```
GSE21360_SECONDARY_VS_TERTIARY_MEMORY_CD8_TCELL_UP, GSE21360_SECONDARY_VS_TERTIARY_MEMORY_CD8_TCELL_UP
 GSE31082_DN_VS_CD4_SP_THYMOCYTE_UP, GSE31082_DN_VS_CD4_SP_THYMOCYTE_UP
GSE14908_ATOPIC_VS_NONATOPIC_PATIENT_RESTING_CD4_TCELL_DN, GSE14908_ATOPIC_VS_NONATOPIC_PATIENT_RESTING_CD4_TCELL_DN
 GSE24671_BAKIMULC_VS_SENDAI_VIRUS_INFECTED_MOUSE_SPLENOCYTES_DN, GSE24671_BAKIMULC_VS_SENDAI_VIRUS_INFECTED_MOUSE_SPLENOCYTES_DN
 GSE22601_DOUBLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN, GSE22601_DOUBLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN
GSE9509_10MIN_VS_30MIN_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_UP, GSE9509_10MIN_VS_30MIN_LPS_AND_IL10_STIM_IL10_KO_MACROPHAGE_UP
GSE1460_CORD_VS_ADULT_BLOOD_NAIVE_CD4_TCELL_DN, GSE1460_CORD_VS_ADULT_BLOOD_NAIVE_CD4_TCELL_DN
GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_UP, GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_UP
GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_72H_CD4_TCELL_DN, GSE17974_CTRL_VS_ACT_IL4_AND_ANTI_IL12_72H_CD4_TCELL_DN
GSE42021_CD24HI_VS_CD24INT_TREG_THYMUS_DN, GSE42021_CD24HI_VS_CD24INT_TREG_THYMUS_DN
GSE21927_SPLEEN_C57BL6_VS_4T1_TUMOR_BALBC_MONOCYTES_DN, GSE21927_SPLEEN_C57BL6_VS_4T1_TUMOR_BALBC_MONOCYTES_DN
GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_DN, GSE21360_NAIVE_VS_QUATERNARY_MEMORY_CD8_TCELL_DN
GSE17721_CPG_VS_GARDIQUIMOD_2H_BMDC_DN, GSE17721_CPG_VS_GARDIQUIMOD_2H_BMDC_DN
GSE15330 WT VS IKAROS KO MEGAKARYOCYTE ERYTHROID PROGENITOR UP, GSE15330 WT VS IKAROS KO MEGAKARYOCYTE ERYTHROID PROGENITOR UP
GSE1432_CTRL_VS_IFNG_24H_MICROGLIA_DN, GSE1432_CTRL_VS_IFNG_24H_MICROGLIA_DN
GSE15330_WT_VS_IKAROS_KO_GRANULOCYTE_MONOCYTE_PROGENITOR_UP, GSE15330_WT_VS_IKAROS_KO_GRANULOCYTE_MONOCYTE_PROGENITOR_UP
GSE41978_ID2_KO_VS_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP, GSE41978_ID2_KO_VS_BIM_KO_KLRG1_LOW_EFFECTOR_CD8_TCELL_UP
GSE13485_CTRL_VS_DAY3_YF17D_VACCINE_PBMC_DN, GSE13485_CTRL_VS_DAY3_YF17D_VACCINE_PBMC_DN
GSE18281_CORTICAL_VS_MEDULLARY_THYMOCYTE_UP, GSE18281_CORTICAL_VS_MEDULLARY_THYMOCYTE_UP
GSE13485_PRE_VS_POST_YF17D_VACCINATION_PBMC_DN, GSE13485_PRE_VS_POST_YF17D_VACCINATION_PBMC_DN
GSE19401_UNSTIM_VS_PAM2CSK4_STIM_FOLLICULAR_DC_DN, GSE19401_UNSTIM_VS_PAM2CSK4_STIM_FOLLICULAR_DC_DN
GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN, GSE2770_UNTREATED_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN
GSE37301_LYMPHOID_PRIMED_MPP_VS_GRAN_MONO_PROGENITOR_UP, GSE37301_LYMPHOID_PRIMED_MPP_VS_GRAN_MONO_PROGENITOR_UP
GSE42021_TREG_VS_TCONV_PLN_UP, GSE42021_TREG_VS_TCONV_PLN_UP
