```
GSE42088_UNINF_VS_LEISHMANIA_INF_DC_2H_DN, GSE42088_UNINF_VS_LEISHMANIA_INF_DC_2H_DN
                                                                                                                                                                GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_ENDOPLASMIC_RETICULUM, GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_ENDOPLASMIC_RETICULUM
                                                                                                                                                               GOBP_PROTEIN_LOCALIZATION_TO_ENDOPLASMIC_RETICULUM, GOBP_PROTEIN_LOCALIZATION_TO_ENDOPLASMIC_RETICULUM
                                                                                                                                                                GSE42088 UNINF VS LEISHMANIA INF DC 4H DN, GSE42088 UNINF VS LEISHMANIA INF DC 4H DN
                                                                                                                                                                GSE24574_BCL6_HIGH_TFH_VS_TFH_CD4_TCELL_DN, GSE24574_BCL6_HIGH_TFH_VS_TFH_CD4_TCELL_DN
                                                                                                                                                                QI_PBMC_ZOSTAVAX_AGE_50_75YO_CORRELATED_WITH_CONTRACTION_OF_VZV_SPECIFIC_T_CELLS_PEAK_TO_28DYAT_1DY_NEGATIVE, QI_PBMC_ZOSTAVAX_AGE_50_75YO_CORRELATED_WITH_CONTRACTION_OF_VZV_SPECIFIC_T_T_CELLS_PEAK_TO_28DYAT_1DY_NEGATIVE, QI_PBMC_ZOSTAVAX_AGE_50_
                                                                                                                                                                GSE2770_IL12_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_DN, GSE2770_IL12_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_DN
                                                                                                                                                               GSE34515 CD16_NEG_VS_POS_MONOCYTE_DN, GSE34515_CD16_NEG_VS_POS_MONOCYTE_DN
                                                                                                                                                               GSE3720_LPS_VS_PMA_STIM_VD1_GAMMADELTA_TCELL_DN, GSE3720_LPS_VS_PMA_STIM_VD1_GAMMADELTA_TCELL_DN
                                                                                                                                                               TMTCGCGANR_UNKNOWN, TMTCGCGANR_UNKNOWN
                                                                                                                                                               GSE14000_TRANSLATED_RNA_VS_MRNA_16H_LPS_DC_DN, GSE14000_TRANSLATED_RNA_VS_MRNA_16H_LPS_DC_DN
                                                                                                                                                               GSE13411_PLASMA_CELL_VS_MEMORY_BCELL_DN, GSE13411_PLASMA_CELL_VS_MEMORY_BCELL_DN
                                                                                                                                                               GSE16385_IL4_VS_ROSIGLITAZONE_STIM_MACROPHAGE_UP, GSE16385_IL4_VS_ROSIGLITAZONE_STIM_MACROPHAGE_UP
                                                                                                                                                               GSE12366_PLASMA_CELL_VS_NAIVE_BCELL_DN, GSE12366_PLASMA_CELL_VS_NAIVE_BCELL_DN
                                                                                                                                                               FAN_OVARY_CL12_T_LYMPHOCYTE_NK_CELL_2, FAN_OVARY_CL12_T_LYMPHOCYTE_NK_CELL_2
                                                                                                                                                               GSE3982_EOSINOPHIL_VS_CENT_MEMORY_CD4_TCELL_DN, GSE3982_EOSINOPHIL_VS_CENT_MEMORY_CD4_TCELL_DN
                                                                                                                                                               GSE10239_NAIVE_VS_KLRG1INT_EFF_CD8_TCELL_UP, GSE10239_NAIVE_VS_KLRG1INT_EFF_CD8_TCELL_UP
                                                                                                                                                               GSE10239_NAIVE_VS_DAY4.5_EFF_CD8_TCELL_UP, GSE10239_NAIVE_VS_DAY4.5_EFF_CD8_TCELL_UP
                                                                                                                                                               GSE34156_NOD2_LIGAND_VS_TLR1_TLR2_LIGAND_24H_TREATED_MONOCYTE_DN, GSE34156_NOD2_LIGAND_VS_TLR1_TLR2_LIGAND_24H_TREATED_MONOCYTE_DN
                                                                                                                                                               GOCC_LARGE_RIBOSOMAL_SUBUNIT, GOCC_LARGE_RIBOSOMAL_SUBUNIT
                                                                                                                                                               GSE11864_UNTREATED_VS_CSF1_IFNG_IN_MAC_UP, GSE11864_UNTREATED_VS_CSF1_IFNG_IN_MAC_UP
                                                                                                                                                               GSE22886_IGM_MEMORY_BCELL_VS_BM_PLASMA_CELL_UP, GSE22886_IGM_MEMORY_BCELL_VS_BM_PLASMA_CELL_UP
                                                                                                                                                               GSE22886 NAIVE TCELL VS DC UP, GSE22886 NAIVE TCELL VS DC UP
                                                                                                                                                               HP_ABNORMAL_NEUTROPHIL_COUNT, HP_ABNORMAL_NEUTROPHIL_COUNT
                                                                                                                                                               GSE40068_BCL6_POS_VS_NEG_CXCR5_POS_TFH_DN, GSE40068_BCL6_POS_VS_NEG_CXCR5_POS_TFH_DN
                                                                                                                                                               GSE5099_CLASSICAL_M1_VS_ALTERNATIVE_M2_MACROPHAGE_UP, GSE5099_CLASSICAL_M1_VS_ALTERNATIVE_M2_MACROPHAGE_UP
                                                                                                                                                               GSE34156_NOD2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_24H_TREATED_MONOCYTE_DN, GSE34156_NOD2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_24H_TREATED_MONOCYTE_DN
                                                                                                                                                               GSE5099_DAY3_VS_DAY7_MCSF_TREATED_MACROPHAGE_UP, GSE5099_DAY3_VS_DAY7_MCSF_TREATED_MACROPHAGE_UP
                                                                                                                                                               GSE369_PRE_VS_POST_IL6_INJECTION_SOCS3_KO_LIVER_UP, GSE369_PRE_VS_POST_IL6_INJECTION_SOCS3_KO_LIVER_UP
                                                                                                                                                               GSE11864_UNTREATED_VS_CSF1_IN_MAC_UP, GSE11864_UNTREATED_VS_CSF1_IN_MAC_UP
                                                                                                                                                               GSE40685_NAIVE_CD4_TCELL_VS_TREG_UP, GSE40685_NAIVE_CD4_TCELL_VS_TREG_UP
                                                                                                                                                               GSE3982_EOSINOPHIL_VS_BASOPHIL_DN, GSE3982_EOSINOPHIL_VS_BASOPHIL_DN
                                                                                                                                                               GSE28726_NAIVE_VS_ACTIVATED_CD4_TCELL_UP, GSE28726_NAIVE_VS_ACTIVATED_CD4_TCELL_UP
                                                                                                                                                               GSE20727_H2O2_VS_ROS_INHIBITOR_TREATED_DC_DN, GSE20727_H2O2_VS_ROS_INHIBITOR_TREATED_DC_DN
