```
GSE33162_HDAC3_KO_VS_HDAC3_KO_4H_LPS_STIM_MACROPHAGE_UP, GSE33162_HDAC3_KO_VS_HDAC3_KO_4H_LPS_STIM_MACROPHAGE_UP
GSE27859_MACROPHAGE_VS_CD11C_INT_F480_HI_MACROPHAGE_UP, GSE27859_MACROPHAGE_VS_CD11C_INT_F480_HI_MACROPHAGE_UP
GSE37416_0H_VS_12H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_0H_VS_12H_F_TULARENSIS_LVS_NEUTROPHIL_DN
GSE25088_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_STAT6_KO_MACROPHAGE_DAY10_DN, GSE25088_ROSIGLITAZONE_VS_IL4_AND_ROSIGLITAZONE_STIM_STAT6_KO_MACROPHA
GSE37416_0H_VS_3H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_0H_VS_3H_F_TULARENSIS_LVS_NEUTROPHIL_DN
GSE6674 PL2 3 VS ANTI IGM AND CPG STIM BCELL DN, GSE6674 PL2 3 VS ANTI IGM AND CPG STIM BCELL DN
GSE2706 UNSTIM_VS_2H_LPS_DC_DN, GSE2706_UNSTIM_VS_2H_LPS_DC_DN
GSE9988_ANTI_TREM1_VS_LOW_LPS_MONOCYTE_UP, GSE9988_ANTI_TREM1_VS_LOW_LPS_MONOCYTE_UP
GSE29164_UNTREATED_VS_CD8_TCELL_TREATED_MELANOMA_DAY3_UP, GSE29164_UNTREATED_VS_CD8_TCELL_TREATED_MELANOMA_DAY3_UP
GSE37416_CTRL_VS_12H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_CTRL_VS_12H_F_TULARENSIS_LVS_NEUTROPHIL_DN
GSE9988_ANTI_TREM1_VS_LPS_MONOCYTE_UP, GSE9988_ANTI_TREM1_VS_LPS_MONOCYTE_UP
GSE37416 12H VS 24H F TULARENSIS LVS NEUTROPHIL DN, GSE37416 12H VS 24H F TULARENSIS LVS NEUTROPHIL DN
GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_DOUBLE_POSITIVE_THYMOCYTE_DN, GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_DOUBLE_POSITIVE_THYMOCYTE_DN
GSE22601 IMMATURE CD4 SINGLE POSITIVE VS CD8 SINGLE POSITIVE THYMOCYTE DN, GSE22601 IMMATURE CD4 SINGLE POSITIVE VS CD8 SINGLE POSITIVE THYMOCYTE DN
GSE37605 FOXP3 FUSION GFP VS IRES GFP TREG C57BL6 UP, GSE37605 FOXP3 FUSION GFP VS IRES GFP TREG C57BL6 UP
GSE9988_ANTI_TREM1_VS_VEHICLE_TREATED_MONOCYTES_UP, GSE9988_ANTI_TREM1_VS_VEHICLE_TREATED_MONOCYTES_UP
GSE37416_0H_VS_24H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_0H_VS_24H_F_TULARENSIS_LVS_NEUTROPHIL_DN
GSE22935_UNSTIM_VS_24H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_UP, GSE22935_UNSTIM_VS_24H_MBOVIS_BCG_STIM_MYD88_KO_MACROPHAGE_UP
GSE41867_LCMV_ARMSTRONG_VS_CLONE13_DAY8_EFFECTOR_CD8_TCELL_UP, GSE41867_LCMV_ARMSTRONG_VS_CLONE13_DAY8_EFFECTOR_CD8_TCELL_UP
GSE46606_UNSTIM_VS_CD40L_IL2_IL5_1DAY_STIMULATED_IRF4MID_SORTED_BCELL_UP, GSE46606_UNSTIM_VS_CD40L_IL2_IL5_1DAY_STIMULATED_IRF4MID_SORTED_BCELL_UP
GSE37416_0H_VS_6H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_0H_VS_6H_F_TULARENSIS_LVS_NEUTROPHIL_DN
GSE16450_CTRL_VS_IFNA_6H_STIM_MATURE_NEURON_CELL_LINE_DN, GSE16450_CTRL_VS_IFNA_6H_STIM_MATURE_NEURON_CELL_LINE_DN
