```
GSE37416_CTRL_VS_12H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_CTRL_VS_12H_F_TULARENSIS_LVS_NEUTROPHIL_DN
                                                                                                             GSE37416_0H_VS_6H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_0H_VS_6H_F_TULARENSIS_LVS_NEUTROPHIL_DN
                                                                                                             GSE27859_MACROPHAGE_VS_CD11C_INT_F480_HI_MACROPHAGE_UP, GSE27859_MACROPHAGE_VS_CD11C_INT_F480_HI_MACROPHAGE_UP
                                                                                                             GSE2770_IL4_ACT_VS_ACT_CD4_TCELL_6H_DN, GSE2770_IL4_ACT_VS_ACT_CD4_TCELL_6H_DN
                                                                                                             GSE25088_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_STAT6_KO_MACROPHAGE_DAY10_DN, GSE25088_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_STAT6_KO_MACROPHAGE_DAY10_I
                                                                                                             GSE21670_TGFB_VS_TGFB_AND_IL6_TREATED_CD4_TCELL_DN, GSE21670_TGFB_VS_TGFB_AND_IL6_TREATED_CD4_TCELL_DN
                                                                                                             GSE9988_ANTI_TREM1_VS_CTRL_TREATED_MONOCYTES_UP, GSE9988_ANTI_TREM1_VS_CTRL_TREATED_MONOCYTES_UP
                                                                                                             GSE41867_LCMV_ARMSTRONG_VS_CLONE13_DAY8_EFFECTOR_CD8_TCELL_UP, GSE41867_LCMV_ARMSTRONG_VS_CLONE13_DAY8_EFFECTOR_CD8_TCELL_UP
                                                                                                             GSE9988_ANTI_TREM1_VS_LOW_LPS_MONOCYTE_UP, GSE9988_ANTI_TREM1_VS_LOW_LPS_MONOCYTE_UP
                                                                                                             GSE37416_12H_VS_24H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_12H_VS_24H_F_TULARENSIS_LVS_NEUTROPHIL_DN
                                                                                                             GSE19198_CTRL_VS_IL21_TREATED_TCELL_1H_DN, GSE19198_CTRL_VS_IL21_TREATED_TCELL_1H_DN
                                                                                                             GSE37416_0H_VS_3H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_0H_VS_3H_F_TULARENSIS_LVS_NEUTROPHIL_DN
                                                                                                             GSE2770_TGFB_AND_IL4_VS_IL4_TREATED_ACT_CD4_TCELL_48H_UP, GSE2770_TGFB_AND_IL4_VS_IL4_TREATED_ACT_CD4_TCELL_48H_UP
                                                                                                             GSE9988_ANTI_TREM1_VS_LPS_MONOCYTE_UP, GSE9988_ANTI_TREM1_VS_LPS_MONOCYTE_UP
                                                                                                             GSE25088_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_STAT6_KO_MACROPHAGE_DAY10_DN, GSE25088_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_STAT6_KO_MACROPHAGE_DAY10_DN
                                                                                                             GSE7460_CTRL_VS_TGFB_TREATED_ACT_FOXP3_HET_TCONV_UP, GSE7460_CTRL_VS_TGFB_TREATED_ACT_FOXP3_HET_TCONV_UP
                                                                                                             GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_24H_DN, GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_24H_DN
                                                                                                             GSE3920_IFNA_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP, GSE3920_IFNA_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP
                                                                                                             GSE2706_UNSTIM_VS_2H_LPS_DC_DN, GSE2706_UNSTIM_VS_2H_LPS_DC_DN
                                                                                                             GSE37605_FOXP3_FUSION_GFP_VS_IRES_GFP_TREG_C57BL6_UP, GSE37605_FOXP3_FUSION_GFP_VS_IRES_GFP_TREG_C57BL6_UP
                                                                                                             GSE45365_NK_CELL_VS_BCELL_UP, GSE45365_NK_CELL_VS_BCELL_UP
                                                                                                             GSE43956_WT_VS_SGK1_KO_TH17_DIFFERENTIATED_CD4_TCELL_DN, GSE43956_WT_VS_SGK1_KO_TH17_DIFFERENTIATED_CD4_TCELL_DN
