```
GSE9988_ANTI_TREM1_VS_LPS_MONOCYTE_UP, GSE9988_ANTI_TREM1_VS_LPS_MONOCYTE_UP
                                                                                                               GSE9988 ANTI TREM1 VS LOW LPS MONOCYTE UP, GSE9988 ANTI TREM1 VS LOW LPS MONOCYTE UP
                                                                                                               GSE22140_GERMFREE_VS_SPF_MOUSE_CD4_TCELL_DN, GSE22140_GERMFREE_VS_SPF_MOUSE_CD4_TCELL_DN
                                                                                                               GSE27859_MACROPHAGE_VS_CD11C_INT_F480_HI_MACROPHAGE_DN, GSE27859_MACROPHAGE_VS_CD11C_INT_F480_HI_MACROPHAGE_DN
                                                                                                               GSE11057_NAIVE_CD4_VS_PBMC_CD4_TCELL_DN, GSE11057_NAIVE_CD4_VS_PBMC_CD4_TCELL_DN
                                                                                                               GSE16266_CTRL_VS_LPS_STIM_MEF_UP, GSE16266_CTRL_VS_LPS_STIM_MEF_UP
                                                                                                               GSE9988 ANTI TREM1 VS CTRL TREATED MONOCYTES UP, GSE9988 ANTI TREM1 VS CTRL TREATED MONOCYTES UP
                                                                                                               GSE9988_ANTI_TREM1_VS_VEHICLE_TREATED_MONOCYTES_UP, GSE9988_ANTI_TREM1_VS_VEHICLE_TREATED_MONOCYTES_UP
                                                                                                              GSE22196_HEALTHY_VS_OBESE_MOUSE_SKIN_GAMMADELTA_TCELL_DN, GSE22196_HEALTHY_VS_OBESE_MOUSE_SKIN_GAMMADELTA_TCELL_DN
                                                                                                              GSE34515_CD16_NEG_MONOCYTE_VS_DC_UP, GSE34515_CD16_NEG_MONOCYTE_VS_DC_UP
                                                                                                               GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_2H_UP, GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_2H_UP
                                                                                                              GSE3982_NEUTROPHIL_VS_NKCELL_UP, GSE3982_NEUTROPHIL_VS_NKCELL_UP
                                                                                                              GSE21670_STAT3_KO_VS_WT_CD4_TCELL_TGFB_IL6_TREATED_DN, GSE21670_STAT3_KO_VS_WT_CD4_TCELL_TGFB_IL6_TREATED_DN
                                                                                                              GSE9988 LOW LPS VS ANTI TREM1 AND LPS MONOCYTE DN, GSE9988 LOW LPS VS ANTI TREM1 AND LPS MONOCYTE DN
                                                                                                              GSE9988_LPS_VS_LPS_AND_ANTI_TREM1_MONOCYTE_DN, GSE9988_LPS_VS_LPS_AND_ANTI_TREM1_MONOCYTE_DN
                                                                                                              GSE15330_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_VS_PRO_BCELL_UP, GSE15330_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_VS_PRO_BCELL_UP
                                                                                                               GSE3982_NEUTROPHIL_VS_EFF_MEMORY_CD4_TCELL_UP, GSE3982_NEUTROPHIL_VS_EFF_MEMORY_CD4_TCELL_UP
                                                                                                              GSE17721_LPS_VS_CPG_12H_BMDC_UP, GSE17721_LPS_VS_CPG_12H_BMDC_UP
                                                                                                              GSE19888 NO PRETREAT VS ADENOSINE A3R INHIBITOR PRETREATED MAST CELL TCELL MEMBRANES ACT DN, GSE19888 NO PRETREAT VS ADENOSINE A3R INHIBITOR PRETREATED MAST CELL
                                                                                                              GSE43863_TH1_VS_TFH_MEMORY_CD4_TCELL_DN, GSE43863_TH1_VS_TFH_MEMORY_CD4_TCELL_DN
                                                                                                               SESTO_RESPONSE_TO_UV_C0, SESTO_RESPONSE_TO_UV_C0
                                                                                                               GSE3039_CD4_TCELL_VS_B1_BCELL_DN, GSE3039_CD4_TCELL_VS_B1_BCELL_DN
                                                                                                               GSE3982_NEUTROPHIL_VS_CENT_MEMORY_CD4_TCELL_UP, GSE3982_NEUTROPHIL_VS_CENT_MEMORY_CD4_TCELL_UP
