GSE22886 NAIVE CD4_TCELL_VS_NKCELL_DN, GSE22886_NAIVE_CD4_TCELL_VS_NKCELL_DN GSE22886_NAIVE_CD8_TCELL_VS_NKCELL_DN, GSE22886_NAIVE_CD8_TCELL_VS_NKCELL_DN GSE16385_ROSIGLITAZONE_IL4_VS_IL4_ALONE_STIM_MACROPHAGE_12H_UP, GSE16385_ROSIGLITAZONE_IL4_VS_IL4_ALONE_STIM_MACROPHAGE_12H_UP GSE27291_0H_VS_7D_STIM_GAMMADELTA_TCELL_DN, GSE27291_0H_VS_7D_STIM_GAMMADELTA_TCELL_DN GSE2770_IL4_ACT_VS_ACT_CD4_TCELL_6H_DN, GSE2770_IL4_ACT_VS_ACT_CD4_TCELL_6H_DN GSE4984_LPS_VS_VEHICLE_CTRL_TREATED_DC_DN, GSE4984_LPS_VS_VEHICLE_CTRL_TREATED_DC_DN GSE21927_SPLENIC_VS_TUMOR_MONOCYTES_FROM_C26GM_TUMOROUS_MICE_BALBC_DN, GSE21927_SPLENIC_VS_TUMOR_MONOCYTES_FROM_C26GM_TUMOROUS_MICE_BALBC_DN GSE5542_UNTREATED_VS_IFNG_TREATED_EPITHELIAL_CELLS_6H_DN, GSE5542_UNTREATED_VS_IFNG_TREATED_EPITHELIAL_CELLS_6H_DN VE TCELL VS NKCELL DN, GSE22886 NAIVE TCELL VS NKCELL DN

```
GSE14308_TH17_VS_INDUCED_TREG_UP, GSE14308_TH17_VS_INDUCED_TREG_UP
GSE22601_CD4_SINGLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN, GSE22601_CD4_SINGLE_POSITIVE_VS_CD8_SINGLE_POSITIVE_THYMOCYTE_DN
GSE20151_CTRL_VS_FUSOBACT_NUCLEATUM_NEUTROPHIL_DN, GSE20151_CTRL_VS_FUSOBACT_NUCLEATUM_NEUTROPHIL_DN
GSE22432_PDC_VS_TGFB1_TREATEDCOMMON_DC_PROGENITOR_DN, GSE22432_PDC_VS_TGFB1_TREATEDCOMMON_DC_PROGENITOR_DN
GSE14308_NAIVE_CD4_TCELL_VS_INDUCED_TREG_UP, GSE14308_NAIVE_CD4_TCELL_VS_INDUCED_TREG_UP
 GSE27786_CD4_TCELL_VS_NKCELL_DN, GSE27786_CD4_TCELL_VS_NKCELL_DN
 GSE22601_DOUBLE_NEGATIVE_VS_DOUBLE_POSITIVE_THYMOCYTE_DN, GSE22601_DOUBLE_NEGATIVE_VS_DOUBLE_POSITIVE_THYMOCYTE_DN
  GSE8921_UNSTIM_VS_TLR1_2_STIM_MONOCYTE_3H_DN, GSE8921_UNSTIM_VS_TLR1_2_STIM_MONOCYTE_3H_DN
  GSE45881_CXCR6HI_VS_CXCR1LO_COLONIC_LAMINA_PROPRIA_UP, GSE45881_CXCR6HI_VS_CXCR1LO_COLONIC_LAMINA_PROPRIA_UP
  GSE39820_CTRL_VS_IL1B_IL6_CD4_TCELL_DN, GSE39820_CTRL_VS_IL1B_IL6_CD4_TCELL_DN
 GSE7764_NKCELL_VS_SPLENOCYTE_UP, GSE7764_NKCELL_VS_SPLENOCYTE_UP
 GSE13547_WT_VS_ZFX_KO_BCELL_UP, GSE13547_WT_VS_ZFX_KO_BCELL_UP
  GSE31082_DN_VS_CD4_SP_THYMOCYTE_DN, GSE31082_DN_VS_CD4_SP_THYMOCYTE_DN
 GSE3994 WT VS PAC1 KO ACTIVATED MAST CELL DN, GSE3994 WT VS PAC1 KO ACTIVATED MAST CELL DN
  GSE37301_CD4_TCELL_VS_RAG2_KO_NK_CELL_DN, GSE37301_CD4_TCELL_VS_RAG2_KO_NK_CELL_DN
  GSE3982_EOSINOPHIL_VS_DC_UP, GSE3982_EOSINOPHIL_VS_DC_UP
 GSE45739_UNSTIM_VS_ACD3_ACD28_STIM_NRAS_KO_CD4_TCELL_DN, GSE45739_UNSTIM_VS_ACD3_ACD28_STIM_NRAS_KO_CD4_TCELL_DN