                                                                                                                                                               GSE29618_MONOCYTE_VS_PDC_DAY7_FLU_VACCINE_DN, GSE29618_MONOCYTE_VS_PDC_DAY7_FLU_VACCINE_DN
                                                                                                                                                               GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD4_TCELL_2H_UP, GSE2770_TGFB_AND_IL4_ACT_VS_ACT_CD4_TCELL_2H_UP
                                                                                                                                                               GSE17721_CTRL_VS_PAM3CSK4_24H_BMDC_UP, GSE17721_CTRL_VS_PAM3CSK4_24H_BMDC_UP
                                                                                                                                                               GSE26156_DOUBLE_POSITIVE_VS_CD4_SINGLE_POSITIVE_THYMOCYTE_UP, GSE26156_DOUBLE_POSITIVE_VS_CD4_SINGLE_POSITIVE_THYMOCYTE_UP
                                                                                                                                                               GSE10239_NAIVE_VS_KLRG1HIGH_EFF_CD8_TCELL_UP, GSE10239_NAIVE_VS_KLRG1HIGH_EFF_CD8_TCELL_UP
                                                                                                                                                               GSE32034_UNTREATED_VS_ROSIGLIZATONE_TREATED_LY6C_HIGH_MONOCYTE_DN, GSE32034_UNTREATED_VS_ROSIGLIZATONE_TREATED_LY6C_HIGH_MONOCYTE_DN
                                                                                                                                                               GSE29617_CTRL_VS_DAY7_TIV_FLU_VACCINE_PBMC_2008_DN, GSE29617_CTRL_VS_DAY7_TIV_FLU_VACCINE_PBMC_2008_DN
                                                                                                                                                               GSE22886_NAIVE_CD8_TCELL_VS_DC_UP, GSE22886_NAIVE_CD8_TCELL_VS_DC_UP
                                                                                                                                                               KAECH_NAIVE_VS_DAY8_EFF_CD8_TCELL_UP, KAECH_NAIVE_VS_DAY8_EFF_CD8_TCELL_UP
                                                                                                                                                               GSE27434_WT_VS_DNMT1_KO_TREG_UP, GSE27434_WT_VS_DNMT1_KO_TREG_UP
                                                                                                                                                               GSE32986 GMCSF_VS_GMCSF_AND_CURDLAN_LOWDOSE_STIM_DC_DN, GSE32986_GMCSF_VS_GMCSF_AND_CURDLAN_LOWDOSE_STIM_DC_DN
                                                                                                                                                               KAECH_DAY8_EFF_VS_MEMORY_CD8_TCELL_DN, KAECH_DAY8_EFF_VS_MEMORY_CD8_TCELL_DN
                                                                                                                                                               AIZARANI LIVER C3 NK NKT CELLS 2, AIZARANI LIVER C3 NK NKT CELLS 2
                                                                                                                                                               GOLDRATH_EFF_VS_MEMORY_CD8_TCELL_DN, GOLDRATH_EFF_VS_MEMORY_CD8_TCELL_DN
                                                                                                                                                               GSE14000_TRANSLATED_RNA_VS_MRNA_4H_LPS_DC_DN, GSE14000_TRANSLATED_RNA_VS_MRNA_4H_LPS_DC_DN
                                                                                                                                                               GSE24634 NAIVE CD4 TCELL VS DAY5 IL4 CONV TREG UP, GSE24634 NAIVE CD4 TCELL VS DAY5 IL4 CONV TREG UP
                                                                                                                                                               GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH1_UP, GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH1_UP
                                                                                                                                                               GSE32034_LY6C_HIGH_VS_LOW_ROSIGLIZATONE_TREATED_MONOCYTE_UP, GSE32034_LY6C_HIGH_VS_LOW_ROSIGLIZATONE_TREATED_MONOCYTE_UP
                                                                                                                                                               GSE34156_UNTREATED_VS_24H_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_DN, GSE34156_UNTREATED_VS_24H_TLR1_TLR2_LIGAND_TREATED_MONOCYTE_DN
                                                                                                                                                               GSE34156_NOD2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_6H_TREATED_MONOCYTE_UP, GSE34156_NOD2_LIGAND_VS_NOD2_AND_TLR1_TLR2_LIGAND_6H_TREATED_MONOCYTE_UP
                                                                                                                                                               GSE3982_CTRL_VS_IGE_STIM_MAST_CELL_UP, GSE3982_CTRL_VS_IGE_STIM_MAST_CELL_UP
                                                                                                                                                               GSE3982_MAC_VS_BASOPHIL_DN, GSE3982_MAC_VS_BASOPHIL_DN
                                                                                                                                                               GSE22886 NAIVE CD4_TCELL_VS_48H_ACT_TH2_UP, GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH2_UP
                                                                                                                                                               GSE1460_DP_THYMOCYTE_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_DN, GSE1460_DP_THYMOCYTE_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_DN
                                                                                                                                                               GSE26488_WT_VS_VP16_TRANSGENIC_HDAC7_KO_DOUBLE_POSITIVE_THYMOCYTE_DN, GSE26488_WT_VS_VP16_TRANSGENIC_HDAC7_KO_DOUBLE_POSITIVE_THYMOCYTE_DN
                                                                                                                                                               GSE5099_UNSTIM_VS_MCSF_TREATED_MONOCYTE_DAY3_UP, GSE5099_UNSTIM_VS_MCSF_TREATED_MONOCYTE_DAY3_UP
                                                                                                                                                               GSE21670_IL6_VS_TGFB_AND_IL6_TREATED_CD4_TCELL_UP, GSE21670_IL6_VS_TGFB_AND_IL6_TREATED_CD4_TCELL_UP
                                                                                                                                                               GGAANCGGAANY_UNKNOWN, GGAANCGGAANY_UNKNOWN
                                                                                                                                                               GSE39110_DAY3_VS_DAY6_POST_IMMUNIZATION_CD8_TCELL_UP, GSE39110_DAY3_VS_DAY6_POST_IMMUNIZATION_CD8_TCELL_UP
                                                                                                                                                               GSE3982_MAC_VS_BCELL_DN, GSE3982_MAC_VS_BCELL_DN
                                                                                                                                                               GSE24574_BCL6_HIGH_VS_LOW_TFH_CD4_TCELL_UP, GSE24574_BCL6_HIGH_VS_LOW_TFH_CD4_TCELL_UP
                                                                                                                                                               GSE1925_CTRL_VS_3H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_UP, GSE1925_CTRL_VS_3H_IFNG_STIM_IFNG_PRIMED_MACROPHAGE_UP
                                                                                                                                                               GSE19401_UNSTIM_VS_RETINOIC_ACID_STIM_FOLLICULAR_DC_DN, GSE19401_UNSTIM_VS_RETINOIC_ACID_STIM_FOLLICULAR_DC_DN