                                                                                                               GSE27291 OH VS 7D STIM GAMMADELTA TCELL DN, GSE27291 OH VS 7D STIM GAMMADELTA TCELL DN
                                                                                                               GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMC_UP, GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMC_UP
                                                                                                               GSE25123_CTRL_VS_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_UP, GSE25123_CTRL_VS_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_UP
                                                                                                               GSE37532_TREG_VS_TCONV_PPARG_KO_CD4_TCELL_FROM_VISCERAL_ADIPOSE_TISSUE_DN, GSE37532_TREG_VS_TCONV_PPARG_KO_CD4_TCELL_FROM_VISCERAL_ADIPOSE_TISSUE_DN
                                                                                                               GSE5589_WT_VS_IL6_KO_LPS_STIM_MACROPHAGE_45MIN_UP, GSE5589_WT_VS_IL6_KO_LPS_STIM_MACROPHAGE_45MIN_UP
                                                                                                               GSE11864_UNTREATED_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN, GSE11864_UNTREATED_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN
                                                                                                               GSE31082_DN_VS_CD4_SP_THYMOCYTE_DN, GSE31082_DN_VS_CD4_SP_THYMOCYTE_DN
                                                                                                               GSE16385_ROSIGLITAZONE_VS_UNTREATED_IFNG_TNF_STIM_MACROPHAGE_DN, GSE16385_ROSIGLITAZONE_VS_UNTREATED_IFNG_TNF_STIM_MACROPHAGE_DN
                                                                                                               GSE8868_SPLEEN_VS_INTESTINE_CD11B_POS_CD11C_NEG_DC_UP, GSE8868_SPLEEN_VS_INTESTINE_CD11B_POS_CD11C_NEG_DC_UP
                                                                                                               GSE39820_CTRL_VS_TGFBETA1_IL6_IL23A_CD4_TCELL_DN, GSE39820_CTRL_VS_TGFBETA1_IL6_IL23A_CD4_TCELL_DN
                                                                                                               GSE37301_HEMATOPOIETIC_STEM_CELL_VS_LYMPHOID_PRIMED_MPP_UP, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_LYMPHOID_PRIMED_MPP_UP
                                                                                                               GSE1112_HY_CD8AB_VS_HY_CD8AA_THYMOCYTE_RTOC_CULTURE_DN, GSE1112_HY_CD8AB_VS_HY_CD8AA_THYMOCYTE_RTOC_CULTURE_DN
                                                                                                               GSE411_UNSTIM_VS_100MIN_IL6_STIM_SOCS3_KO_MACROPHAGE_DN, GSE411_UNSTIM_VS_100MIN_IL6_STIM_SOCS3_KO_MACROPHAGE_DN
                                                                                                              GSE4748_CTRL_VS_CYANOBACTERIUM_LPSLIKE_STIM_DC_1H_UP, GSE4748_CTRL_VS_CYANOBACTERIUM_LPSLIKE_STIM_DC_1H_UP
                                                                                                               GSE36009_UNSTIM_VS_LPS_STIM_DC_UP, GSE36009_UNSTIM_VS_LPS_STIM_DC_UP
                                                                                                               GSE27786_LIN_NEG_VS_CD4_TCELL_DN, GSE27786_LIN_NEG_VS_CD4_TCELL_DN
                                                                                                              GSE7509_DC_VS_MONOCYTE_WITH_FCGRIIB_STIM_DN, GSE7509_DC_VS_MONOCYTE_WITH_FCGRIIB_STIM_DN
                                                                                                               GSE33374 CD8 ALPHAALPHA VS ALPHABETA CD161 HIGH TCELL DN, GSE33374 CD8 ALPHAALPHA VS ALPHABETA CD161 HIGH TCELL DN
                                                                                                               GSE24634_TEFF_VS_TCONV_DAY7_IN_CULTURE_DN, GSE24634_TEFF_VS_TCONV_DAY7_IN_CULTURE_DN
                                                                                                               GSE26343_WT_VS_NFAT5_KO_MACROPHAGE_LPS_STIM_UP, GSE26343_WT_VS_NFAT5_KO_MACROPHAGE_LPS_STIM_UP
                                                                                                               MCBRYAN PUBERTAL BREAST 5 6WK DN, MCBRYAN PUBERTAL BREAST 5 6WK DN
                                                                                                               GSE22432 MULTIPOTENT VS COMMON DC PROGENITOR DN, GSE22432 MULTIPOTENT VS COMMON DC PROGENITOR DN