                                                                                                             GSE6674_CPG_VS_CPG_AND_ANTI_IGM_STIM_BCELL_DN, GSE6674_CPG_VS_CPG_AND_ANTI_IGM_STIM_BCELL_DN
                                                                                                             GSE3920_UNTREATED_VS_IFNA_TREATED_FIBROBLAST_UP, GSE3920_UNTREATED_VS_IFNA_TREATED_FIBROBLAST_UP
                                                                                                             GSE2706 UNSTIM VS 2H LPS AND R848 DC DN, GSE2706 UNSTIM VS 2H LPS AND R848 DC DN
                                                                                                             GROSS_HYPOXIA_VIA_ELK3_DN, GROSS_HYPOXIA_VIA_ELK3_DN
                                                                                                             GSE9988_ANTI_TREM1_VS_VEHICLE_TREATED_MONOCYTES_UP, GSE9988_ANTI_TREM1_VS_VEHICLE_TREATED_MONOCYTES_UP
                                                                                                             GSE9988 LPS_VS_LPS_AND_ANTI_TREM1_MONOCYTE_DN, GSE9988 LPS_VS_LPS_AND_ANTI_TREM1_MONOCYTE_DN
                                                                                                             GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLUE_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLUE_UP
                                                                                                             GSE20754_WT_VS_TCF1_KO_MEMORY_CD8_TCELL_UP, GSE20754_WT_VS_TCF1_KO_MEMORY_CD8_TCELL_UP
                                                                                                             GSE40443_INDUCED_VS_TOTAL_TREG_UP, GSE40443_INDUCED_VS_TOTAL_TREG_UP
                                                                                                             NAGASHIMA_NRG1_SIGNALING_UP, NAGASHIMA_NRG1_SIGNALING_UP
                                                                                                             GSE12392_IFNAR_KO_VS_IFNB_KO_CD8_NEG_SPLEEN_DC_UP, GSE12392_IFNAR_KO_VS_IFNB_KO_CD8_NEG_SPLEEN_DC_UP
                                                                                                             GSE22033_UNTREATED_VS_ROSIGLITAZONE_TREATED_MEF_DN, GSE22033_UNTREATED_VS_ROSIGLITAZONE_TREATED_MEF_DN
                                                                                                             GSE42088_UNINF_VS_LEISHMANIA_INF_DC_24H_DN, GSE42088_UNINF_VS_LEISHMANIA_INF_DC_24H_DN
                                                                                                             GSE339_CD4POS_VS_CD8POS_DC_UP, GSE339_CD4POS_VS_CD8POS_DC_UP
                                                                                                             GSE36891_UNSTIM_VS_POLYIC_TLR3_STIM_PERITONEAL_MACROPHAGE_UP, GSE36891_UNSTIM_VS_POLYIC_TLR3_STIM_PERITONEAL_MACROPHAGE_UP
                                                                                                             GSE37416_0H_VS_48H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_0H_VS_48H_F_TULARENSIS_LVS_NEUTROPHIL_DN
                                                                                                             GSE35825_UNTREATED_VS_IFNG_STIM_MACROPHAGE_UP, GSE35825_UNTREATED_VS_IFNG_STIM_MACROPHAGE_UP
                                                                                                             MODULE_97, MODULE_97
                                                                                                             MODULE_182, MODULE_182
                                                                                                             GSE29617_CTRL_VS_TIV_FLU_VACCINE_PBMC_2008_UP, GSE29617_CTRL_VS_TIV_FLU_VACCINE_PBMC_2008_UP
                                                                                                             GSE5589_IL6_KO_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_UP, GSE5589_IL6_KO_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_UP
                                                                                                             BROWNE_HCMV_INFECTION_24HR_UP, BROWNE_HCMV_INFECTION_24HR_UP
                                                                                                             ELVIDGE_HYPOXIA_UP, ELVIDGE_HYPOXIA_UP
                                                                                                             GSE21546 WT VS SAP1A KO AND ELK1 KO DP THYMOCYTES UP, GSE21546 WT VS SAP1A KO AND ELK1 KO DP THYMOCYTES UP