                                                                                                                                                               GSE339_CD4POS_VS_CD8POS_DC_IN_CULTURE_DN, GSE339_CD4POS_VS_CD8POS_DC_IN_CULTURE_DN
                                                                                                                                                               GSE36392_TYPE_2_MYELOID_VS_EOSINOPHIL_IL25_TREATED_LUNG_UP, GSE36392_TYPE_2_MYELOID_VS_EOSINOPHIL_IL25_TREATED_LUNG_UP
                                                                                                                                                               GOBP_RIBOSOMAL_SMALL_SUBUNIT_BIOGENESIS, GOBP_RIBOSOMAL_SMALL_SUBUNIT_BIOGENESIS
                                                                                                                                                               GSE360_L_DONOVANI_VS_M_TUBERCULOSIS_MAC_UP, GSE360_L_DONOVANI_VS_M_TUBERCULOSIS_MAC_UP
                                                                                                                                                                ACEVEDO_NORMAL_TISSUE_ADJACENT_TO_LIVER_TUMOR_UP, ACEVEDO_NORMAL_TISSUE_ADJACENT_TO_LIVER_TUMOR_UP
                                                                                                                                                               HP_ABNORMALITY_OF_THE_FRONTAL_HAIRLINE, HP_ABNORMALITY_OF_THE_FRONTAL_HAIRLINE
                                                                                                                                                               GSE7460_TREG_VS_TCONV_ACT_WITH_TGFB_DN, GSE7460_TREG_VS_TCONV_ACT_WITH_TGFB_DN
                                                                                                                                                               HP_CLEFT_SOFT_PALATE, HP_CLEFT_SOFT_PALATE
                                                                                                                                                               GSE1460_CD4_THYMOCYTE_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_DN, GSE1460_CD4_THYMOCYTE_VS_NAIVE_CD4_TCELL_ADULT_BLOOD_DN
                                                                                                                                                               GSE8685_IL15_ACT_IL2_STARVED_VS_IL21_ACT_IL2_STARVED_CD4_TCELL_DN, GSE8685_IL15_ACT_IL2_STARVED_VS_IL21_ACT_IL2_STARVED_CD4_TCELL_DN
                                                                                                                                                               GSE21033_1H_VS_24H_POLYIC_STIM_DC_DN, GSE21033_1H_VS_24H_POLYIC_STIM_DC_DN
                                                                                                                                                               TRAVAGLINI LUNG CLUB CELL, TRAVAGLINI LUNG CLUB CELL
                                                                                                                                                               GSE17721_PAM3CSK4_VS_CPG_0.5H_BMDC_DN, GSE17721_PAM3CSK4_VS_CPG_0.5H_BMDC_DN
                                                                                                                                                               GOMF_RRNA_BINDING, GOMF_RRNA_BINDING
                                                                                                                                                               GSE22886_IGG_IGA_MEMORY_BCELL_VS_BLOOD_PLASMA_CELL_UP, GSE22886_IGG_IGA_MEMORY_BCELL_VS_BLOOD_PLASMA_CELL_UP
                                                                                                                                                               GSE29618_BCELL_VS_MONOCYTE_DAY7_FLU_VACCINE_UP, GSE29618_BCELL_VS_MONOCYTE_DAY7_FLU_VACCINE_UP
                                                                                                                                                               LAKE ADULT KIDNEY C6 PROXIMAL TUBULE EPITHELIAL CELLS FIBRINOGEN POS S3, LAKE ADULT KIDNEY C6 PROXIMAL TUBULE EPITHELIAL CELLS FIBRINOGEN POS S3
                                                                                                                                                               LINDGREN_BLADDER_CANCER_CLUSTER_1_UP, LINDGREN_BLADDER_CANCER_CLUSTER_1_UP
                                                                                                                                                               HP RENAL AGENESIS, HP RENAL AGENESIS
                                                                                                                                                               GSE29618_BCELL_VS_MONOCYTE_UP, GSE29618_BCELL_VS_MONOCYTE_UP
                                                                                                                                                               GSE22886 NAIVE BCELL VS DC UP, GSE22886 NAIVE BCELL VS DC UP
                                                                                                                                                                AIZARANI_LIVER_C1_NK_NKT_CELLS_1, AIZARANI_LIVER_C1_NK_NKT_CELLS_1
                                                                                                                                                               GSE25087 TREG VS TCONV ADULT DN, GSE25087 TREG VS TCONV ADULT DN
                                                                                                                                                               HP_LOW_ANTERIOR_HAIRLINE, HP_LOW_ANTERIOR_HAIRLINE
                                                                                                                                                               HP_APLASIA_HYPOPLASIA_OF_THE_EAR, HP_APLASIA_HYPOPLASIA_OF_THE_EAR
                                                                                                                                                               GSE3920_IFNB_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP, GSE3920_IFNB_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP
                                                                                                                                                               GNF2 TPT1, GNF2 TPT1
                                                                                                                                                               NAKAYA_PBMC_FLUARIX_FLUVIRIN_AGE_18_50YO_CORRELATED_WITH_HAI_28DY_RESPONSE_AT_7DY_POSITIVE, NAKAYA_PBMC_FLUARIX_FLUVIRIN_AGE_18_50YO_CORRELATED_WITH_HAI_28DY_RESPONSE_AT_7DY_POSITIVE
                                                                                                                                                               GSE12505_WT_VS_E2_2_HET_PDC_DN, GSE12505_WT_VS_E2_2_HET_PDC_DN
                                                                                                                                                               GSE3982 MAC VS CENT MEMORY CD4 TCELL DN, GSE3982 MAC VS CENT MEMORY CD4 TCELL DN
                                                                                                                                                               HP_HYDROPS_FETALIS, HP_HYDROPS_FETALIS
                                                                                                                                                               GSE24574_NAIVE_VS_TCONV_CD4_TCELL_UP, GSE24574_NAIVE_VS_TCONV_CD4_TCELL_UP
                                                                                                                                                               BHATI G2M ARREST BY 2METHOXYESTRADIOL DN, BHATI G2M ARREST BY 2METHOXYESTRADIOL DN
                                                                                                                                                               FAN OVARY CL2 PUTATIVE EARLY ATRETIC FOLLICLE THECAL CELL 1, FAN OVARY CL2 PUTATIVE EARLY ATRETIC FOLLICLE THECAL CELL 1
                                                                                                                                                               GSE6269 FLU VS STREP PNEUMO INF PBMC DN, GSE6269 FLU VS STREP PNEUMO INF PBMC DN