                                                                                                              GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_2H_UP, GSE2770_IL12_ACT_VS_ACT_CD4_TCELL_2H_UP
                                                                                                               GSE2128_C57BL6_VS_NOD_CD4CD8_DP_THYMOCYTE_UP, GSE2128_C57BL6_VS_NOD_CD4CD8_DP_THYMOCYTE_UP
                                                                                                               GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_6H_UP, GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_6H_UP
                                                                                                               LENAOUR_DENDRITIC_CELL_MATURATION_DN, LENAOUR_DENDRITIC_CELL_MATURATION_DN
                                                                                                               GSE3982_EOSINOPHIL_VS_NKCELL_UP, GSE3982_EOSINOPHIL_VS_NKCELL_UP
                                                                                                               BURTON_ADIPOGENESIS_8, BURTON_ADIPOGENESIS_8
                                                                                                               GSE15733_BM_VS_SPLEEN_MEMORY_CD4_TCELL_DN, GSE15733_BM_VS_SPLEEN_MEMORY_CD4_TCELL_DN
                                                                                                              GO_INTRINSIC_COMPONENT_OF_ENDOPLASMIC_RETICULUM_MEMBRANE, GO_INTRINSIC_COMPONENT_OF_ENDOPLASMIC_RETICULUM_MEMBRANE
                                                                                                              GSE7768_OVA_ALONE_VS_OVA_WITH_LPS_IMMUNIZED_MOUSE_WHOLE_SPLEEN_6H_UP, GSE7768_OVA_ALONE_VS_OVA_WITH_LPS_IMMUNIZED_MOUSE_WHOLE_SPLEEN_6H_UP
                                                                                                              GO_RECEPTOR_SIGNALING_PROTEIN_ACTIVITY, GO_RECEPTOR_SIGNALING_PROTEIN_ACTIVITY
                                                                                                              GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY7_DN, GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY7_DN
                                                                                                               GSE8921_UNSTIM_VS_TLR1_2_STIM_MONOCYTE_24H_DN, GSE8921_UNSTIM_VS_TLR1_2_STIM_MONOCYTE_24H_DN
                                                                                                               GSE3982_EFF_MEMORY_CD4_TCELL_VS_NKCELL_DN, GSE3982_EFF_MEMORY_CD4_TCELL_VS_NKCELL_DN
                                                                                                               GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_2H_UP, GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_2H_UP
                                                                                                              GSE2770_TGFB_AND_IL4_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_UP, GSE2770_TGFB_AND_IL4_VS_TGFB_AND_IL12_TREATED_ACT_CD4_TCELL_6H_UP
                                                                                                               GSE40274_CTRL_VS_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_IRF4_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
                                                                                                               GSE30962_ACUTE_VS_CHRONIC_LCMV_SECONDARY_INF_CD8_TCELL_UP, GSE30962_ACUTE_VS_CHRONIC_LCMV_SECONDARY_INF_CD8_TCELL_UP
                                                                                                               GNF2_SELL, GNF2_SELL
                                                                                                               GSE18804_SPLEEN_MACROPHAGE_VS_COLON_TUMORAL_MACROPHAGE_UP, GSE18804_SPLEEN_MACROPHAGE_VS_COLON_TUMORAL_MACROPHAGE_UP
                                                                                                               HUANG_GATA2_TARGETS_UP, HUANG_GATA2_TARGETS_UP
                                                                                                               GSE360_CTRL_VS_L_MAJOR_DC_UP, GSE360_CTRL_VS_L_MAJOR_DC_UP
                                                                                                               GSE22935_WT_VS_MYD88_KO_MACROPHAGE_12H_MBOVIS_BCG_STIM_DN, GSE22935_WT_VS_MYD88_KO_MACROPHAGE_12H_MBOVIS_BCG_STIM_DN
                                                                                                               GSE9946_MATURE_STIMULATORY_VS_LISTERIA_INF_MATURE_DC_UP, GSE9946_MATURE_STIMULATORY_VS_LISTERIA_INF_MATURE_DC_UP