GSE42021_TREG_PLN_VS_CD24LO_TREG_THYMUS_DN, GSE42021_TREG_PLN_VS_CD24LO_TREG_THYMUS_DN
GSE19888 ADENOSINE A3R INH PRETREAT AND ACT BY A3R VS TCELL MEMBRANES ACT MAST CELL UP, GSE19888 ADENOSINE A3R INH PRETREAT AND ACT BY A3R VS TCELL MEI
GSE42021_CD24HI_VS_CD24LOW_TCONV_THYMUS_DN, GSE42021_CD24HI_VS_CD24LOW_TCONV_THYMUS_DN
GSE13485 DAY1 VS DAY7 YF17D VACCINE PBMC DN, GSE13485 DAY1 VS DAY7 YF17D VACCINE PBMC DN
GSE13485_CTRL_VS_DAY7_YF17D_VACCINE_PBMC_DN, GSE13485_CTRL_VS_DAY7_YF17D_VACCINE_PBMC_DN
GSE42021_TREG_PLN_VS_CD24INT_TREG_THYMUS_DN, GSE42021_TREG_PLN_VS_CD24INT_TREG_THYMUS_DN
GSE21546_WT_VS_SAP1A_KO_DP_THYMOCYTES_UP, GSE21546_WT_VS_SAP1A_KO_DP_THYMOCYTES_UP
GSE22886_CTRL_VS_LPS_24H_DC_DN, GSE22886_CTRL_VS_LPS_24H_DC_DN
GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_6H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_6H_DN
GSE10325_BCELL_VS_LUPUS_BCELL_DN, GSE10325_BCELL_VS_LUPUS_BCELL_DN
GSE14000_UNSTIM_VS_4H_LPS_DC_DN, GSE14000_UNSTIM_VS_4H_LPS_DC_DN
GSE16755_CTRL_VS_IFNA_TREATED_MAC_DN, GSE16755_CTRL_VS_IFNA_TREATED_MAC_DN
GSE17721_4_VS_24H_CPG_BMDC_DN, GSE17721_4_VS_24H_CPG_BMDC_DN
GSE9239_CTRL_VS_TNF_INHIBITOR_TREATED_DC_DN, GSE9239_CTRL_VS_TNF_INHIBITOR_TREATED_DC_DN
GSE1432_CTRL_VS_IFNG_6H_MICROGLIA_DN, GSE1432_CTRL_VS_IFNG_6H_MICROGLIA_DN
GSE1432_1H_VS_6H_IFNG_MICROGLIA_DN, GSE1432_1H_VS_6H_IFNG_MICROGLIA_DN
GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY3_DN, GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY3_DN
GSE28737_BCL6_HET_VS_BCL6_KO_MARGINAL_ZONE_BCELL_DN, GSE28737_BCL6_HET_VS_BCL6_KO_MARGINAL_ZONE_BCELL_DN
GSE36078_UNTREATED_VS_AD5_INF_MOUSE_LUNG_DC_DN, GSE36078_UNTREATED_VS_AD5_INF_MOUSE_LUNG_DC_DN
GSE42021_TCONV_PLN_VS_CD24HI_TCONV_THYMUS_UP, GSE42021_TCONV_PLN_VS_CD24HI_TCONV_THYMUS_UP
GSE36826_WT_VS_IL1R_KO_SKIN_STAPH_AUREUS_INF_DN, GSE36826_WT_VS_IL1R_KO_SKIN_STAPH_AUREUS_INF_DN
GSE25677 R848 VS MPL AND R848 STIM BCELL DN, GSE25677 R848 VS MPL AND R848 STIM BCELL DN
GSE6269_FLU_VS_E_COLI_INF_PBMC_UP, GSE6269_FLU_VS_E_COLI_INF_PBMC_UP
GSE7509_DC_VS_MONOCYTE_WITH_FCGRIIB_STIM_DN, GSE7509_DC_VS_MONOCYTE_WITH_FCGRIIB_STIM_DN
 GSE37533 PPARG1 FOXP3 VS PPARG2 FOXP3 TRANSDUCED CD4 TCELL PIOGLITAZONE TREATED DN, GSE37533 PPARG1 FOXP3 VS PPARG2 FOXP3 TRANSDUCED CD4 TCELL PIOGLITAZO
GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_4H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_4H_DN
GSE7548_NAIVE_VS_DAY7_PCC_IMMUNIZATION_CD4_TCELL_DN, GSE7548_NAIVE_VS_DAY7_PCC_IMMUNIZATION_CD4_TCELL_DN
GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_48H_CD8_T_CELL_DN, GSE15930_STIM_VS_STIM_AND_TRICHOSTATINA_48H_CD8_T_CELL_DN
GSE37534_UNTREATED_VS_PIOGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_DN, GSE37534_UNTREATED_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PPARG1_AND_FOXP3_TCELL_PP
GSE17721_POLYIC_VS_CPG_1H_BMDC_UP, GSE17721_POLYIC_VS_CPG_1H_BMDC_UP
GSE37533 PPARG1 FOXP3 VS FOXP3 TRANSDUCED CD4 TCELL DN, GSE37533 PPARG1 FOXP3 VS FOXP3 TRANSDUCED CD4 TCELL DN
GSE5542 IFNA VS IFNA AND IFNG TREATED EPITHELIAL CELLS 24H DN, GSE5542 IFNA VS IFNA AND IFNG TREATED EPITHELIAL CELLS 24H DN
GSE8515_CTRL_VS_IL6_4H_STIM_MAC_UP, GSE8515_CTRL_VS_IL6_4H_STIM_MAC_UP
GSE3982_CTRL_VS_LPS_4H_MAC_DN, GSE3982_CTRL_VS_LPS_4H_MAC_DN
GSE11864_CSF1_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN, GSE11864_CSF1_VS_CSF1_IFNG_PAM3CYS_IN_MAC_DN
GSE36009_UNSTIM_VS_LPS_STIM_NLRP10_KO_DC_DN, GSE36009_UNSTIM_VS_LPS_STIM_NLRP10_KO_DC_DN
GSE14000_UNSTIM_VS_16H_LPS_DC_TRANSLATED_RNA_DN, GSE14000_UNSTIM_VS_16H_LPS_DC_TRANSLATED_RNA_DN
GSE42724_NAIVE_BCELL_VS_PLASMABLAST_UP, GSE42724_NAIVE_BCELL_VS_PLASMABLAST_UP
GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_DN, GSE18791_UNSTIM_VS_NEWCATSLE_VIRUS_DC_6H_DN
GSE2826_WT_VS_BTK_KO_BCELL_UP, GSE2826_WT_VS_BTK_KO_BCELL_UP
GSE13484_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_DN, GSE13484_UNSTIM_VS_YF17D_VACCINE_STIM_PBMC_DN
GSE37533_PPARG2_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_DN, GSE37533_PPARG2_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_DN
GSE22886_NAIVE_CD8_TCELL_VS_MEMORY_TCELL_DN, GSE22886_NAIVE_CD8_TCELL_VS_MEMORY_TCELL_DN
GSE2706_2H_VS_8H_R848_AND_LPS_STIM_DC_DN, GSE2706_2H_VS_8H_R848_AND_LPS_STIM_DC_DN
GSE6269_FLU_VS_STREP_PNEUMO_INF_PBMC_UP, GSE6269_FLU_VS_STREP_PNEUMO_INF_PBMC_UP
GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_3H_UP, GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_NFATC1_KO_3H_UP
GSE3337_CTRL_VS_16H_IFNG_IN_CD8POS_DC_DN, GSE3337_CTRL_VS_16H_IFNG_IN_CD8POS_DC_DN
GSE6269_HEALTHY_VS_STAPH_AUREUS_INF_PBMC_UP, GSE6269_HEALTHY_VS_STAPH_AUREUS_INF_PBMC_UP
GSE19198_1H_VS_6H_IL21_TREATED_TCELL_DN, GSE19198_1H_VS_6H_IL21_TREATED_TCELL_DN
GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMC_DN, GSE9960_HEALTHY_VS_GRAM_POS_SEPSIS_PBMC_DN
GSE21546_ELK1_KO_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_UP, GSE21546_ELK1_KO_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_UP
GSE360_L_MAJOR_VS_B_MALAYI_LOW_DOSE_MAC_DN, GSE360_L_MAJOR_VS_B_MALAYI_LOW_DOSE_MAC_DN
GSE1460_DP_VS_CD4_THYMOCYTE_UP, GSE1460_DP_VS_CD4_THYMOCYTE_UP