  GSE5542_UNTREATED_VS_IFNA_TREATED_EPITHELIAL_CELLS_6H_UP, GSE5542_UNTREATED_VS_IFNA_TREATED_EPITHELIAL_CELLS_6H_UP
  GSE7219_WT_VS_NIK_NFKB2_KO_DC_DN, GSE7219_WT_VS_NIK_NFKB2_KO_DC_DN
  GSE21927_SPLEEN_VS_BONE_MARROW_MONOCYTE_BALBC_UP, GSE21927_SPLEEN_VS_BONE_MARROW_MONOCYTE_BALBC_UP
 GSE31082_CD4_VS_CD8_SP_THYMOCYTE_UP, GSE31082_CD4_VS_CD8_SP_THYMOCYTE_UP
  GSE20727_H2O2_VS_ROS_INHIBITOR_TREATED_DC_UP, GSE20727_H2O2_VS_ROS_INHIBITOR_TREATED_DC_UP
 GSE27896_HDAC6_KO_VS_WT_TREG_UP, GSE27896_HDAC6_KO_VS_WT_TREG_UP
 GSE1460_INTRATHYMIC_T_PROGENITOR_VS_DP_THYMOCYTE_UP, GSE1460_INTRATHYMIC_T_PROGENITOR_VS_DP_THYMOCYTE_UP
 GSE27241_WT_CTRL_VS_DIGOXIN_TREATED_RORGT_KO_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_UP, GSE27241_WT_CTRL_VS_DIGOXIN_TREATED_RORGT_KO_CD4_TCELL_IN_TH17_POLARIZING_CONDITIONS_UP
 GSE40274_CTRL_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_FOXP3_AND_LEF1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
  GSE15750_DAY6_VS_DAY10_TRAF6KO_EFF_CD8_TCELL_DN, GSE15750_DAY6_VS_DAY10_TRAF6KO_EFF_CD8_TCELL_DN
  GSE18893_CTRL_VS_TNF_TREATED_TREG_24H_DN, GSE18893_CTRL_VS_TNF_TREATED_TREG_24H_DN
  GSE13738_TCR_VS_BYSTANDER_ACTIVATED_CD4_TCELL_UP, GSE13738_TCR_VS_BYSTANDER_ACTIVATED_CD4_TCELL_UP
  GSE3982_MAST_CELL_VS_BCELL_UP, GSE3982_MAST_CELL_VS_BCELL_UP
 GSE29618_PDC_VS_MDC_UP, GSE29618_PDC_VS_MDC_UP
  GSE20152_HTNFA_OVERXPRESS_ANKLE_VS_CTRL_SPHK1_KO_ANKLE_UP, GSE20152_HTNFA_OVERXPRESS_ANKLE_VS_CTRL_SPHK1_KO_ANKLE_UP
  GSE32423_MEMORY_VS_NAIVE_CD8_TCELL_IL7_UP, GSE32423_MEMORY_VS_NAIVE_CD8_TCELL_IL7_UP
  GSE8921_UNSTIM_VS_TLR1_2_STIM_MONOCYTE_12H_UP, GSE8921_UNSTIM_VS_TLR1_2_STIM_MONOCYTE_12H_UP
  GSE43955_1H_VS_60H_ACT_CD4_TCELL_DN, GSE43955_1H_VS_60H_ACT_CD4_TCELL_DN
  GSE3720_LPS_VS_PMA_STIM_VD2_GAMMADELTA_TCELL_UP, GSE3720_LPS_VS_PMA_STIM_VD2_GAMMADELTA_TCELL_UP
 GSE40274_CTRL_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_CTRL_VS_FOXP3_AND_GATA1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
 GSE43863_TH1_VS_LY6C_INT_CXCR5POS_EFFECTOR_CD4_TCELL_DN, GSE43863_TH1_VS_LY6C_INT_CXCR5POS_EFFECTOR_CD4_TCELL_DN
  HOFT_PBMC_TICE_BCG_RBCG_AG85A_AG85B_AGE_18_40YO_CORRELATED_WITH_WHOLE_BLOOD_BACTERICIDAL_ACTIVITY_NEGATIVE, HOFT_PBMC_TICE_BCG_RBCG_AG85A_AG85B_AGE_18_40YO_CORRELATED_WITH_WHOLE_BLOOD_BACTERICIDAL_ACTIVITY_NEGATIVE