                                                                                                             GSE21670_UNTREATED_VS_TGFB_TREATED_STAT3_KO_CD4_TCELL_DN, GSE21670_UNTREATED_VS_TGFB_TREATED_STAT3_KO_CD4_TCELL_DN
                                                                                                             GSE360_T_GONDII_VS_B_MALAYI_HIGH_DOSE_DC_UP, GSE360_T_GONDII_VS_B_MALAYI_HIGH_DOSE_DC_UP
                                                                                                             GSE11864 CSF1_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN, GSE11864_CSF1_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN
                                                                                                             GSE2770_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_6H_UP, GSE2770_UNTREATED_VS_IL12_TREATED_ACT_CD4_TCELL_6H_UP
                                                                                                             GSE29615_CTRL_VS_DAY3_LAIV_IFLU_VACCINE_PBMC_UP, GSE29615_CTRL_VS_DAY3_LAIV_IFLU_VACCINE_PBMC_UP
                                                                                                             GSE2706_UNSTIM_VS_2H_R848_DC_DN, GSE2706_UNSTIM_VS_2H_R848_DC_DN
                                                                                                             GSE17721_12H_VS_24H_LPS_BMDC_UP, GSE17721_12H_VS_24H_LPS_BMDC_UP
                                                                                                             GSE42724 NAIVE VS B1 BCELL UP, GSE42724 NAIVE VS B1 BCELL UP
                                                                                                             GSE2706_2H_VS_8H_R848_AND_LPS_STIM_DC_DN, GSE2706_2H_VS_8H_R848_AND_LPS_STIM_DC_DN
                                                                                                             GSE17721_CPG_VS_GARDIQUIMOD_6H_BMDC_UP, GSE17721_CPG_VS_GARDIQUIMOD_6H_BMDC_UP
                                                                                                             GSE43863_TFH_VS_LY6C_INT_CXCR5POS_MEMORY_CD4_TCELL_UP, GSE43863_TFH_VS_LY6C_INT_CXCR5POS_MEMORY_CD4_TCELL_UP
                                                                                                             GSE9988_ANTI_TREM1_AND_LPS_VS_CTRL_TREATED_MONOCYTES_UP, GSE9988_ANTI_TREM1_AND_LPS_VS_CTRL_TREATED_MONOCYTES_UP
                                                                                                             GO_MAINTENANCE_OF_LOCATION, GO_MAINTENANCE_OF_LOCATION
                                                                                                             GSE9960_GRAM_NEG_VS_GRAM_POS_SEPSIS_PBMC_UP, GSE9960_GRAM_NEG_VS_GRAM_POS_SEPSIS_PBMC_UP
                                                                                                             GSE11864_CSF1_IFNG_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN, GSE11864_CSF1_IFNG_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN
                                                                                                             GSE41867_DAY15_EFFECTOR_VS_DAY30_MEMORY_CD8_TCELL_LCMV_ARMSTRONG_UP, GSE41867_DAY15_EFFECTOR_VS_DAY30_MEMORY_CD8_TCELL_LCMV_ARMSTRONG_UP
                                                                                                             GSE22935_24H_VS_48H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_UP, GSE22935_24H_VS_48H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_UP
                                                                                                             GSE3039_ALPHAALPHA_CD8_TCELL_VS_B2_BCELL_DN, GSE3039_ALPHAALPHA_CD8_TCELL_VS_B2_BCELL_DN
                                                                                                             GSE9988_ANTI_TREM1_AND_LPS_VS_VEHICLE_TREATED_MONOCYTES_UP, GSE9988_ANTI_TREM1_AND_LPS_VS_VEHICLE_TREATED_MONOCYTES_UP
                                                                                                             GSE17721_LPS_VS_GARDIQUIMOD_12H_BMDC_UP, GSE17721_LPS_VS_GARDIQUIMOD_12H_BMDC_UP
                                                                                                             GSE12505_WT_VS_E2-2_HET_PDC_DN, GSE12505_WT_VS_E2-2_HET_PDC_DN
                                                                                                             GSE45365_NK_CELL_VS_CD8_TCELL_MCMV_INFECTION_DN, GSE45365_NK_CELL_VS_CD8_TCELL_MCMV_INFECTION_DN
                                                                                                             GSE17721_LPS_VS_GARDIQUIMOD_8H_BMDC_UP, GSE17721_LPS_VS_GARDIQUIMOD_8H_BMDC_UP