                                                                                                               chr1p34, chr1p34
                                                                                                               GSE17721_LPS_VS_CPG_24H_BMDC_UP, GSE17721_LPS_VS_CPG_24H_BMDC_UP
                                                                                                               CHUNG_BLISTER_CYTOTOXICITY_UP, CHUNG_BLISTER_CYTOTOXICITY_UP
                                                                                                               GSE17721_LPS_VS_POLYIC_16H_BMDC_DN, GSE17721_LPS_VS_POLYIC_16H_BMDC_DN
                                                                                                               GSE26669_CTRL_VS_COSTIM_BLOCK_MLR_CD4_TCELL_DN, GSE26669_CTRL_VS_COSTIM_BLOCK_MLR_CD4_TCELL_DN
                                                                                                               GSE43955_10H_VS_60H_ACT_CD4_TCELL_DN, GSE43955_10H_VS_60H_ACT_CD4_TCELL_DN
                                                                                                               AMIT_SERUM_RESPONSE_120_MCF10A, AMIT_SERUM_RESPONSE_120_MCF10A
                                                                                                              GNF2_ICAM3, GNF2_ICAM3
                                                                                                              GNF2_S100A4, GNF2_S100A4
                                                                                                               GSE17721_LPS_VS_POLYIC_12H_BMDC_DN, GSE17721_LPS_VS_POLYIC_12H_BMDC_DN
                                                                                                               GO_RAS_PROTEIN_SIGNAL_TRANSDUCTION, GO_RAS_PROTEIN_SIGNAL_TRANSDUCTION
                                                                                                               GSE1740_UNSTIM_VS_IFNA_STIMULATED_MCSF_IFNG_DERIVED_MACROPHAGE_UP, GSE1740_UNSTIM_VS_IFNA_STIMULATED_MCSF_IFNG_DERIVED_MACROPHAGE_UP
                                                                                                               GSE3982 EOSINOPHIL VS BCELL UP, GSE3982 EOSINOPHIL VS BCELL UP
                                                                                                               GSE37301_PRO_BCELL_VS_RAG2_KO_NK_CELL_DN, GSE37301_PRO_BCELL_VS_RAG2_KO_NK_CELL_DN
                                                                                                               BROWN_MYELOID_CELL_DEVELOPMENT_UP, BROWN_MYELOID_CELL_DEVELOPMENT_UP
                                                                                                               GSE37301_MULTIPOTENT_PROGENITOR_VS_GRAN_MONO_PROGENITOR_DN, GSE37301_MULTIPOTENT_PROGENITOR_VS_GRAN_MONO_PROGENITOR_DN
                                                                                                              GRABARCZYK_BCL11B_TARGETS_UP, GRABARCZYK_BCL11B_TARGETS_UP
NTI_TREM1_AND_LPS_MONOCYTE_UP, GSE9988_ANTI_TREM1_VS_ANTI_TREM1_AND_LPS_MONOCYTE_UP
                                                                                                              GNF2_INPP5D, GNF2_INPP5D
                                                                                                               AGGCACT_MIR5153P, AGGCACT_MIR5153P
                                                                                                               PID_KIT_PATHWAY, PID_KIT_PATHWAY
                                                                                                               GSE360_CTRL_VS_B_MALAYI_LOW_DOSE_DC_DN, GSE360_CTRL_VS_B_MALAYI_LOW_DOSE_DC_DN
                                                                                                               GSE1112_HY_CD8AB_VS_HY_CD8AA_THYMOCYTE_RTOC_CULTURE_UP, GSE1112_HY_CD8AB_VS_HY_CD8AA_THYMOCYTE_RTOC_CULTURE_UP
                                                                                                               GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MONOCYTE_UP, GSE29618_PRE_VS_DAY7_POST_LAIV_FLU_VACCINE_MONOCYTE_UP
                                                                                                               TGASTMAGC_NFE2_01, TGASTMAGC_NFE2_01
                                                                                                               GSE46025_WT_VS_FOXO1_KO_KLRG1_LOW_CD8_EFFECTOR_TCELL_UP, GSE46025_WT_VS_FOXO1_KO_KLRG1_LOW_CD8_EFFECTOR_TCELL_UP