 GSE7548_DAY7_VS_DAY28_PCC_IMMUNIZATION_CD4_TCELL_DN, GSE7548_DAY7_VS_DAY28_PCC_IMMUNIZATION_CD4_TCELL_DN
 GSE21033_CTRL_VS_POLYIC_STIM_DC_24H_DN, GSE21033_CTRL_VS_POLYIC_STIM_DC_24H_DN
 GSE12198 CTRL VS LOW IL2 STIM NK CELL DN, GSE12198 CTRL VS LOW IL2 STIM NK CELL DN
 GSE40685_TREG_VS_FOXP3_KO_TREG_PRECURSOR_UP, GSE40685_TREG_VS_FOXP3_KO_TREG_PRECURSOR_UP
 GSE26030_TH1_VS_TH17_DAY5_POST_POLARIZATION_UP, GSE26030_TH1_VS_TH17_DAY5_POST_POLARIZATION_UP
 GSE1925_CTRL_VS_24H_IFNG_STIM_MACROPHAGE_UP, GSE1925_CTRL_VS_24H_IFNG_STIM_MACROPHAGE_UP
 GSE19888_ADENOSINE_A3R_INH_VS_ACT_WITH_INHIBITOR_PRETREATMENT_IN_MAST_CELL_UP, GSE19888_ADENOSINE_A3R_INH_VS_ACT_WITH_INHIBITOR_PRETREATMENT_IN_MAST_CEL
 GSE34205_HEALTHY_VS_FLU_INF_INFANT_PBMC_DN, GSE34205_HEALTHY_VS_FLU_INF_INFANT_PBMC_DN
 GSE37533_PPARG1_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_PIOGLITAZONE_TREATED_UP, GSE37533_PPARG1_FOXP3_VS_FOXP3_TRANSDUCED_CD4_TCELL_PIOGLITAZONE_TREATED_UP
 GSE360_L_DONOVANI_VS_L_MAJOR_MAC_UP, GSE360_L_DONOVANI_VS_L_MAJOR_MAC_UP
 GSE39382_IL3_VS_IL3_IL33_TREATED_MAST_CELL_DN, GSE39382_IL3_VS_IL3_IL33_TREATED_MAST_CELL_DN
 GSE10325_CD4_TCELL_VS_LUPUS_CD4_TCELL_DN, GSE10325_CD4_TCELL_VS_LUPUS_CD4_TCELL_DN
 GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_8H_DN, GSE18791_CTRL_VS_NEWCASTLE_VIRUS_DC_8H_DN
 GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_DN, GSE42021_CD24INT_VS_CD24LOW_TREG_THYMUS_DN
GSE1432_1H_VS_24H_IFNG_MICROGLIA_DN, GSE1432_1H_VS_24H_IFNG_MICROGLIA_DN
GSE42021_TREG_PLN_VS_TREG_PRECURSORS_THYMUS_DN, GSE42021_TREG_PLN_VS_TREG_PRECURSORS_THYMUS_DN
 GSE7509_UNSTIM_VS_FCGRIIB_STIM_DC_DN, GSE7509_UNSTIM_VS_FCGRIIB_STIM_DC_DN
 GSE8384_CTRL_VS_B_ABORTUS_4H_MAC_CELL_LINE_DN, GSE8384_CTRL_VS_B_ABORTUS_4H_MAC_CELL_LINE_DN
 GSE3982 DC VS MAC LPS STIM UP, GSE3982 DC VS MAC LPS STIM UP
 GSE13485_DAY3_VS_DAY7_YF17D_VACCINE_PBMC_DN, GSE13485_DAY3_VS_DAY7_YF17D_VACCINE_PBMC_DN
 GSE21546_UNSTIM_VS_ANTI_CD3_STIM_ELK1_KO_DP_THYMOCYTES_UP, GSE21546_UNSTIM_VS_ANTI_CD3_STIM_ELK1_KO_DP_THYMOCYTES_UP
GSE3982_MAC_VS_BCELL_UP, GSE3982_MAC_VS_BCELL_UP
GSE1925 3H VS 24H IFNG STIM MACROPHAGE DN, GSE1925 3H VS 24H IFNG STIM MACROPHAGE DN
GSE34006_WT_VS_A2AR_KO_TREG_DN, GSE34006_WT_VS_A2AR_KO_TREG_DN
 GSE37534_UNTREATED_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_FOXP3_TRASDUCED_DN, GSE37534_UNTREATED_VS_ROSIGLITAZONE_TREATED_CD4_TCELL_PPARG1_AND_
 GSE20366_TREG_VS_TCONV_UP, GSE20366_TREG_VS_TCONV_UP
 GSE19923_E2A_KO_VS_E2A_AND_HEB_KO_DP_THYMOCYTE_DN, GSE19923_E2A_KO_VS_E2A_AND_HEB_KO_DP_THYMOCYTE_DN
 GSE12839_CTRL_VS_IL12_TREATED_PBMC_UP, GSE12839_CTRL_VS_IL12_TREATED_PBMC_UP