                                                                                                                                                               SCHERER PBMC_APSV_WETVAX_AGE_18_32YO_5_TO_7DY_DN, SCHERER_PBMC_APSV_WETVAX_AGE_18_32YO_5_TO_7DY_DN
                                                                                                                                                               GSE9006_TYPE_1_DIABETES_AT_DX_VS_1MONTH_POST_DX_PBMC_DN, GSE9006_TYPE_1_DIABETES_AT_DX_VS_1MONTH_POST_DX_PBMC_DN
                                                                                                                                                               GSE1460 CD4_THYMOCYTE_VS_NAIVE_CD4_TCELL_CORD_BLOOD_DN, GSE1460_CD4_THYMOCYTE_VS_NAIVE_CD4_TCELL_CORD_BLOOD_DN
                                                                                                                                                               GSE17974 IL4 AND ANTI IL12 VS UNTREATED 0.5H ACT CD4 TCELL UP, GSE17974 IL4 AND ANTI IL12 VS UNTREATED 0.5H ACT CD4 TCELL UP
                                                                                                                                                               {\sf GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEIN\_MODIFICATION\_BY\_SMALL\_PROTEIN\_CONJUGATION\_OR\_REMOVAL, GOBP\_NEGATIVE\_REGULATION\_OF\_PROTEIN\_MODIFICATION\_BY\_SMALL\_PROTEIN\_CONJUGATION\_OR\_REMOVAL
                                                                                                                                                               GSE25123_WT_VS_PPARG_KO_MACROPHAGE_IL4_STIM_UP, GSE25123_WT_VS_PPARG_KO_MACROPHAGE_IL4_STIM_UP
                                                                                                                                                               HP_THROMBOCYTOSIS, HP_THROMBOCYTOSIS
                                                                                                                                                               GSE5589_WT_VS_IL10_KO_LPS_AND_IL6_STIM_MACROPHAGE_45MIN_DN, GSE5589_WT_VS_IL10_KO_LPS_AND_IL6_STIM_MACROPHAGE_45MIN_DN
                                                                                                                                                               HP_APLASIA_HYPOPLASIA_OF_THE_THUMB, HP_APLASIA_HYPOPLASIA_OF_THE_THUMB
                                                                                                                                                               HP_CLEFT_LIP, HP_CLEFT_LIP
                                                                                                                                                               HP SHORT THUMB, HP SHORT THUMB
                                                                                                                                                               GSE22886_IGM_MEMORY_BCELL_VS_BLOOD_PLASMA_CELL_UP, GSE22886_IGM_MEMORY_BCELL_VS_BLOOD_PLASMA_CELL_UP
                                                                                                                                                               GSE2585_THYMIC_DC_VS_THYMIC_MACROPHAGE_DN, GSE2585_THYMIC_DC_VS_THYMIC_MACROPHAGE_DN
                                                                                                                                                              GOBP_MATURATION_OF_SSU_RRNA, GOBP_MATURATION_OF_SSU_RRNA
                                                                                                                                                              GSE3982_DC_VS_CENT_MEMORY_CD4_TCELL_DN, GSE3982_DC_VS_CENT_MEMORY_CD4_TCELL_DN
                                                                                                                                                              GSE10239_NAIVE_VS_MEMORY_CD8_TCELL_DN, GSE10239_NAIVE_VS_MEMORY_CD8_TCELL_DN
                                                                                                                                                              GSE20727_CTRL_VS_DNFB_ALLERGEN_TREATED_DC_DN, GSE20727_CTRL_VS_DNFB_ALLERGEN_TREATED_DC_DN
                                                                                                                                                              GSE14413_UNSTIM_VS_IFNB_STIM_NIH3T3_CELLS_UP, GSE14413_UNSTIM_VS_IFNB_STIM_NIH3T3_CELLS_UP
                                                                                                                                                              GOBP_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_BY_P53_CLASS_MEDIATOR, GOBP_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_BY_P53_CLASS_MEDIATOR
                                                                                                                                                              GSE22611_MUTANT_NOD2_VS_CTRL_TRANSDUCED_HEK293T_CELL_UP, GSE22611_MUTANT_NOD2_VS_CTRL_TRANSDUCED_HEK293T_CELL_UP
                                                                                                                                                             HP_GASTROINTESTINAL_CARCINOMA, HP_GASTROINTESTINAL_CARCINOMA
                                                                                                                                                             GOBP_NEGATIVE_REGULATION_OF_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS
                                                                                                                                                             HP_COARCTATION_OF_AORTA, HP_COARCTATION_OF_AORTA
                                                                                                                                                             HP_ACUTE_MYELOID_LEUKEMIA, HP_ACUTE_MYELOID_LEUKEMIA
                                                                                                                                                             HP_ERYTHROID_HYPOPLASIA, HP_ERYTHROID_HYPOPLASIA
                                                                                                                                                             HP_NEOPLASM_OF_THE_SKELETAL_SYSTEM, HP_NEOPLASM_OF_THE_SKELETAL_SYSTEM
                                                                                                                                                              GSE2585_THYMIC_DC_VS_MTEC_UP, GSE2585_THYMIC_DC_VS_MTEC_UP
                                                                                                                                                              GOBP_NEGATIVE_REGULATION_OF_PROTEIN_CATABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_PROTEIN_CATABOLIC_PROCESS
                                                                                                                                                               HP_WEBBED_NECK, HP_WEBBED_NECK
                                                                                                                                                               GSE25123_CTRL_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DN, GSE25123_CTRL_VS_IL4_AND_ROSIGLITAZONE_STIM_MACROPHAGE_DN
                                                                                                                                                               HP_ABNORMAL_ERYTHROCYTE_ENZYME_LEVEL, HP_ABNORMAL_ERYTHROCYTE_ENZYME_LEVEL
                                                                                                                                                               HP_NORMOCHROMIC_ANEMIA, HP_NORMOCHROMIC_ANEMIA
                                                                                                                                                               GSE3982_CENT_MEMORY_CD4_TCELL_VS_NKCELL_UP, GSE3982_CENT_MEMORY_CD4_TCELL_VS_NKCELL_UP
                                                                                                                                                               HP_MALIGNANT_GENITOURINARY_TRACT_TUMOR, HP_MALIGNANT_GENITOURINARY_TRACT_TUMOR
                                                                                                                                                              / GOBP_NEGATIVE_REGULATION_OF_CELLULAR_PROTEIN_CATABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_CELLULAR_PROTEIN_CATABOLIC_PROCESS