GSE37416_0H_VS_48H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_0H_VS_48H_F_TULARENSIS_LVS_NEUTROPHIL_DN
GSE25088_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_STAT6_KO_MACROPHAGE_DAY10_DN, GSE25088_IL4_VS_IL4_AND_ROSIGLITAZONE_STIM_STAT6_KO_MACROPHAGE_DAY10_DN
GSE17721_POLYIC_VS_PAM3CSK4_8H_BMDC_UP, GSE17721_POLYIC_VS_PAM3CSK4_8H_BMDC_UP
GSE3920_UNTREATED_VS_IFNA_TREATED_FIBROBLAST_UP, GSE3920_UNTREATED_VS_IFNA_TREATED_FIBROBLAST_UP
GSE9988_LPS_VS_LPS_AND_ANTI_TREM1_MONOCYTE_DN, GSE9988_LPS_VS_LPS_AND_ANTI_TREM1_MONOCYTE_DN
GSE17721_CTRL_VS_GARDIQUIMOD_24H_BMDC_UP, GSE17721_CTRL_VS_GARDIQUIMOD_24H_BMDC_UP
GSE16385_ROSIGLITAZONE_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_UP, GSE16385_ROSIGLITAZONE_IFNG_TNF_VS_IL4_STIM_MACROPHAGE_UP
GSE17721_PAM3CSK4_VS_GADIQUIMOD_2H_BMDC_DN, GSE17721_PAM3CSK4_VS_GADIQUIMOD_2H_BMDC_DN
GSE12392_IFNAR_KO_VS_IFNB_KO_CD8_NEG_SPLEEN_DC_UP, GSE12392_IFNAR_KO_VS_IFNB_KO_CD8_NEG_SPLEEN_DC_UP
GSE360_T_GONDII_VS_B_MALAYI_HIGH_DOSE_DC_UP, GSE360_T_GONDII_VS_B_MALAYI_HIGH_DOSE_DC_UP
GSE37416_CTRL_VS_6H_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_CTRL_VS_6H_F_TULARENSIS_LVS_NEUTROPHIL_DN
GSE21670_TGFB_VS_TGFB_AND_IL6_TREATED_CD4_TCELL_DN, GSE21670_TGFB_VS_TGFB_AND_IL6_TREATED_CD4_TCELL_DN
GSE37605_TREG_VS_TCONV_NOD_FOXP3_FUSION_GFP_UP, GSE37605_TREG_VS_TCONV_NOD_FOXP3_FUSION_GFP_UP
GSE17322_CD103_POS_VS_CD11B_HIGH_LUNG_DC_UP, GSE17322_CD103_POS_VS_CD11B_HIGH_LUNG_DC_UP
GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_UP, GSE11864_CSF1_VS_CSF1_IFNG_IN_MAC_UP
GSE5589_IL6_KO_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_UP, GSE5589_IL6_KO_VS_IL10_KO_LPS_AND_IL10_STIM_MACROPHAGE_45MIN_UP
GSE37301_HEMATOPOIETIC_STEM_CELL_VS_LYMPHOID_PRIMED_MPP_DN, GSE37301_HEMATOPOIETIC_STEM_CELL_VS_LYMPHOID_PRIMED_MPP_DN
GSE16385 MONOCYTE VS 12H ROSIGLITAZONE IL4 TREATED MACROPHAGE DN, GSE16385 MONOCYTE VS 12H ROSIGLITAZONE IL4 TREATED MACROPHAGE DN
GSE6674 CPG VS CPG AND ANTI IGM STIM BCELL DN, GSE6674 CPG VS CPG AND ANTI IGM STIM BCELL DN
GSE17721_POLYIC_VS_CPG_6H_BMDC_DN, GSE17721_POLYIC_VS_CPG_6H_BMDC_DN
GSE339 CD4POS VS CD8POS DC UP, GSE339 CD4POS VS CD8POS DC UP
GSE21670_UNTREATED_VS_TGFB_TREATED_STAT3_KO_CD4_TCELL_DN, GSE21670_UNTREATED_VS_TGFB_TREATED_STAT3_KO_CD4_TCELL_DN
GSE35825_UNTREATED_VS_IFNG_STIM_MACROPHAGE_UP, GSE35825_UNTREATED_VS_IFNG_STIM_MACROPHAGE_UP
GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_24H_DN, GSE8921_UNSTIM_0H_VS_TLR1_2_STIM_MONOCYTE_24H_DN
GSE11961_MARGINAL_ZONE_BCELL_VS_GERMINAL_CENTER_BCELL_DAY40_UP, GSE11961_MARGINAL_ZONE_BCELL_VS_GERMINAL_CENTER_BCELL_DAY40_UP