                                                                                                             GSE2706 R848 VS R848 AND LPS 8H STIM DC DN, GSE2706 R848 VS R848 AND LPS 8H STIM DC DN
                                                                                                             MODULE_358, MODULE_358
                                                                                                             AMBROSINI_FLAVOPIRIDOL_TREATMENT_TP53, AMBROSINI_FLAVOPIRIDOL_TREATMENT_TP53
                                                                                                             GSE12392_IFNAR_KO_VS_IFNB_KO_CD8_NEG_SPLEEN_DC_DN, GSE12392_IFNAR_KO_VS_IFNB_KO_CD8_NEG_SPLEEN_DC_DN
                                                                                                             GSE19374_UNINF_VS_LISTERIA_INFECTED_MACROPHAGE_DN, GSE19374_UNINF_VS_LISTERIA_INFECTED_MACROPHAGE_DN
                                                                                                             GSE24081_CONTROLLER_VS_PROGRESSOR_HIV_SPECIFIC_CD8_TCELL_UP, GSE24081_CONTROLLER_VS_PROGRESSOR_HIV_SPECIFIC_CD8_TCELL_UP
                                                                                                             GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_8H_UP, GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_8H_UP
                                                                                                             GSE14908_RESTING_VS_HDM_STIM_CD4_TCELL_NONATOPIC_PATIENT_UP, GSE14908_RESTING_VS_HDM_STIM_CD4_TCELL_NONATOPIC_PATIENT_UP
                                                                                                            GO_TRANSCRIPTION_INITIATION_FROM_RNA_POLYMERASE_II_PROMOTER, GO_TRANSCRIPTION_INITIATION_FROM_RNA_POLYMERASE_II_PROMOTER
                                                                                                             GSE4590_PRE_BCELL_VS_LARGE_PRE_BCELL_UP, GSE4590_PRE_BCELL_VS_LARGE_PRE_BCELL_UP
                                                                                                             GO_INTRACELLULAR_RECEPTOR_SIGNALING_PATHWAY, GO_INTRACELLULAR_RECEPTOR_SIGNALING_PATHWAY
                                                                                                             GSE2706_UNSTIM_VS_8H_LPS_AND_R848_DC_DN, GSE2706_UNSTIM_VS_8H_LPS_AND_R848_DC_DN
                                                                                                             GSE42021_TCONV_PLN_VS_CD24INT_TCONV_THYMUS_DN, GSE42021_TCONV_PLN_VS_CD24INT_TCONV_THYMUS_DN
                                                                                                             GO_REGULATION_OF_REPRODUCTIVE_PROCESS, GO_REGULATION_OF_REPRODUCTIVE_PROCESS
                                                                                                             TSAI_RESPONSE_TO_IONIZING_RADIATION, TSAI_RESPONSE_TO_IONIZING_RADIATION
                                                                                                             GSE37416_12H_VS_48H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_12H_VS_48H_F_TULARENSIS_LVS_NEUTROPHIL_DN
                                                                                                             GSE360_DC_VS_MAC_M_TUBERCULOSIS_UP, GSE360_DC_VS_MAC_M_TUBERCULOSIS_UP
                                                                                                             CGTSACG_PAX3_B, CGTSACG_PAX3_B
                                                                                                             ONDER_CDH1_SIGNALING_VIA_CTNNB1, ONDER_CDH1_SIGNALING_VIA_CTNNB1
                                                                                                             GSE13887_RESTING_VS_ACT_CD4_TCELL_DN, GSE13887_RESTING_VS_ACT_CD4_TCELL_DN
                                                                                                             GSE27241_CTRL_VS_DIGOXIN_TREATED_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_UP, GSE27241_CTRL_VS_DIGOXIN_TREATED_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_UP
                                                                                                             GSE22589_HIV_VS_HIV_AND_SIV_INFECTED_DC_UP, GSE22589_HIV_VS_HIV_AND_SIV_INFECTED_DC_UP
                                                                                                             KIM_WT1_TARGETS_12HR_UP, KIM_WT1_TARGETS_12HR_UP
                                                                                                             GSE19401_PAM2CSK4_VS_RETINOIC_ACID_AND_PAM2CSK4_STIM_FOLLICULAR_DC_UP, GSE19401_PAM2CSK4_VS_RETINOIC_ACID_AND_PAM2CSK4_STIM_FOLLICULAR_DC_UP