                                                                                                                                                              ✓ HP_BONE_MARROW_HYPOCELLULARITY, HP_BONE_MARROW_HYPOCELLULARITY
                                                                                                                                                              GSE10239_MEMORY_VS_KLRG1HIGH_EFF_CD8_TCELL_UP, GSE10239_MEMORY_VS_KLRG1HIGH_EFF_CD8_TCELL_UP
AL PROTEIN TARGETING TO MEMBRANE, REACTOME SRP DEPENDENT COTRANSLATIONAL PROTEIN TARGETING TO MEMBRANE
                                                                                                                                                              - HP_ADENOCARCINOMA_OF_THE_INTESTINES, HP_ADENOCARCINOMA_OF_THE_INTESTINES
                                                                                                                                                              GOBP_NEGATIVE_REGULATION_OF_PROTEOLYSIS_INVOLVED_IN_CELLULAR_PROTEIN_CATABOLIC_PROCESS, GOBP_NEGATIVE_REGULATION_OF_PROTEOLYSIS_INVOLVED_IN_CELLULAR_PROTEIN_CATABOLIC_PROCESS
                                                                                                                                                                HP_ABNORMALITY_OF_THE_MUSCULATURE_OF_THE_HAND, HP_ABNORMALITY_OF_THE_MUSCULATURE_OF_THE_HAND
                                                                                                                                                                MODULE_279, MODULE_279
                                                                                                                                                                TONG_INTERACT_WITH_PTTG1, TONG_INTERACT_WITH_PTTG1
                                                                                                                                                                HP_ADENOCARCINOMA_OF_THE_LARGE_INTESTINE, HP_ADENOCARCINOMA_OF_THE_LARGE_INTESTINE
                                                                                                                                                                HP_DEVELOPMENTAL_CATARACT, HP_DEVELOPMENTAL_CATARACT
                                                                                                                                                               GOBP_POSITIVE_REGULATION_OF_APOPTOTIC_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_APOPTOTIC_SIGNALING_PATHWAY
                                                                                                                                                                MODULE_192, MODULE_192
                                                                                                                                                               GOCC_POLYSOMAL_RIBOSOME, GOCC_POLYSOMAL_RIBOSOME
                                                                                                                                                               HP_ELEVATED_RED_CELL_ADENOSINE_DEAMINASE_LEVEL, HP_ELEVATED_RED_CELL_ADENOSINE_DEAMINASE_LEVEL
                                                                                                                                                               GSE13485_DAY3_VS_DAY7_YF17D_VACCINE_PBMC_UP, GSE13485_DAY3_VS_DAY7_YF17D_VACCINE_PBMC_UP
                                                                                                                                                               HP_NONIMMUNE_HYDROPS_FETALIS, HP_NONIMMUNE_HYDROPS_FETALIS
                                                                                                                                                               MODULE 334, MODULE 334
                                                                                                                                                               GSE2405_HEAT_KILLED_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_24H_DN, GSE2405_HEAT_KILLED_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_24H_DN
                                                                                                                                                               GATGKMRGCG_UNKNOWN, GATGKMRGCG_UNKNOWN
                                                                                                                                                              HP_ABNORMAL_MEAN_CORPUSCULAR_VOLUME, HP_ABNORMAL_MEAN_CORPUSCULAR_VOLUME
                                                                                                                                                              GSE24671_CTRL_VS_BAKIMULC_INFECTED_MOUSE_SPLENOCYTES_DN, GSE24671_CTRL_VS_BAKIMULC_INFECTED_MOUSE_SPLENOCYTES_DN
                                                                                                                                                              HP_ABNORMAL_RETICULOCYTE_MORPHOLOGY, HP_ABNORMAL_RETICULOCYTE_MORPHOLOGY
                                                                                                                                                              GSE19923_WT_VS_E2A_KO_DP_THYMOCYTE_UP, GSE19923_WT_VS_E2A_KO_DP_THYMOCYTE_UP
                                                                                                                                                              HP_PERSISTENCE_OF_HEMOGLOBIN_F, HP_PERSISTENCE_OF_HEMOGLOBIN_F
                                                                                                                                                              GSE13547_CTRL_VS_ANTI_IGM_STIM_BCELL_2H_DN, GSE13547_CTRL_VS_ANTI_IGM_STIM_BCELL_2H_DN
                                                                                                                                                               GSE20727_DNFB_ALLERGEN_VS_ROS_INH_AND_DNFB_ALLERGEN_TREATED_DC_UP, GSE20727_DNFB_ALLERGEN_VS_ROS_INH_AND_DNFB_ALLERGEN_TREATED_DC_UP
                                                                                                                                                               HP_ABNORMALITY_OF_THE_THENAR_EMINENCE, HP_ABNORMALITY_OF_THE_THENAR_EMINENCE
                                                                                                                                                              HP_INCREASED_MEAN_CORPUSCULAR_VOLUME, HP_INCREASED_MEAN_CORPUSCULAR_VOLUME
                                                                                                                                                               GSE43955_1H_VS_42H_ACT_CD4_TCELL_DN, GSE43955_1H_VS_42H_ACT_CD4_TCELL_DN
                                                                                                                                                               GNF2_MBD4, GNF2_MBD4
                                                                                                                                                               GOBP_POSITIVE_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY
                                                                                                                                                               GOBP_RIBOSOMAL_LARGE_SUBUNIT_ASSEMBLY, GOBP_RIBOSOMAL_LARGE_SUBUNIT_ASSEMBLY
                                                                                                                                                               LEE_LIVER_CANCER_MYC_UP, LEE_LIVER_CANCER_MYC_UP
                                                                                                                                                               HP_DEVELOPMENTAL_GLAUCOMA, HP_DEVELOPMENTAL_GLAUCOMA
                                                                                                                                                               GSE1460_DP_THYMOCYTE_VS_NAIVE_CD4_TCELL_CORD_BLOOD_DN, GSE1460_DP_THYMOCYTE_VS_NAIVE_CD4_TCELL_CORD_BLOOD_DN
                                                                                                                                                               GSE13887_RESTING_VS_NO_TREATED_CD4_TCELL_DN, GSE13887_RESTING_VS_NO_TREATED_CD4_TCELL_DN