 GSE34156_NOD2_LIGAND_VS_TLR1_TLR2_LIGAND_6H_TREATED_MONOCYTE_UP, GSE34156_NOD2_LIGAND_VS_TLR1_TLR2_LIGAND_6H_TREATED_MONOCYTE_UP
 GSE12198_NK_VS_NK_ACT_EXPANSION_SYSTEM_DERIVED_NK_CELL_UP, GSE12198_NK_VS_NK_ACT_EXPANSION_SYSTEM_DERIVED_NK_CELL_UP
 GSE17721_CTRL_VS_CPG_24H_BMDC_DN, GSE17721_CTRL_VS_CPG_24H_BMDC_DN
 GSE28737_WT_VS_BCL6_KO_MARGINAL_ZONE_BCELL_DN, GSE28737_WT_VS_BCL6_KO_MARGINAL_ZONE_BCELL_DN
 GSE12392_WT_VS_IFNB_KO_CD8A_POS_SPLEEN_DC_DN, GSE12392_WT_VS_IFNB_KO_CD8A_POS_SPLEEN_DC_DN
GSE2405_HEAT_KILLED_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_24H_UP, GSE2405_HEAT_KILLED_VS_LIVE_A_PHAGOCYTOPHILUM_STIM_NEUTROPHIL_24H_UP
 GSE37301_MULTIPOTENT_PROGENITOR_VS_COMMON_LYMPHOID_PROGENITOR_DN, GSE37301_MULTIPOTENT_PROGENITOR_VS_COMMON_LYMPHOID_PROGENITOR_DN
 GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_20H_UP, GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_20H_UP
 GSE24972_MARGINAL_ZONE_BCELL_VS_FOLLICULAR_BCELL_UP, GSE24972_MARGINAL_ZONE_BCELL_VS_FOLLICULAR_BCELL_UP
 GSE27786_NKTCELL_VS_MONO_MAC_DN, GSE27786_NKTCELL_VS_MONO_MAC_DN
GSE19772_CTRL_VS_HCMV_INF_MONOCYTES_UP, GSE19772_CTRL_VS_HCMV_INF_MONOCYTES_UP
 GSE24210_TCONV_VS_TREG_DN, GSE24210_TCONV_VS_TREG_DN
 GSE15930_STIM_VS_STIM_AND_IFNAB_48H_CD8_T_CELL_DN, GSE15930_STIM_VS_STIM_AND_IFNAB_48H_CD8_T_CELL_DN
GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_6H_UP, GSE2770_IL12_AND_TGFB_ACT_VS_ACT_CD4_TCELL_6H_UP
GSE3982_MAST_CELL_VS_BCELL_UP, GSE3982_MAST_CELL_VS_BCELL_UP
 GSE25123_WT_VS_PPARG_KO_MACROPHAGE_IL4_AND_ROSIGLITAZONE_STIM_UP, GSE25123_WT_VS_PPARG_KO_MACROPHAGE_IL4_AND_ROSIGLITAZONE_STIM_UP
GSE19888_CTRL_VS_A3R_ACT_TREATED_MAST_CELL_PRETREATED_WITH_A3R_INH_DN, GSE19888_CTRL_VS_A3R_ACT_TREATED_MAST_CELL_PRETREATED_WITH_A3R_INH_DN
GSE25123_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_DAY10_DN, GSE25123_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_PPARG_KO_MACROPHAGE_DAY10_DN
GSE8685_IL2_STARVED_VS_IL15_ACT_IL2_STARVED_CD4_TCELL_DN, GSE8685_IL2_STARVED_VS_IL15_ACT_IL2_STARVED_CD4_TCELL_DN
GSE34217_MIR17_92_OVEREXPRESS_VS_WT_ACT_CD8_TCELL_DN, GSE34217_MIR17_92_OVEREXPRESS_VS_WT_ACT_CD8_TCELL_DN
GSE11924_TFH_VS_TH17_CD4_TCELL_DN, GSE11924_TFH_VS_TH17_CD4_TCELL_DN
GSE3720_UNSTIM_VS_LPS_STIM_VD1_GAMMADELTA_TCELL_UP, GSE3720_UNSTIM_VS_LPS_STIM_VD1_GAMMADELTA_TCELL_UP
GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN3_THYMOCYTE_FETAL_DN, GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN3_THYMOCYTE_FETAL_DN
GSE24492_LYVE_NEG_VS_POS_MACROPHAGE_DN, GSE24492_LYVE_NEG_VS_POS_MACROPHAGE_DN
