOROALLYL\_ALDEHYDE\_DEHYDROGENASE\_ACTIVITY, GOMF\_3\_CHLOROALLYL\_ALDEHYDE\_DEHYDROGENASE\_ACTIVITY

HP\_DECREASED\_SERUM\_COMPLEMENT\_FACTOR\_I, HP\_DECREASED\_SERUM\_COMPLEMENT\_FACTOR\_I