                                                                                                               REACTOME_EGFR_DOWNREGULATION, REACTOME_EGFR_DOWNREGULATION
                                                                                                               RASHI_RESPONSE_TO_IONIZING_RADIATION_6, RASHI_RESPONSE_TO_IONIZING_RADIATION_6
                                                                                                               GNF2_HLA-C, GNF2_HLA-C
                                                                                                               MIF1_01, MIF1_01
                                                                                                               GO ANTEROGRADE AXONAL TRANSPORT, GO ANTEROGRADE AXONAL TRANSPORT
                                                                                                               GO AXON CYTOPLASM, GO AXON CYTOPLASM
                                                                                                               GSE40274 CTRL VS LEF1 TRANSDUCED ACTIVATED CD4 TCELL UP, GSE40274 CTRL VS LEF1 TRANSDUCED ACTIVATED CD4 TCELL UP
                                                                                                               GO_CELL_PROJECTION_CYTOPLASM, GO_CELL_PROJECTION_CYTOPLASM
                                                                                                               MYLLYKANGAS AMPLIFICATION HOT SPOT 23, MYLLYKANGAS AMPLIFICATION HOT SPOT 23
                                                                                                               GSE33162_UNTREATED_VS_4H_LPS_STIM_HDAC3_HET_MACROPHAGE_DN, GSE33162_UNTREATED_VS_4H_LPS_STIM_HDAC3_HET_MACROPHAGE_DN
                                                                                                               GSE40441_NRP1_POS_INDUCED_TREG_VS_NRP1_NEG_NATURAL_TREG_DN, GSE40441_NRP1_POS_INDUCED_TREG_VS_NRP1_NEG_NATURAL_TREG_DN
                                                                                                               GSE21670_UNTREATED_VS_TGFB_TREATED_STAT3_KO_CD4_TCELL_UP, GSE21670_UNTREATED_VS_TGFB_TREATED_STAT3_KO_CD4_TCELL_UP
                                                                                                               GSE339_CD4POS_VS_CD4CD8DN_DC_IN_CULTURE_DN, GSE339_CD4POS_VS_CD4CD8DN_DC_IN_CULTURE_DN
                                                                                                               ATCTTGC_MIR31, ATCTTGC_MIR31
                                                                                                               LEE CALORIE RESTRICTION MUSCLE DN, LEE CALORIE RESTRICTION MUSCLE DN
                                                                                                               GSE17721_CTRL_VS_LPS_8H_BMDC_DN, GSE17721_CTRL_VS_LPS_8H_BMDC_DN
                                                                                                              PID_IL8_CXCR2_PATHWAY, PID_IL8_CXCR2_PATHWAY
                                                                                                               MIDORIKAWA_AMPLIFIED_IN_LIVER_CANCER, MIDORIKAWA_AMPLIFIED_IN_LIVER_CANCER
                                                                                                               GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_DN, GSE12198_LOW_IL2_STIM_NK_CELL_VS_HIGH_IL2_STIM_NK_CELL_DN
                                                                                                              CCAGGTT_MIR490, CCAGGTT_MIR490
                                                                                                               GRADE_METASTASIS_DN, GRADE_METASTASIS_DN
                                                                                                              GO_HISTONE_DEUBIQUITINATION, GO_HISTONE_DEUBIQUITINATION
                                                                                                              GNF2_CD97, GNF2_CD97
                                                                                                               GSE27786_BCELL_VS_NEUTROPHIL_DN, GSE27786_BCELL_VS_NEUTROPHIL_DN
                                                                                                              GO_BLOC_1_COMPLEX, GO_BLOC_1_COMPLEX
                                                                                                               NAKAMURA_METASTASIS, NAKAMURA_METASTASIS
                                                                                                              GO_CYTOKINE_BINDING, GO_CYTOKINE_BINDING