GSE3982_MAST_CELL_VS_EFF_MEMORY_CD4_TCELL_DN, GSE3982_MAST_CELL_VS_EFF_MEMORY_CD4_TCELL_DN
GSE4748_LPS_VS_LPS_AND_CYANOBACTERIUM_LPSLIKE_STIM_DC_3H_DN, GSE4748_LPS_VS_LPS_AND_CYANOBACTERIUM_LPSLIKE_STIM_DC_3H_DN
GSE43863_DAY6_EFF_VS_DAY150_MEM_TH1_CD4_TCELL_UP, GSE43863_DAY6_EFF_VS_DAY150_MEM_TH1_CD4_TCELL_UP
GSE3337_CTRL_VS_4H_IFNG_IN_CD8POS_DC_DN, GSE3337_CTRL_VS_4H_IFNG_IN_CD8POS_DC_DN
GSE11924_TH1_VS_TH2_CD4_TCELL_DN, GSE11924_TH1_VS_TH2_CD4_TCELL_DN
GSE3920_IFNA_VS_IFNG_TREATED_FIBROBLAST_UP, GSE3920_IFNA_VS_IFNG_TREATED_FIBROBLAST_UP
 GSE23925_LIGHT_ZONE_VS_DARK_ZONE_BCELL_DN, GSE23925_LIGHT_ZONE_VS_DARK_ZONE_BCELL_DN
GSE2706_LPS_VS_R848_AND_LPS_8H_STIM_DC_DN, GSE2706_LPS_VS_R848_AND_LPS_8H_STIM_DC_DN
GSE37301_MULTIPOTENT_PROGENITOR_VS_GRAN_MONO_PROGENITOR_DN, GSE37301_MULTIPOTENT_PROGENITOR_VS_GRAN_MONO_PROGENITOR_DN
GSE17721_PAM3CSK4_VS_CPG_6H_BMDC_DN, GSE17721_PAM3CSK4_VS_CPG_6H_BMDC_DN
GSE21063_3H_VS_16H_ANTI_IGM_STIM_BCELL_UP, GSE21063_3H_VS_16H_ANTI_IGM_STIM_BCELL_UP
GSE22935_UNSTIM_VS_48H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_DN, GSE22935_UNSTIM_VS_48H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_DN
GSE10463_CD40L_AND_VA347_VS_CD40L_IN_DC_DN, GSE10463_CD40L_AND_VA347_VS_CD40L_IN_DC_DN
GSE9037_WT_VS_IRAK4_KO_BMDM_DN, GSE9037_WT_VS_IRAK4_KO_BMDM_DN
GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN2_THYMOCYTE_FETAL_DN, GSE24142_EARLY_THYMIC_PROGENITOR_VS_DN2_THYMOCYTE_FETAL_DN
GSE22527_ANTI_CD3_INVIVO_VS_UNTREATED_MOUSE_TREG_UP, GSE22527_ANTI_CD3_INVIVO_VS_UNTREATED_MOUSE_TREG_UP
GSE21927_SPLEEN_VS_TUMOR_MONOCYTE_C57BL6_DN, GSE21927_SPLEEN_VS_TUMOR_MONOCYTE_C57BL6_DN
GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_10H_UP, GSE43955_TH0_VS_TGFB_IL6_TH17_ACT_CD4_TCELL_10H_UP
GSE24492_LYVE_NEG_VS_POS_MACROPHAGE_UP, GSE24492_LYVE_NEG_VS_POS_MACROPHAGE_UP
GSE20366_TREG_VS_NAIVE_CD4_TCELL_DEC205_CONVERSION_DN, GSE20366_TREG_VS_NAIVE_CD4_TCELL_DEC205_CONVERSION_DN
GSE360_L_DONOVANI_VS_M_TUBERCULOSIS_DC_DN, GSE360_L_DONOVANI_VS_M_TUBERCULOSIS_DC_DN
GSE37605_NOD_VS_C57BL6_IRES_GFP_TREG_UP, GSE37605_NOD_VS_C57BL6_IRES_GFP_TREG_UP
GSE16385_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_ROSIGLITAZONE_TREATED_UP, GSE16385_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_ROSIGLITAZONE_TREATED_UP
GSE5099_MONOCYTE_VS_ALTERNATIVE_M2_MACROPHAGE_UP, GSE5099_MONOCYTE_VS_ALTERNATIVE_M2_MACROPHAGE_UP
GSE24574_BCL6_HIGH_TFH_VS_NAIVE_CD4_TCELL_UP, GSE24574_BCL6_HIGH_TFH_VS_NAIVE_CD4_TCELL_UP
GSE360_L_MAJOR_VS_B_MALAYI_HIGH_DOSE_MAC_UP, GSE360_L_MAJOR_VS_B_MALAYI_HIGH_DOSE_MAC_UP