                                                                                                             CCAGGTT_MIR490, CCAGGTT_MIR490
_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_CTRL_VS_24H_F_TULARENSIS_LVS_NEUTROPHIL_DN
                                                                                                             GSE17721_LPS_VS_PAM3CSK4_1H_BMDC_DN, GSE17721_LPS_VS_PAM3CSK4_1H_BMDC_DN
                                                                                                             CHANDRAN_METASTASIS_TOP50_DN, CHANDRAN_METASTASIS_TOP50_DN
                                                                                                             GSE6092_CTRL_VS_BORRELIA_BIRGDOFERI_INF_ENDOTHELIAL_CELL_DN, GSE6092_CTRL_VS_BORRELIA_BIRGDOFERI_INF_ENDOTHELIAL_CELL_DN
                                                                                                             GSE3039_CD4_TCELL_VS_ALPHABETA_CD8_TCELL_UP, GSE3039_CD4_TCELL_VS_ALPHABETA_CD8_TCELL_UP
                                                                                                             QI_HYPOXIA, QI_HYPOXIA
                                                                                                             GO_REGULATION_OF_ENDOPLASMIC_RETICULUM_STRESS_INDUCED_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY, GO_REGULATION_OF_ENDOPLASMIC_RETICULUM_STRESS_INDUCED_INTRINSIC_AF
                                                                                                             ELVIDGE_HIF1A_TARGETS_DN, ELVIDGE_HIF1A_TARGETS_DN
                                                                                                             DIRMEIER_LMP1_RESPONSE_EARLY, DIRMEIER_LMP1_RESPONSE_EARLY
                                                                                                             GO_REGULATION_OF_ENDOCYTOSIS, GO_REGULATION_OF_ENDOCYTOSIS
                                                                                                             MORI_PLASMA_CELL_UP, MORI_PLASMA_CELL_UP
                                                                                                             GO NEGATIVE REGULATION OF INTRACELLULAR TRANSPORT, GO NEGATIVE REGULATION OF INTRACELLULAR TRANSPORT
                                                                                                             MODULE_525, MODULE_525
                                                                                                             LINDSTEDT_DENDRITIC_CELL_MATURATION_B, LINDSTEDT_DENDRITIC_CELL_MATURATION_B
                                                                                                             SHAFFER_IRF4_TARGETS_IN_ACTIVATED_DENDRITIC_CELL, SHAFFER_IRF4_TARGETS_IN_ACTIVATED_DENDRITIC_CELL
                                                                                                             WANG_ESOPHAGUS_CANCER_VS_NORMAL_UP, WANG_ESOPHAGUS_CANCER_VS_NORMAL_UP
                                                                                                             GO POSITIVE REGULATION OF CELL MORPHOGENESIS INVOLVED IN DIFFERENTIATION, GO POSITIVE REGULATION OF CELL MORPHOGENESIS INVOLVED IN DIFFERENTIATION
                                                                                                             LIANG_HEMATOPOIESIS_STEM_CELL_NUMBER_SMALL_VS_HUGE_DN, LIANG_HEMATOPOIESIS_STEM_CELL_NUMBER_SMALL_VS_HUGE_DN
                                                                                                             GSE45365_NK_CELL_VS_CD8A_DC_MCMV_INFECTION_DN, GSE45365_NK_CELL_VS_CD8A_DC_MCMV_INFECTION_DN
                                                                                                             GSE16450 CTRL VS IFNA 12H STIM IMMATURE NEURON CELL LINE DN, GSE16450 CTRL VS IFNA 12H STIM IMMATURE NEURON CELL LINE DN
                                                                                                             GSE28783_CTRL_ANTI_MIR_VS_UNTREATED_ATHEROSCLEROSIS_MACROPHAGE_DN, GSE28783_CTRL_ANTI_MIR_VS_UNTREATED_ATHEROSCLEROSIS_MACROPHAGE_DN
                                                                                                             GO_NEGATIVE_REGULATION_OF_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS, GO_NEGATIVE_REGULATION_OF_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS
                                                                                                             AMIT_SERUM_RESPONSE_120_MCF10A, AMIT_SERUM_RESPONSE_120_MCF10A