GSE14769_40MIN_VS_360MIN_LPS_BMDM_DN, GSE14769_40MIN_VS_360MIN_LPS_BMDM_DN
GSE7218_IGM_VS_IGG_SIGNAL_THGOUGH_ANTIGEN_BCELL_DN, GSE7218_IGM_VS_IGG_SIGNAL_THGOUGH_ANTIGEN_BCELL_DN
GSE29615_CTRL_VS_DAY3_LAIV_IFLU_VACCINE_PBMC_UP, GSE29615_CTRL_VS_DAY3_LAIV_IFLU_VACCINE_PBMC_UP
GSE22611_NOD2_TRANSDUCED_VS_CTRL_HEK293T_STIMULATED_WITH_MDP_2H_UP, GSE22611_NOD2_TRANSDUCED_VS_CTRL_HEK293T_STIMULATED_WITH_MDP_2H_UP
GSE9988_ANTI_TREM1_AND_LPS_VS_VEHICLE_TREATED_MONOCYTES_UP, GSE9988_ANTI_TREM1_AND_LPS_VS_VEHICLE_TREATED_MONOCYTES_UP
GSE3982_CTRL_VS_LPS_48H_DC_DN, GSE3982_CTRL_VS_LPS_48H_DC_DN
GSE17721_12H_VS_24H_LPS_BMDC_UP, GSE17721_12H_VS_24H_LPS_BMDC_UP
GSE7852_TREG_VS_TCONV_FAT_UP, GSE7852_TREG_VS_TCONV_FAT_UP
GSE17721_CPG_VS_GARDIQUIMOD_6H_BMDC_UP, GSE17721_CPG_VS_GARDIQUIMOD_6H_BMDC_UP
GSE29618_BCELL_VS_MDC_UP, GSE29618_BCELL_VS_MDC_UP
GSE2706_2H_VS_8H_R848_AND_LPS_STIM_DC_DN, GSE2706_2H_VS_8H_R848_AND_LPS_STIM_DC_DN
GSE3920_IFNA_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP, GSE3920_IFNA_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP
GSE40443_INDUCED_VS_TOTAL_TREG_UP, GSE40443_INDUCED_VS_TOTAL_TREG_UP
GSE9988_ANTI_TREM1_AND_LPS_VS_CTRL_TREATED_MONOCYTES_UP, GSE9988_ANTI_TREM1_AND_LPS_VS_CTRL_TREATED_MONOCYTES_UP
GSE45365_NK_CELL_VS_CD8_TCELL_MCMV_INFECTION_DN, GSE45365_NK_CELL_VS_CD8_TCELL_MCMV_INFECTION_DN
GSE15330_GRANULOCYTE_MONOCYTE_PROGENITOR_VS_PRO_BCELL_DN, GSE15330_GRANULOCYTE_MONOCYTE_PROGENITOR_VS_PRO_BCELL_DN
GSE45739_UNSTIM_VS_ACD3_ACD28_STIM_WT_CD4_TCELL_DN, GSE45739_UNSTIM_VS_ACD3_ACD28_STIM_WT_CD4_TCELL_DN
GSE2706_UNSTIM_VS_2H_R848_DC_DN, GSE2706_UNSTIM_VS_2H_R848_DC_DN
GSE10273_HIGH_VS_LOW_IL7_TREATED_IRF4_8_NULL_PRE_BCELL_UP, GSE10273_HIGH_VS_LOW_IL7_TREATED_IRF4_8_NULL_PRE_BCELL_UP
GSE22033_UNTREATED_VS_ROSIGLITAZONE_TREATED_MEF_DN, GSE22033_UNTREATED_VS_ROSIGLITAZONE_TREATED_MEF_DN
GSE2706_UNSTIM_VS_8H_LPS_AND_R848_DC_DN, GSE2706_UNSTIM_VS_8H_LPS_AND_R848_DC_DN
GSE2706_R848_VS_R848_AND_LPS_8H_STIM_DC_DN, GSE2706_R848_VS_R848_AND_LPS_8H_STIM_DC_DN
GSE7852_LN_VS_FAT_TREG_DN, GSE7852_LN_VS_FAT_TREG_DN
GSE29949_CD8_POS_DC_SPLEEN_VS_MONOCYTE_BONE_MARROW_DN, GSE29949_CD8_POS_DC_SPLEEN_VS_MONOCYTE_BONE_MARROW_DN
GSE46606_UNSTIM_VS_CD40L_IL2_IL5_3DAY_STIMULATED_IRF4MID_SORTED_BCELL_DN, GSE46606_UNSTIM_VS_CD40L_IL2_IL5_3DAY_STIMULATED_IRF4MID_SORTED_BCELL_DN
GSE360_T_GONDII_VS_B_MALAYI_LOW_DOSE_DC_UP, GSE360_T_GONDII_VS_B_MALAYI_LOW_DOSE_DC_UP
GSE25088_WT_VS_STAT6_KO_MACROPHAGE_ROSIGLITAZONE_STIM_DN, GSE25088_WT_VS_STAT6_KO_MACROPHAGE_ROSIGLITAZONE_STIM_DN