                                                                                                                                                               GOBP_PEPTIDYL_ASPARAGINE_MODIFICATION, GOBP_PEPTIDYL_ASPARAGINE_MODIFICATION
                                                                                                                                                               DIRMEIER_LMP1_RESPONSE_EARLY, DIRMEIER_LMP1_RESPONSE_EARLY
                                                                                                                                                               HP_RETICULOCYTOPENIA, HP_RETICULOCYTOPENIA
                                                                                                                                                               HP_ABNORMALITY_OF_VITAMIN_METABOLISM, HP_ABNORMALITY_OF_VITAMIN_METABOLISM
                                                                                                                                                               HP_APLASIA_OF_THE_FINGERS, HP_APLASIA_OF_THE_FINGERS
                                                                                                                                                               HP_PARTIAL_DUPLICATION_OF_THE_PHALANX_OF_HAND, HP_PARTIAL_DUPLICATION_OF_THE_PHALANX_OF_HAND
                                                                                                                                                                HP_ABNORMAL_SCAPULA_MORPHOLOGY, HP_ABNORMAL_SCAPULA_MORPHOLOGY
                                                                                                                                                               REACTOME_TNFR1_INDUCED_NFKAPPAB_SIGNALING_PATHWAY, REACTOME_TNFR1_INDUCED_NFKAPPAB_SIGNALING_PATHWAY
                                                                                                                                                                GSE10422_WT_VS_BAFF_TRANSGENIC_LN_BCELL_DN, GSE10422_WT_VS_BAFF_TRANSGENIC_LN_BCELL_DN
                                                                                                                                                               HOLLEMAN VINCRISTINE RESISTANCE B ALL DN, HOLLEMAN VINCRISTINE RESISTANCE B ALL DN
                                                                                                                                                               REACTOME_REGULATION_OF_TNFR1_SIGNALING, REACTOME_REGULATION_OF_TNFR1_SIGNALING
                                                                                                                                                               HP_DUPLICATION_OF_THUMB_PHALANX, HP_DUPLICATION_OF_THUMB_PHALANX
                                                                                                                                                               MORI_SMALL_PRE_BII_LYMPHOCYTE_UP, MORI_SMALL_PRE_BII_LYMPHOCYTE_UP
                                                                                                                                                               REACTOME_ER_QUALITY_CONTROL_COMPARTMENT_ERQC, REACTOME_ER_QUALITY_CONTROL_COMPARTMENT_ERQC
                                                                                                                                                               GSE19825_NAIVE_VS_IL2RAHIGH_DAY3_EFF_CD8_TCELL_UP, GSE19825_NAIVE_VS_IL2RAHIGH_DAY3_EFF_CD8_TCELL_UP
                                                                                                                                                               HAY_BONE_MARROW_CD34_POS_HSC, HAY_BONE_MARROW_CD34_POS_HSC
                                                                                                                                                               GSE3982_EFF_MEMORY_CD4_TCELL_VS_NKCELL_UP, GSE3982_EFF_MEMORY_CD4_TCELL_VS_NKCELL_UP
                                                                                                                                                               GOBP NUCLEOTIDE BINDING DOMAIN LEUCINE RICH REPEAT CONTAINING RECEPTOR SIGNALING PATHWAY, GOBP NUCLEOTIDE BINDING DOMAIN LEUCINE RICH REPEAT CONTAINING RECEPTOR SIGNALING PATHWAY
                                                                                                                                                               HEDENFALK_BREAST_CANCER_BRACX_UP, HEDENFALK_BREAST_CANCER_BRACX_UP
                                                                                                                                                               REACTOME_TAK1_ACTIVATES_NFKB_BY_PHOSPHORYLATION_AND_ACTIVATION_OF_IKKS_COMPLEX, REACTOME_TAK1_ACTIVATES_NFKB_BY_PHOSPHORYLATION_AND_ACTIVATION_OF_IKKS_COMPLEX
                                                                                                                                                               REACTOME_FLT3_SIGNALING_IN_DISEASE, REACTOME_FLT3_SIGNALING_IN_DISEASE
                                                                                                                                                               GSE10147 IL3 VS IL3 AND HIVP17 STIM PDC DN, GSE10147 IL3 VS IL3 AND HIVP17 STIM PDC DN
                                                                                                                                                               BERTUCCI_INVASIVE_CARCINOMA_DUCTAL_VS_LOBULAR_DN, BERTUCCI_INVASIVE_CARCINOMA_DUCTAL_VS_LOBULAR_DN
                                                                                                                                                               REACTOME SPRY REGULATION OF FGF SIGNALING, REACTOME SPRY REGULATION OF FGF SIGNALING
                                                                                                                                                               REACTOME_REGULATION_OF_BACH1_ACTIVITY, REACTOME_REGULATION_OF_BACH1_ACTIVITY
                                                                                                                                                               HP NORMOCYTIC ANEMIA, HP NORMOCYTIC ANEMIA
                                                                                                                                                               GSE13485_DAY7_VS_DAY21_YF17D_VACCINE_PBMC_DN, GSE13485_DAY7_VS_DAY21_YF17D_VACCINE_PBMC_DN
                                                                                                                                                               REACTOME REGULATION OF TP53 ACTIVITY THROUGH METHYLATION, REACTOME REGULATION OF TP53 ACTIVITY THROUGH METHYLATION
                                                                                                                                                               GSE9946_MATURE_STIMULATORY_VS_LISTERIA_INF_MATURE_DC_DN, GSE9946_MATURE_STIMULATORY_VS_LISTERIA_INF_MATURE_DC_DN
                                                                                                                                                               GSE32901_TH17_EMRICHED_VS_TH17_NEG_CD4_TCELL_UP, GSE32901_TH17_EMRICHED_VS_TH17_NEG_CD4_TCELL_UP
                                                                                                                                                               KYNG_RESPONSE_TO_H2O2_VIA_ERCC6, KYNG_RESPONSE_TO_H2O2_VIA_ERCC6
                                                                                                                                                               GSE4142_NAIVE_VS_MEMORY_BCELL_DN, GSE4142_NAIVE_VS_MEMORY_BCELL_DN
                                                                                                                                                               HP_LOW_LEVELS_OF_VITAMIN_D, HP_LOW_LEVELS_OF_VITAMIN_D
                                                                                                                                                               AIZARANI LIVER C38 RESIDENT B CELLS 3, AIZARANI LIVER C38 RESIDENT B CELLS 3
                                                                                                                                                               REACTOME_NOTCH2_ACTIVATION_AND_TRANSMISSION_OF_SIGNAL_TO_THE_NUCLEUS, REACTOME_NOTCH2_ACTIVATION_AND_TRANSMISSION_OF_SIGNAL_TO_THE_NUCLEUS