                                                                                                               GO_AXO_DENDRITIC_TRANSPORT, GO_AXO_DENDRITIC_TRANSPORT
                                                                                                               ABRAHAM_ALPC_VS_MULTIPLE_MYELOMA_UP, ABRAHAM_ALPC_VS_MULTIPLE_MYELOMA_UP
                                                                                                               GO_PROTEIN_SERINE_THREONINE_PHOSPHATASE_ACTIVITY, GO_PROTEIN_SERINE_THREONINE_PHOSPHATASE_ACTIVITY
                                                                                                               GO_BLOC_COMPLEX, GO_BLOC_COMPLEX
                                                                                                              RAPA_EARLY_UP.V1_DN, RAPA_EARLY_UP.V1_DN
                                                                                                              GO_REGULATION_OF_GENERATION_OF_PRECURSOR_METABOLITES_AND_ENERGY, GO_REGULATION_OF_GENERATION_OF_PRECURSOR_METABOLITES_AND_ENERGY
                                                                                                               IIZUKA_LIVER_CANCER_PROGRESSION_G1_G2_DN, IIZUKA_LIVER_CANCER_PROGRESSION_G1_G2_DN
                                                                                                               HOFMANN_MYELODYSPLASTIC_SYNDROM_LOW_RISK_DN, HOFMANN_MYELODYSPLASTIC_SYNDROM_LOW_RISK_DN
                                                                                                               GSE17721_4_VS_24H_CPG_BMDC_UP, GSE17721_4_VS_24H_CPG_BMDC_UP
                                                                                                               GSE15659_NONSUPPRESSIVE_TCELL_VS_ACTIVATED_TREG_UP, GSE15659_NONSUPPRESSIVE_TCELL_VS_ACTIVATED_TREG_UP
                                                                                                              GNF2_TNFSF10, GNF2_TNFSF10
                                                                                                               GSE3982_DC_VS_MAC_DN, GSE3982_DC_VS_MAC_DN
                                                                                                               GO_DENDRITIC_CELL_MIGRATION, GO_DENDRITIC_CELL_MIGRATION
                                                                                                               GSE3982_NEUTROPHIL_VS_BCELL_UP, GSE3982_NEUTROPHIL_VS_BCELL_UP
                                                                                                              GSE41978_WT_VS_ID2_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP, GSE41978_WT_VS_ID2_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP
                                                                                                              GO_REGULATION_OF_VACUOLAR_TRANSPORT, GO_REGULATION_OF_VACUOLAR_TRANSPORT
                                                                                                              GAURNIER_PSMD4_TARGETS, GAURNIER_PSMD4_TARGETS
                                                                                                               BIOCARTA_GH_PATHWAY, BIOCARTA_GH_PATHWAY
                                                                                                              PID_NFKAPPAB_CANONICAL_PATHWAY, PID_NFKAPPAB_CANONICAL_PATHWAY
                                                                                                              GOLUB_ALL_VS_AML_DN, GOLUB_ALL_VS_AML_DN
                                                                                                               GSE13522_CTRL_VS_T_CRUZI_Y_STRAIN_INF_SKIN_129_MOUSE_DN, GSE13522_CTRL_VS_T_CRUZI_Y_STRAIN_INF_SKIN_129_MOUSE_DN
                                                                                                               GO_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_VIA_DEATH_DOMAIN_RECEPTORS, GO_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_VIA_DEATH_DOMAIN_RECEPTORS
                                                                                                              BIOCARTA_IL2RB_PATHWAY, BIOCARTA_IL2RB_PATHWAY
                                                                                                              GO_RACEMASE_AND_EPIMERASE_ACTIVITY, GO_RACEMASE_AND_EPIMERASE_ACTIVITY
                                                                                                              WILENSKY_RESPONSE_TO_DARAPLADIB, WILENSKY_RESPONSE_TO_DARAPLADIB
                                                                                                              GO_NEGATIVE_REGULATION_OF_VIRAL_TRANSCRIPTION, GO_NEGATIVE_REGULATION_OF_VIRAL_TRANSCRIPTION