GSE15330_LYMPHOID_MULTIPOTENT_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP, GSE15330_LYMPHOID_MULTIPOTENT_VS_GRANULOCYTE_MONOCYTE_PROGENITOR_UP
GSE13484_UNSTIM_VS_3H_YF17D_VACCINE_STIM_PBMC_DN, GSE13484_UNSTIM_VS_3H_YF17D_VACCINE_STIM_PBMC_DN
GSE20715_0H_VS_24H_OZONE_TLR4_KO_LUNG_DN, GSE20715_0H_VS_24H_OZONE_TLR4_KO_LUNG_DN
GSE21678 WT_VS_FOXO1_FOXO3_KO_TREG_UP, GSE21678 WT_VS_FOXO1_FOXO3_KO_TREG_UP
GSE27786_LSK_VS_LIN_NEG_CELL_UP, GSE27786_LSK_VS_LIN_NEG_CELL_UP
GSE14908_RESTING_VS_HDM_STIM_CD4_TCELL_NONATOPIC_PATIENT_UP, GSE14908_RESTING_VS_HDM_STIM_CD4_TCELL_NONATOPIC_PATIENT_UP
GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_CD4_SINGLE_POSITIVE_THYMOCYTE_DN, GSE22601_IMMATURE_CD4_SINGLE_POSITIVE_VS_CD4_SINGLE_POSITIVE_THYMOCYTE_DN
GSE13887_RESTING_VS_ACT_CD4_TCELL_DN, GSE13887_RESTING_VS_ACT_CD4_TCELL_DN
GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_8H_UP, GSE21063_CTRL_VS_ANTI_IGM_STIM_BCELL_8H_UP
GSE9960_GRAM_NEG_VS_GRAM_POS_SEPSIS_PBMC_UP, GSE9960_GRAM_NEG_VS_GRAM_POS_SEPSIS_PBMC_UP
GSE43863_TFH_VS_LY6C_INT_CXCR5POS_MEMORY_CD4_TCELL_UP, GSE43863_TFH_VS_LY6C_INT_CXCR5POS_MEMORY_CD4_TCELL_UP
GSE21546_WT_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_UP, GSE21546_WT_VS_SAP1A_KO_AND_ELK1_KO_DP_THYMOCYTES_UP
GSE19374_UNINF_VS_LISTERIA_INFECTED_MACROPHAGE_DN, GSE19374_UNINF_VS_LISTERIA_INFECTED_MACROPHAGE_DN
GSE12505 WT VS E2 2 HET PDC DN, GSE12505 WT VS E2 2 HET PDC DN
GSE3920_UNTREATED_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP, GSE3920_UNTREATED_VS_IFNG_TREATED_ENDOTHELIAL_CELL_UP
GSE22935 24H VS 48H MBOVIS BCG STIM MYD88 KO MACROPHAGE UP, GSE22935 24H VS 48H MBOVIS BCG STIM MYD88 KO MACROPHAGE UP
GSE9037_CTRL_VS_LPS_1H_STIM_IRAK4_KO_BMDM_DN, GSE9037_CTRL_VS_LPS_1H_STIM_IRAK4_KO_BMDM_DN
GSE22611_UNSTIM_VS_2H_MDP_STIM_NOD2_TRANSDUCED_HEK293T_CELL_DN, GSE22611_UNSTIM_VS_2H_MDP_STIM_NOD2_TRANSDUCED_HEK293T_CELL_DN
GSE42088 2H VS 24H LEISHMANIA INF DC DN, GSE42088 2H VS 24H LEISHMANIA INF DC DN
GSE19888_ADENOSINE_A3R_ACT_VS_TCELL_MEMBRANES_ACT_AND_A3R_INH_PRETREAT_IN_MAST_CELL_DN, GSE19888_ADENOSINE_A3R_ACT_VS_TCELL_MEMBRANES_ACT_AND_A3R_INH_I
GSE28737_WT_VS_BCL6_KO_FOLLICULAR_BCELL_UP, GSE28737_WT_VS_BCL6_KO_FOLLICULAR_BCELL_UP
```

GSE12198\_CTRL\_VS\_HIGH\_IL2\_STIM\_NK\_CELL\_UP, GSE12198\_CTRL\_VS\_HIGH\_IL2\_STIM\_NK\_CELL\_UP GSE360\_HIGH\_VS\_LOW\_DOSE\_B\_MALAYI\_DC\_UP, GSE360\_HIGH\_VS\_LOW\_DOSE\_B\_MALAYI\_DC\_UP

GSE29949\_CD8\_POS\_DC\_SPLEEN\_VS\_MONOCYTE\_BONE\_MARROW\_UP, GSE29949\_CD8\_POS\_DC\_SPLEEN\_VS\_MONOCYTE\_BONE\_MARROW\_UP

```
_F_TULARENSIS_LVS_NEUTROPHIL_DN, GSE37416_CTRL_VS_24H_F_TULARENSIS_LVS_NEUTROPHIL_DN
```