                                                                                                                                                               CUI_DEVELOPING_HEART_COMPACT_ATRIAL_CARDIOMYOCYTE, CUI_DEVELOPING_HEART_COMPACT_ATRIAL_CARDIOMYOCYTE
                                                                                                                                                               REACTOME NEGATIVE REGULATION OF FGFR2 SIGNALING, REACTOME NEGATIVE REGULATION OF FGFR2 SIGNALING
                                                                                                                                                               HP LOWER LIMB METAPHYSEAL IRREGULARITY, HP LOWER LIMB METAPHYSEAL IRREGULARITY
                                                                                                                                                               REACTOME ALPHA PROTEIN KINASE 1 SIGNALING PATHWAY, REACTOME ALPHA PROTEIN KINASE 1 SIGNALING PATHWAY
                                                                                                                                                               GSE10147_IL3_AND_HIVP17_VS_IL3_AND_CPG_STIM_PDC_UP, GSE10147_IL3_AND_HIVP17_VS_IL3_AND_CPG_STIM_PDC_UP
                                                                                                                                                               REACTOME_IKK_COMPLEX_RECRUITMENT_MEDIATED_BY_RIP1, REACTOME_IKK_COMPLEX_RECRUITMENT_MEDIATED_BY_RIP1
                                                                                                                                                               GSE13762_CTRL_VS_125_VITAMIND_DAY5_DC_UP, GSE13762_CTRL_VS_125_VITAMIND_DAY5_DC_UP
                                                                                                                                                               REACTOME TICAM1 RIP1 MEDIATED IKK COMPLEX RECRUITMENT, REACTOME TICAM1 RIP1 MEDIATED IKK COMPLEX RECRUITMENT
                                                                                                                                                               GOMF_FIBROBLAST_GROWTH_FACTOR_BINDING, GOMF_FIBROBLAST_GROWTH_FACTOR_BINDING
                                                                                                                                                               GOBP_ANTIMICROBIAL_HUMORAL_RESPONSE, GOBP_ANTIMICROBIAL_HUMORAL_RESPONSE
                                                                                                                                                               TRAVAGLINI_LUNG_CD8_MEMORY_EFFECTOR_T_CELL, TRAVAGLINI_LUNG_CD8_MEMORY_EFFECTOR_T_CELL
                                                                                                                                                               REACTOME_JOSEPHIN_DOMAIN_DUBS, REACTOME_JOSEPHIN_DOMAIN_DUBS
                                                                                                                                                               REACTOME_SIGNALING_BY_ERBB4, REACTOME_SIGNALING_BY_ERBB4
                                                                                                                                                               GOBP_POSITIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR, GOBP_POSITIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR
                                                                                                                                                               REACTOME_NEGATIVE_REGULATION_OF_FGFR1_SIGNALING, REACTOME_NEGATIVE_REGULATION_OF_FGFR1_SIGNALING
                                                                                                                                                               GOBP_NEGATIVE_REGULATION_OF_UBIQUITIN_PROTEIN_TRANSFERASE_ACTIVITY, GOBP_NEGATIVE_REGULATION_OF_UBIQUITIN_PROTEIN_TRANSFERASE_ACTIVITY
                                                                                                                                                               HP_PHARYNGITIS, HP_PHARYNGITIS
                                                                                                                                                               REACTOME_SIGNALING_BY_NOTCH3, REACTOME_SIGNALING_BY_NOTCH3
                                                                                                                                                               REACTOME_GLYCOGEN_METABOLISM, REACTOME_GLYCOGEN_METABOLISM
                                                                                                                                                               HP_RECURRENT_EAR_INFECTIONS, HP_RECURRENT_EAR_INFECTIONS
                                                                                                                                                               REACTOME_MAP3K8_TPL2_DEPENDENT_MAPK1_3_ACTIVATION, REACTOME_MAP3K8_TPL2_DEPENDENT_MAPK1_3_ACTIVATION
                                                                                                                                                               REACTOME ACTIVATED NOTCH1 TRANSMITS SIGNAL TO THE NUCLEUS, REACTOME ACTIVATED NOTCH1 TRANSMITS SIGNAL TO THE NUCLEUS
                                                                                                                                                               REACTOME_NEGATIVE_REGULATION_OF_FGFR4_SIGNALING, REACTOME_NEGATIVE_REGULATION_OF_FGFR4_SIGNALING
                                                                                                                                                               REACTOME_NEGATIVE_REGULATION_OF_FGFR3_SIGNALING, REACTOME_NEGATIVE_REGULATION_OF_FGFR3_SIGNALING
                                                                                                                                                               REACTOME_REGULATION_OF_INNATE_IMMUNE_RESPONSES_TO_CYTOSOLIC_DNA, REACTOME_REGULATION_OF_INNATE_IMMUNE_RESPONSES_TO_CYTOSOLIC_DNA
                                                                                                                                                               HP_HYPOPLASIA_OF_THE_RADIUS, HP_HYPOPLASIA_OF_THE_RADIUS
                                                                                                                                                               REACTOME_NOTCH3_ACTIVATION_AND_TRANSMISSION_OF_SIGNAL_TO_THE_NUCLEUS, REACTOME_NOTCH3_ACTIVATION_AND_TRANSMISSION_OF_SIGNAL_TO_THE_NUCLEUS
                                                                                                                                                               MIR139_3P, MIR139_3P
                                                                                                                                                               HAHTOLA_MYCOSIS_FUNGOIDES_DN, HAHTOLA_MYCOSIS_FUNGOIDES_DN
                                                                                                                                                               HP_ABNORMALITY_OF_UPPER_LIMB_METAPHYSIS, HP_ABNORMALITY_OF_UPPER_LIMB_METAPHYSIS
                                                                                                                                                               GOBP_CELLULAR_RESPONSE_TO_ANTIBIOTIC, GOBP_CELLULAR_RESPONSE_TO_ANTIBIOTIC
                                                                                                                                                               AMIT_SERUM_RESPONSE_20_MCF10A, AMIT_SERUM_RESPONSE_20_MCF10A
                                                                                                                                                               REACTOME_SIGNALING_BY_NOTCH1_HD_DOMAIN_MUTANTS_IN_CANCER, REACTOME_SIGNALING_BY_NOTCH1_HD_DOMAIN_MUTANTS_IN_CANCER
                                                                                                                                                               HP_ABNORMALITY_OF_VITAMIN_K_METABOLISM, HP_ABNORMALITY_OF_VITAMIN_K_METABOLISM
                                                                                                                                                               GOBP_POSITIVE_REGULATION_OF_T_CELL_RECEPTOR_SIGNALING_PATHWAY, GOBP_POSITIVE_REGULATION_OF_T_CELL_RECEPTOR_SIGNALING_PATHWAY