 GSE29618_BCELL_VS_PDC_DAY7_FLU_VACCINE_DN, GSE29618_BCELL_VS_PDC_DAY7_FLU_VACCINE_DN
 GSE38304_MYC_NEG_VS_POS_GC_BCELL_UP, GSE38304_MYC_NEG_VS_POS_GC_BCELL_UP
 GSE37301 HEMATOPOIETIC STEM CELL VS PRO BCELL UP, GSE37301 HEMATOPOIETIC STEM CELL VS PRO BCELL UP
HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BETA MEMORY T CELL BCG VACCINE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BCT AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE ALPHA BCT AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VITRO RE STIMULATION DN, HOFT CD4 POSITIVE AGE 18 45YO ID 56D TOP 100 DEG AFTER IN VI
GSE26928_EFF_MEM_VS_CENTR_MEM_CD4_TCELL_UP, GSE26928_EFF_MEM_VS_CENTR_MEM_CD4_TCELL_UP
GSE13522 CTRL VS T CRUZI Y STRAIN INF SKIN 129 MOUSE DN, GSE13522 CTRL VS T CRUZI Y STRAIN INF SKIN 129 MOUSE DN
GSE19941_IL10_KO_VS_IL10_KO_AND_NFKBP50_KO_UNSTIM_MACROPHAGE_DN, GSE19941_IL10_KO_VS_IL10_KO_AND_NFKBP50_KO_UNSTIM_MACROPHAGE_DN
GSE21033 CTRL VS POLYIC STIM DC 24H UP, GSE21033 CTRL VS POLYIC STIM DC 24H UP
GSE32255_WT_VS_JMJD2D_KNOCKDOWN_4H_LPS_STIM_DC_UP, GSE32255_WT_VS_JMJD2D_KNOCKDOWN_4H_LPS_STIM_DC_UP
KAZMIN_PBMC_P_FALCIPARUM_RTSS_AS01_AGE_UNKNOWN_CORRELATED_WITH_PROTECTION_56DY_NEGATIVE, KAZMIN_PBMC_P_FALCIPARUM_RTSS_AS01_AGE_UNKNOWN_CORRELATED_WITH_PROTECTION_56DY_NEGATIVE
GSE40274_FOXP3_VS_FOXP3_AND_PBX1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP, GSE40274_FOXP3_VS_FOXP3_AND_PBX1_TRANSDUCED_ACTIVATED_CD4_TCELL_UP
FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_14DY_NEGATIVE, FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_14DY_NEGATIVE, FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_14DY_NEGATIVE, FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_14DY_NEGATIVE, FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_INFLUENZA_VACCINE_CORRELATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_14DY_NEGATIVE, FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_WITH_ANTIBODY_RESPONSE_AGE_18_40YO_14DY_NEGATIVE, FRANCO_BLOOD_SANOFI_PASTEUR_SA_INACTIVATED_WITH_ANTIBODY_RESPONSE_BLOOD_FRANCO_BLOOD_FRANCO_BLOOD_FRANCO_BLOOD_FRANCO_BLOOD_FRANCO_BLO
CAO_BLOOD_FLUZONE_AGE_05_14YO_7DY_DN, CAO_BLOOD_FLUZONE_AGE_05_14YO_7DY_DN
LI_PBMC_ZOSTAVAX_AGE_25_40_AND_60_79YO_1DY_UP, LI_PBMC_ZOSTAVAX_AGE_25_40_AND_60_79YO_1DY_UP
 GSE15324_ELF4_KO_VS_WT_ACTIVATED_CD8_TCELL_DN, GSE15324_ELF4_KO_VS_WT_ACTIVATED_CD8_TCELL_DN
```