GSE7852 TREG VS TCONV LN DN, GSE7852 TREG VS TCONV LN DN
GSE17721_POLYIC_VS_PAM3CSK4_1H_BMDC_DN, GSE17721_POLYIC_VS_PAM3CSK4_1H_BMDC_DN
GSE14026_TH1_VS_TH17_DN, GSE14026_TH1_VS_TH17_DN
GSE2128_CTRL_VS_MIMETOPE_NEGATIVE_SELECTION_DP_THYMOCYTE_C57BL6_UP, GSE2128_CTRL_VS_MIMETOPE_NEGATIVE_SELECTION_DP_THYMOCYTE_C57BL6_UP
GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_12H_DN, GSE1791_CTRL_VS_NEUROMEDINU_IN_T_CELL_LINE_12H_DN
GSE14350_TREG_VS_TEFF_DN, GSE14350_TREG_VS_TEFF_DN
GSE12003_4D_VS_8D_CULTURE_BM_PROGENITOR_DN, GSE12003_4D_VS_8D_CULTURE_BM_PROGENITOR_DN
GSE3720 LPS VS PMA STIM VD2 GAMMADELTA TCELL DN, GSE3720 LPS VS PMA STIM VD2 GAMMADELTA TCELL DN
GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN, GSE2770_IL12_VS_IL4_TREATED_ACT_CD4_TCELL_2H_DN
GSE17721_CTRL_VS_POLYIC_4H_BMDC_DN, GSE17721_CTRL_VS_POLYIC_4H_BMDC_DN
GSE17721_CTRL_VS_CPG_0.5H_BMDC_DN, GSE17721_CTRL_VS_CPG_0.5H_BMDC_DN
GSE360_CTRL_VS_L_MAJOR_MAC_DN, GSE360_CTRL_VS_L_MAJOR_MAC_DN
GSE27859_MACROPHAGE_VS_DC_DN, GSE27859_MACROPHAGE_VS_DC_DN
GSE13522_CTRL_VS_T_CRUZI_G_STRAIN_INF_SKIN_DN, GSE13522_CTRL_VS_T_CRUZI_G_STRAIN_INF_SKIN_DN
GSE3982_MAC_VS_EFF_MEMORY_CD4_TCELL_DN, GSE3982_MAC_VS_EFF_MEMORY_CD4_TCELL_DN
GSE36527_CD62L_HIGH_CD69_NEG_VS_CD62L_LOW_CD69_POS_TREG_KLRG1_NEG_DN, GSE36527_CD62L_HIGH_CD69_NEG_VS_CD62L_LOW_CD69_POS_TREG_KLRG1_NEG_DN
GSE16385 IFNG TNF VS UNSTIM MACROPHAGE ROSIGLITAZONE TREATED UP, GSE16385 IFNG TNF VS UNSTIM MACROPHAGE ROSIGLITAZONE TREATED UP
GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY10_UP, GSE24634_IL4_VS_CTRL_TREATED_NAIVE_CD4_TCELL_DAY10_UP
GSE17721_CTRL_VS_LPS_1H_BMDC_DN, GSE17721_CTRL_VS_LPS_1H_BMDC_DN
GSE9006_1MONTH_VS_4MONTH_POST_TYPE_1_DIABETES_DX_PBMC_DN, GSE9006_1MONTH_VS_4MONTH_POST_TYPE_1_DIABETES_DX_PBMC_DN
GSE37605_NOD_VS_C57BL6_IRES_GFP_TREG_DN, GSE37605_NOD_VS_C57BL6_IRES_GFP_TREG_DN
GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_IKAROS_KO_DN, GSE15330_HSC_VS_MEGAKARYOCYTE_ERYTHROID_PROGENITOR_IKAROS_KO_DN
GSE25123_CTRL_VS_IL4_STIM_PPARG_KO_MACROPHAGE_DN, GSE25123_CTRL_VS_IL4_STIM_PPARG_KO_MACROPHAGE_DN
GSE13411 NAIVE VS IGM MEMORY BCELL UP, GSE13411 NAIVE VS IGM MEMORY BCELL UP
GSE7548_NAIVE_VS_DAY28_PCC_IMMUNIZATION_CD4_TCELL_DN, GSE7548_NAIVE_VS_DAY28_PCC_IMMUNIZATION_CD4_TCELL_DN
GSE17721_LPS_VS_CPG_2H_BMDC_UP, GSE17721_LPS_VS_CPG_2H_BMDC_UP
GSE18148 CBFB KO VS WT TREG DN, GSE18148 CBFB KO VS WT TREG DN
GSE14413_UNSTIM_VS_IFNB_STIM_L929_CELLS_DN, GSE14413_UNSTIM_VS_IFNB_STIM_L929_CELLS_DN
GSE2826_XID_VS_BTK_KO_BCELL_DN, GSE2826_XID_VS_BTK_KO_BCELL_DN
```