                                                                                                                                                               MIR1292_5P, MIR1292_5P
                                                                                                                                                               GOCC_SIGNAL_RECOGNITION_PARTICLE, GOCC_SIGNAL_RECOGNITION_PARTICLE
                                                                                                                                                               HP_APLASTIC_ANEMIA, HP_APLASTIC_ANEMIA
                                                                                                                                                               HP_11_PAIRS_OF_RIBS, HP_11_PAIRS_OF_RIBS
                                                                                                                                                               GOBP_POSITIVE_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR, GOBP_POSITIVE_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR
                                                                                                                                                               GOBP_OPTIC_NERVE_DEVELOPMENT, GOBP_OPTIC_NERVE_DEVELOPMENT
                                                                                                                                                               LEE_NAIVE_T_LYMPHOCYTE, LEE_NAIVE_T_LYMPHOCYTE
                                                                                                                                                               REACTOME_P75NTR_SIGNALS_VIA_NF_KB, REACTOME_P75NTR_SIGNALS_VIA_NF_KB
                                                                                                                                                               HP_PROXIMAL_FEMORAL_EPIPHYSIOLYSIS, HP_PROXIMAL_FEMORAL_EPIPHYSIOLYSIS
                                                                                                                                                               HP_TRANSIENT_NEUTROPENIA, HP_TRANSIENT_NEUTROPENIA
                                                                                                                                                               SCHERER_PBMC_APSV_WETVAX_AGE_18_40YO_5_TO_7DY_DN, SCHERER_PBMC_APSV_WETVAX_AGE_18_40YO_5_TO_7DY_DN
                                                                                                                                                               REACTOME_DOWNREGULATION_OF_ERBB2_SIGNALING, REACTOME_DOWNREGULATION_OF_ERBB2_SIGNALING
                                                                                                                                                               ODONNELL_METASTASIS_DN, ODONNELL_METASTASIS_DN
                                                                                                                                                               REACTOME_DOWNREGULATION_OF_ERBB2_ERBB3_SIGNALING, REACTOME_DOWNREGULATION_OF_ERBB2_ERBB3_SIGNALING
                                                                                                                                                               REACTOME_GLYCOGEN_SYNTHESIS, REACTOME_GLYCOGEN_SYNTHESIS
                                                                                                                                                               REACTOME_ACTIVATION_OF_IRF3_IRF7_MEDIATED_BY_TBK1_IKK_EPSILON, REACTOME_ACTIVATION_OF_IRF3_IRF7_MEDIATED_BY_TBK1_IKK_EPSILON
                                                                                                                                                               GOBP_SRP_DEPENDENT_COTRANSLATIONAL_PROTEIN_TARGETING_TO_MEMBRANE_SIGNAL_SEQUENCE_RECOGNITION, GOBP_SRP_DEPENDENT_TARGETING_TO_MEMBRANE_SIGNAL_SEQUENCE_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING_TO_TARGETING
                                                                                                                                                                HP_ABNORMAL_CIRCULATING_AMYLASE_LEVEL, HP_ABNORMAL_CIRCULATING_AMYLASE_LEVEL
                                                                                                                                                               GOBP_DEFENSE_RESPONSE_TO_GRAM_NEGATIVE_BACTERIUM, GOBP_DEFENSE_RESPONSE_TO_GRAM_NEGATIVE_BACTERIUM
                                                                                                                                                               GOBP_NEGATIVE_REGULATION_OF_CYTOPLASMIC_TRANSLATION, GOBP_NEGATIVE_REGULATION_OF_CYTOPLASMIC_TRANSLATION
                                                                                                                                                                HP_ABNORMAL_RIB_OSSIFICATION, HP_ABNORMAL_RIB_OSSIFICATION
                                                                                                                                                               GOBP_PRONEPHROS_DEVELOPMENT, GOBP_PRONEPHROS_DEVELOPMENT
                                                                                                                                                               GOBP_REGULATION_OF_TRANSLATIONAL_ELONGATION, GOBP_REGULATION_OF_TRANSLATIONAL_ELONGATION
                                                                                                                                                               HALLMARK_PANCREAS_BETA_CELLS, HALLMARK_PANCREAS_BETA_CELLS
                                                                                                                                                               HP_PANCREATIC_HYPOPLASIA, HP_PANCREATIC_HYPOPLASIA
                                                                                                                                                               REACTOME_NRIF_SIGNALS_CELL_DEATH_FROM_THE_NUCLEUS, REACTOME_NRIF_SIGNALS_CELL_DEATH_FROM_THE_NUCLEUS
                                                                                                                                                               HP_TRICUSPID_STENOSIS, HP_TRICUSPID_STENOSIS
                                                                                                                                                               GOBP_EXOCRINE_PANCREAS_DEVELOPMENT, GOBP_EXOCRINE_PANCREAS_DEVELOPMENT
                                                                                                                                                               HP PARIETAL FORAMINA, HP PARIETAL FORAMINA
                                                                                                                                                                GOMF_LAMININ_BINDING, GOMF_LAMININ_BINDING
                                                                                                                                                                OUELLET_OVARIAN_CANCER_INVASIVE_VS_LMP_DN, OUELLET_OVARIAN_CANCER_INVASIVE_VS_LMP_DN
                                                                                                                                                                HP_ENLARGED_METAPHYSES, HP_ENLARGED_METAPHYSES
                                                                                                                                                                HP_ABNORMALITY_OF_THE_COSTOCHONDRAL_JUNCTION, HP_ABNORMALITY_OF_THE_COSTOCHONDRAL_JUNCTION
                                                                                                                                                                HP_ABNORMAL_PANCREAS_SIZE, HP_ABNORMAL_PANCREAS_SIZE
                                                                                                                                                               GOBP_AXIAL_MESODERM_DEVELOPMENT, GOBP_AXIAL_MESODERM_DEVELOPMENT
                                                                                                                                                               HP_STENOSIS_OF_THE_EXTERNAL_AUDITORY_CANAL, HP_STENOSIS_OF_THE_EXTERNAL_AUDITORY_CANAL
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