                                                                                                              GO_POSITIVE_REGULATION_OF_INTERLEUKIN_4_PRODUCTION, GO_POSITIVE_REGULATION_OF_INTERLEUKIN_4_PRODUCTION
                                                                                                              GO_NEGATIVE_REGULATION_OF_INNATE_IMMUNE_RESPONSE, GO_NEGATIVE_REGULATION_OF_INNATE_IMMUNE_RESPONSE
                                                                                                              GO_REGULATION_OF_CELL_SHAPE, GO_REGULATION_OF_CELL_SHAPE
                                                                                                              GSE15659_CD45RA_NEG_CD4_TCELL_VS_RESTING_TREG_UP, GSE15659_CD45RA_NEG_CD4_TCELL_VS_RESTING_TREG_UP
                                                                                                              GO_ALCOHOL_BIOSYNTHETIC_PROCESS, GO_ALCOHOL_BIOSYNTHETIC_PROCESS
                                                                                                              SARTIPY_NORMAL_AT_INSULIN_RESISTANCE_DN, SARTIPY_NORMAL_AT_INSULIN_RESISTANCE_DN
                                                                                                              GO_NEGATIVE_REGULATION_OF_CARTILAGE_DEVELOPMENT, GO_NEGATIVE_REGULATION_OF_CARTILAGE_DEVELOPMENT
                                                                                                              GO_REGULATION_OF_ARF_PROTEIN_SIGNAL_TRANSDUCTION, GO_REGULATION_OF_ARF_PROTEIN_SIGNAL_TRANSDUCTION
                                                                                                              REACTOME_NUCLEAR_RECEPTOR_TRANSCRIPTION_PATHWAY, REACTOME_NUCLEAR_RECEPTOR_TRANSCRIPTION_PATHWAY
                                                                                                              GO M BAND, GO M BAND
                                                                                                              GO_REGULATION_OF_LYMPHOCYTE_DIFFERENTIATION, GO_REGULATION_OF_LYMPHOCYTE_DIFFERENTIATION
                                                                                                              GO_INSULIN_RECEPTOR_BINDING, GO_INSULIN_RECEPTOR_BINDING
                                                                                                              GO MICROTUBULE NUCLEATION, GO MICROTUBULE NUCLEATION
                                                                                                              GO_CUL3_RING_UBIQUITIN_LIGASE_COMPLEX, GO_CUL3_RING_UBIQUITIN_LIGASE_COMPLEX
                                                                                                               BRACHAT_RESPONSE_TO_CAMPTOTHECIN_UP, BRACHAT_RESPONSE_TO_CAMPTOTHECIN_UP
                                                                                                              OXFORD RALA TARGETS DN, OXFORD RALA TARGETS DN
                                                                                                              GSE15659_NAIVE_CD4_TCELL_VS_NONSUPPRESSIVE_TCELL_UP, GSE15659_NAIVE_CD4_TCELL_VS_NONSUPPRESSIVE_TCELL_UP
                                                                                                              GO_A_BAND, GO_A_BAND
                                                                                                              GO_POSITIVE_REGULATION_OF_ALPHA_BETA_T_CELL_DIFFERENTIATION, GO_POSITIVE_REGULATION_OF_ALPHA_BETA_T_CELL_DIFFERENTIATION
                                                                                                              GO_NEGATIVE_REGULATION_OF_TRANSCRIPTION_ELONGATION_FROM_RNA_POLYMERASE_II_PROMOTER, GO_NEGATIVE_REGULATION_OF_TRANSCRIPTION_ELONGATION_FROM_RNA_POLYMERASE_
                                                                                                              GO_NEGATIVE_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_ELONGATION, GO_NEGATIVE_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_ELONGATION
                                                                                                               PID_ALK1_PATHWAY, PID_ALK1_PATHWAY
                                                                                                              GO_MYELOID_LEUKOCYTE_ACTIVATION, GO_MYELOID_LEUKOCYTE_ACTIVATION
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GSE32034\_UNTREATED\_VS\_ROSIGLIZATONE\_TREATED\_LY6C\_LOW\_MONOCYTE\_DN, GSE32034\_UNTREATED\_VS\_ROSIGLIZATONE\_TREATED\_LY6C\_LOW\_MONOCYTE\_DN