                                                                                                             MASSARWEH_RESPONSE_TO_ESTRADIOL, MASSARWEH_RESPONSE_TO_ESTRADIOL
                                                                                                             GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_UP, GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_UP
                                                                                                             GO_NEGATIVE_REGULATION_OF_I_KAPPAB_KINASE_NF_KAPPAB_SIGNALING, GO_NEGATIVE_REGULATION_OF_I_KAPPAB_KINASE_NF_KAPPAB_SIGNALING
                                                                                                             GTTNYYNNGGTNA_UNKNOWN, GTTNYYNNGGTNA_UNKNOWN
                                                                                                             GO_AMP_METABOLIC_PROCESS, GO_AMP_METABOLIC_PROCESS
                                                                                                             GSE19401_RETINOIC_ACID_VS_RETINOIC_ACID_AND_PAM2CSK4_STIM_FOLLICULAR_DC_UP, GSE19401_RETINOIC_ACID_VS_RETINOIC_ACID_AND_PAM2CSK4_STIM_FOLLICULAR_DC_UP
                                                                                                             GO_PROTEIN_COMPLEX_SCAFFOLD, GO_PROTEIN_COMPLEX_SCAFFOLD
                                                                                                             SHAFFER_IRF4_TARGETS_IN_PLASMA_CELL_VS_MATURE_B_LYMPHOCYTE, SHAFFER_IRF4_TARGETS_IN_PLASMA_CELL_VS_MATURE_B_LYMPHOCYTE
                                                                                                             GSE3920_UNTREATED_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP, GSE3920_UNTREATED_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP
                                                                                                             SUH_COEXPRESSED_WITH_ID1_AND_ID2_UP, SUH_COEXPRESSED_WITH_ID1_AND_ID2_UP
                                                                                                             GO_REGULATION_OF_URINE_VOLUME, GO_REGULATION_OF_URINE_VOLUME
                                                                                                             GO_NEGATIVE_REGULATION_OF_RESPONSE_TO_WOUNDING, GO_NEGATIVE_REGULATION_OF_RESPONSE_TO_WOUNDING
                                                                                                             GO_TRANSCRIPTION_FACTOR_ACTIVITY_DIRECT_LIGAND_REGULATED_SEQUENCE_SPECIFIC_DNA_BINDING, GO_TRANSCRIPTION_FACTOR_ACTIVITY_DIRECT_LIGAND_REGULATED_SEQUENCE_SPECIFIC
                                                                                                             GO_RECEPTOR_SIGNALING_PROTEIN_SERINE_THREONINE_KINASE_ACTIVITY, GO_RECEPTOR_SIGNALING_PROTEIN_SERINE_THREONINE_KINASE_ACTIVITY
                                                                                                             BIOCARTA_RARRXR_PATHWAY, BIOCARTA_RARRXR_PATHWAY
                                                                                                             GO_POSITIVE_REGULATION_OF_EPITHELIAL_CELL_PROLIFERATION, GO_POSITIVE_REGULATION_OF_EPITHELIAL_CELL_PROLIFERATION
                                                                                                             GO_AXON_CYTOPLASM, GO_AXON_CYTOPLASM
                                                                                                             ST_ERK1_ERK2_MAPK_PATHWAY, ST_ERK1_ERK2_MAPK_PATHWAY
                                                                                                             GENTLES_LEUKEMIC_STEM_CELL_UP, GENTLES_LEUKEMIC_STEM_CELL_UP
                                                                                                             GSE9006_HEALTHY_VS_TYPE_1_DIABETES_PBMC_1MONTH_POST_DX_DN, GSE9006_HEALTHY_VS_TYPE_1_DIABETES_PBMC_1MONTH_POST_DX_DN
                                                                                                             GO STEROID HORMONE MEDIATED SIGNALING PATHWAY, GO STEROID HORMONE MEDIATED SIGNALING PATHWAY
                                                                                                             KEGG_SMALL_CELL_LUNG_CANCER, KEGG_SMALL_CELL_LUNG_CANCER
                                                                                                             KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY, KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY
                                                                                                             GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLACK_UP, GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_BLACK_UP