GSE21546_WT_VS_ELK1_KO_ANTI_CD3_STIM_DP_THYMOCYTES_UP, GSE21546_WT_VS_ELK1_KO_ANTI_CD3_STIM_DP_THYMOCYTES_UP

GSE14415_NATURAL_TREG_VS_FOXP3_KO_NATURAL_TREG_UP, GSE14415_NATURAL_TREG_VS_FOXP3_KO_NATURAL_TREG_UP

GSE37301_LYMPHOID_PRIMED_MPP_VS_RAG2_KO_NK_CELL_DN, GSE37301_LYMPHOID_PRIMED_MPP_VS_RAG2_KO_NK_CELL_DN

GSE9946_IMMATURE_VS_MATURE_STIMULATORY_DC_UP, GSE9946_IMMATURE_VS_MATURE_STIMULATORY_DC_UP

GSE13411_IGM_MEMORY_BCELL_VS_PLASMA_CELL_DN, GSE13411_IGM_MEMORY_BCELL_VS_PLASMA_CELL_DN

GSE33292_DN3_THYMOCYTE_VS_TCF1_KO_TCELL_LYMPHOMA_DN, GSE33292_DN3_THYMOCYTE_VS_TCF1_KO_TCELL_LYMPHOMA_DN

GSE45365_HEALTHY_VS_MCMV_INFECTION_CD8_TCELL_IFNAR_KO_DN, GSE45365_HEALTHY_VS_MCMV_INFECTION_CD8_TCELL_IFNAR_KO_DN

GSE7460 CTRL VS FOXP3 OVEREXPR TCONV 1 DN, GSE7460 CTRL VS FOXP3 OVEREXPR TCONV 1 DN

GSE2585_THYMIC_MACROPHAGE_VS_MTEC_DN, GSE2585_THYMIC_MACROPHAGE_VS_MTEC_DN

GSE3982_BCELL_VS_TH1_UP, GSE3982_BCELL_VS_TH1_UP

GSE22033_WT_VS_PPARG_KO_MEF_UP, GSE22033_WT_VS_PPARG_KO_MEF_UP

GSE43955_1H_VS_20H_ACT_CD4_TCELL_DN, GSE43955_1H_VS_20H_ACT_CD4_TCELL_DN

GSE1566_WT_VS_EZH2_KO_LN_TCELL_DN, GSE1566_WT_VS_EZH2_KO_LN_TCELL_DN

GSE17721_LPS_VS_POLYIC_2H_BMDC_UP, GSE17721_LPS_VS_POLYIC_2H_BMDC_UP

_GCSF_TREATED_BONE_MARROW_DN, GSE21927_GMCSF_IL6_VS_GMCSF_GCSF_TREATED_BONE_MARROW_DN