                                                                                                             DORN_ADENOVIRUS_INFECTION_32HR_DN, DORN_ADENOVIRUS_INFECTION_32HR_DN
                                                                                                             DORN_ADENOVIRUS_INFECTION_12HR_DN, DORN_ADENOVIRUS_INFECTION_12HR_DN
                                                                                                             REACTOME_NUCLEAR_RECEPTOR_TRANSCRIPTION_PATHWAY, REACTOME_NUCLEAR_RECEPTOR_TRANSCRIPTION_PATHWAY
                                                                                                             BRUECKNER_TARGETS_OF_MIRLET7A3_UP, BRUECKNER_TARGETS_OF_MIRLET7A3_UP
                                                                                                             GO_REGULATION_OF_SMOOTH_MUSCLE_CELL_MIGRATION, GO_REGULATION_OF_SMOOTH_MUSCLE_CELL_MIGRATION
                                                                                                             REACTOME_BMAL1_CLOCK_NPAS2_ACTIVATES_CIRCADIAN_EXPRESSION, REACTOME_BMAL1_CLOCK_NPAS2_ACTIVATES_CIRCADIAN_EXPRESSION
                                                                                                             GSE14413_UNSTIM_VS_IFNB_STIM_L929_CELLS_UP, GSE14413_UNSTIM_VS_IFNB_STIM_L929_CELLS_UP
                                                                                                             GO_AXO_DENDRITIC_TRANSPORT, GO_AXO_DENDRITIC_TRANSPORT
                                                                                                             GO_REGULATION_OF_AXONOGENESIS, GO_REGULATION_OF_AXONOGENESIS
                                                                                                             TIAN_TNF_SIGNALING_VIA_NFKB, TIAN_TNF_SIGNALING_VIA_NFKB
                                                                                                             GO_REGULATION_OF_VACUOLAR_TRANSPORT, GO_REGULATION_OF_VACUOLAR_TRANSPORT
                                                                                                             GSE24574_BCL6_HIGH_TFH_VS_TCONV_CD4_TCELL_UP, GSE24574_BCL6_HIGH_TFH_VS_TCONV_CD4_TCELL_UP
                                                                                                             GO_REGULATION_OF_ENDOTHELIAL_CELL_APOPTOTIC_PROCESS, GO_REGULATION_OF_ENDOTHELIAL_CELL_APOPTOTIC_PROCESS
                                                                                                             GSE17721_4_VS_24H_CPG_BMDC_UP, GSE17721_4_VS_24H_CPG_BMDC_UP
                                                                                                             REACTOME_SIGNALING_BY_FGFR1_MUTANTS, REACTOME_SIGNALING_BY_FGFR1_MUTANTS
                                                                                                             REACTOME_SIGNALING_BY_FGFR1_FUSION_MUTANTS, REACTOME_SIGNALING_BY_FGFR1_FUSION_MUTANTS
                                                                                                             DORN_ADENOVIRUS_INFECTION_48HR_DN, DORN_ADENOVIRUS_INFECTION_48HR_DN
                                                                                                             GO_JNK_CASCADE, GO_JNK_CASCADE
                                                                                                            GROSS_HYPOXIA_VIA_ELK3_ONLY_UP, GROSS_HYPOXIA_VIA_ELK3_ONLY_UP
                                                                                                             MIZUSHIMA AUTOPHAGOSOME FORMATION, MIZUSHIMA AUTOPHAGOSOME FORMATION
                                                                                                             GSE18281_PERIMEDULLARY_CORTICAL_REGION_VS_WHOLE_CORTEX_THYMUS_DN, GSE18281_PERIMEDULLARY_CORTICAL_REGION_VS_WHOLE_CORTEX_THYMUS_DN
                                                                                                             GO_REGULATION_OF_MONOCYTE_CHEMOTAXIS, GO_REGULATION_OF_MONOCYTE_CHEMOTAXIS
                                                                                                            BOYAULT LIVER CANCER SUBCLASS G56 DN, BOYAULT LIVER CANCER SUBCLASS G56 DN
                                                                                                            GO_NEGATIVE_REGULATION_OF_SMOOTH_MUSCLE_CELL_MIGRATION, GO_NEGATIVE_REGULATION_OF_SMOOTH_MUSCLE_CELL_MIGRATION
                                                                                                             GO_POSITIVE_REGULATION_OF_URINE_VOLUME, GO_POSITIVE_REGULATION_OF_URINE_VOLUME
                                                                                                             PEDERSEN_METASTASIS_BY_ERBB2_ISOFORM_5, PEDERSEN_METASTASIS_BY_ERBB2_ISOFORM_5
                                                                                                             GNF2_MMP1, GNF2_MMP1
                                                                                                             GO_CYTOPLASMIC_SEQUESTERING_OF_TRANSCRIPTION_FACTOR, GO_CYTOPLASMIC_SEQUESTERING_OF_TRANSCRIPTION_FACTOR
                                                                                                             KASLER_HDAC7_TARGETS_2_DN, KASLER_HDAC7_TARGETS_2_DN
                                                                                                             GSE7459_UNTREATED_VS_IL6_TREATED_ACT_CD4_TCELL_UP, GSE7459_UNTREATED_VS_IL6_TREATED_ACT_CD4_TCELL_UP
                                                                                                             GO_POSITIVE_REGULATION_OF_RECEPTOR_MEDIATED_ENDOCYTOSIS, GO_POSITIVE_REGULATION_OF_RECEPTOR_MEDIATED_ENDOCYTOSIS
                                                                                                             DELLA_RESPONSE_TO_TSA_AND_BUTYRATE, DELLA_RESPONSE_TO_TSA_AND_BUTYRATE
                                                                                                             PLASARI_TGFB1_TARGETS_1HR_UP, PLASARI_TGFB1_TARGETS_1HR_UP
                                                                                                             GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_RAG2_KO_NK_CELL_UP, GSE37301_COMMON_LYMPHOID_PROGENITOR_VS_RAG2_KO_NK_CELL_UP
                                                                                                             GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_BCELL_UP, GSE6259_FLT3L_INDUCED_DEC205_POS_DC_VS_BCELL_UP
                                                                                                             ZHU_CMV_8_HR_UP, ZHU_CMV_8_HR_UP
                                                                                                             GO_RESPONSE_TO_EXOGENOUS_DSRNA, GO_RESPONSE_TO_EXOGENOUS_DSRNA
                                                                                                             GROSS_ELK3_TARGETS_DN, GROSS_ELK3_TARGETS_DN
                                                                                                             GO_REGULATION_OF_EXCRETION, GO_REGULATION_OF_EXCRETION
                                                                                                             GO_CELL_PROJECTION_CYTOPLASM, GO_CELL_PROJECTION_CYTOPLASM
                                                                                                             GO_ALPHA_BETA_T_CELL_DIFFERENTIATION, GO_ALPHA_BETA_T_CELL_DIFFERENTIATION
                                                                                                             GO_NEGATIVE_REGULATION_OF_REPRODUCTIVE_PROCESS, GO_NEGATIVE_REGULATION_OF_REPRODUCTIVE_PROCESS
                                                                                                            PID_RXR_VDR_PATHWAY, PID_RXR_VDR_PATHWAY
                                                                                                            GO_REGULATION_OF_RENAL_SODIUM_EXCRETION, GO_REGULATION_OF_RENAL_SODIUM_EXCRETION
                                                                                                            GO POSITIVE REGULATION OF MACROPHAGE DIFFERENTIATION, GO POSITIVE REGULATION OF MACROPHAGE DIFFERENTIATION
                                                                                                             GO_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_CELL_DEATH, GO_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_CELL_DEATH
                                                                                                             GO_CELLULAR_RESPONSE_TO_NITROGEN_LEVELS, GO_CELLULAR_RESPONSE_TO_NITROGEN_LEVELS
                                                                                                             GO_POSITIVE_REGULATION_OF_MONOCYTE_CHEMOTAXIS, GO_POSITIVE_REGULATION_OF_MONOCYTE_CHEMOTAXIS
                                                                                                             INGRAM_SHH_TARGETS, INGRAM_SHH_TARGETS
```

GSE37416\_0H\_VS\_12H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN, GSE37416\_0H\_VS\_12H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN