GSE22589\_HEALTHY\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN, GSE22589\_HEALTHY\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN GSE27786\_CD4\_TCELL\_VS\_MONO\_MAC\_UP, GSE27786\_CD4\_TCELL\_VS\_MONO\_MAC\_UP GSE2770\_IL12\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_DN, GSE2770\_IL12\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_DN GSE37416\_12H\_VS\_24H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN, GSE37416\_12H\_VS\_24H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN GSE14415\_ACT\_VS\_CTRL\_NATURAL\_TREG\_DN, GSE14415\_ACT\_VS\_CTRL\_NATURAL\_TREG\_DN GSE20198\_IL12\_IL18\_VS\_IFNA\_TREATED\_ACT\_CD4\_TCELL\_DN, GSE20198\_IL12\_IL18\_VS\_IFNA\_TREATED\_ACT\_CD4\_TCELL\_DN GSE27786\_CD4\_TCELL\_VS\_NEUTROPHIL\_UP, GSE27786\_CD4\_TCELL\_VS\_NEUTROPHIL\_UP GSE23308\_CTRL\_VS\_CORTICOSTERONE\_TREATED\_MACROPHAGE\_MINERALCORTICOID\_REC\_KO\_UP, GSE23308\_CTRL\_VS\_CORTICOSTERONE\_TREATED\_TREATE GSE17721\_12H\_VS\_24H\_POLYIC\_BMDC\_UP, GSE17721\_12H\_VS\_24H\_POLYIC\_BMDC\_UP GSE2770 UNTREATED VS IL12 TREATED ACT CD4 TCELL 48H DN, GSE2770 UNTREATED VS IL12 TREATED ACT CD4 TCELL 48H DN GSE12198\_LOW\_IL2\_STIM\_NK\_CELL\_VS\_HIGH\_IL2\_STIM\_NK\_CELL\_UP, GSE12198\_LOW\_IL2\_STIM\_NK\_CELL\_VS\_HIGH\_IL2\_STIM\_NK\_CELL\_UP GSE9037\_CTRL\_VS\_LPS\_4H\_STIM\_BMDM\_DN, GSE9037\_CTRL\_VS\_LPS\_4H\_STIM\_BMDM\_DN GSE25088\_WT\_VS\_STAT6\_KO\_MACROPHAGE\_ROSIGLITAZONE\_AND\_IL4\_STIM\_UP, GSE25088\_WT\_VS\_STAT6\_KO\_MACROPHAGE\_ROSIGLITAZONE\_AND\_IL4\_STIM\_UP GSE5503\_LIVER\_DC\_VS\_SPLEEN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN, GSE5503\_LIVER\_DC\_VS\_SPLEEN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_UP, GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_UP GSE9037\_CTRL\_VS\_LPS\_1H\_STIM\_BMDM\_UP, GSE9037\_CTRL\_VS\_LPS\_1H\_STIM\_BMDM\_UP GSE12845\_IGD\_NEG\_BLOOD\_VS\_NAIVE\_TONSIL\_BCELL\_DN, GSE12845\_IGD\_NEG\_BLOOD\_VS\_NAIVE\_TONSIL\_BCELL\_DN GSE14308\_INDUCED\_VS\_NATURAL\_TREG\_UP, GSE14308\_INDUCED\_VS\_NATURAL\_TREG\_UP GSE40274\_HELIOS\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_HELIOS\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN GSE3982 BASOPHIL VS EFF MEMORY CD4 TCELL UP, GSE3982 BASOPHIL VS EFF MEMORY CD4 TCELL UP GSE17721\_0.5H\_VS\_8H\_GARDIQUIMOD\_BMDC\_DN, GSE17721\_0.5H\_VS\_8H\_GARDIQUIMOD\_BMDC\_DN GSE33425\_CD161\_HIGH\_VS\_NEG\_CD8\_TCELL\_UP, GSE33425\_CD161\_HIGH\_VS\_NEG\_CD8\_TCELL\_UP GSE20198\_UNTREATED\_VS\_IL12\_IL18\_TREATED\_ACT\_CD4\_TCELL\_DN, GSE20198\_UNTREATED\_VS\_IL12\_IL18\_TREATED\_ACT\_CD4\_TCELL\_DN GSE20198\_IL12\_VS\_IL12\_IL18\_TREATED\_ACT\_CD4\_TCELL\_DN, GSE20198\_IL12\_VS\_IL12\_IL18\_TREATED\_ACT\_CD4\_TCELL\_DN GSE21063\_CTRL\_VS\_ANTI\_IGM\_STIM\_BCELL\_NFATC1\_KO\_8H\_UP, GSE21063\_CTRL\_VS\_ANTI\_IGM\_STIM\_BCELL\_NFATC1\_KO\_8H\_UP GSE9037\_WT\_VS\_IRAK4\_KO\_LPS\_4H\_STIM\_BMDM\_UP, GSE9037\_WT\_VS\_IRAK4\_KO\_LPS\_4H\_STIM\_BMDM\_UP GSE9037\_CTRL\_VS\_LPS\_1H\_STIM\_IRAK4\_KO\_BMDM\_UP, GSE9037\_CTRL\_VS\_LPS\_1H\_STIM\_IRAK4\_KO\_BMDM\_UP GSE40274\_CTRL\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_CTRL\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP GSE26488\_WT\_VS\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCYTE\_UP, GSE26488\_WT\_VS\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCYTE\_UP GSE2770\_IL12\_AND\_TGFB\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP, GSE2770\_IL12\_AND\_TGFB\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP GSE26928\_NAIVE\_VS\_EFF\_MEMORY\_CD4\_TCELL\_UP, GSE26928\_NAIVE\_VS\_EFF\_MEMORY\_CD4\_TCELL\_UP GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_COMMON\_LYMPHOID\_PROGENITOR\_DN, GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_COMMON\_LYMPHOID\_PROGENITOR\_DN GSE5679\_CTRL\_VS\_PPARG\_LIGAND\_ROSIGLITAZONE\_AND\_RARA\_AGONIST\_AM580\_TREATED\_DC\_UP, GSE5679\_CTRL\_VS\_PPARG\_LIGAND\_ROSIGLITAZONE\_AND\_RARA\_AGONIS GSE27786\_LIN\_NEG\_VS\_NEUTROPHIL\_DN, GSE27786\_LIN\_NEG\_VS\_NEUTROPHIL\_DN GSE37532\_WT\_VS\_PPARG\_KO\_VISCERAL\_ADIPOSE\_TISSUE\_TREG\_DN, GSE37532\_WT\_VS\_PPARG\_KO\_VISCERAL\_ADIPOSE\_TISSUE\_TREG\_DN GSE5542\_IFNA\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_UP, GSE5542\_IFNA\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_UP GSE13306\_TREG\_VS\_TCONV\_SPLEEN\_DN, GSE13306\_TREG\_VS\_TCONV\_SPLEEN\_DN GSE5679\_CTRL\_VS\_RARA\_AGONIST\_AM580\_TREATED\_DC\_DN, GSE5679\_CTRL\_VS\_RARA\_AGONIST\_AM580\_TREATED\_DC\_DN GSE17721 ALL VS 24H PAM3CSK4 BMDC UP, GSE17721 ALL VS 24H PAM3CSK4 BMDC UP GSE40274\_CTRL\_VS\_GATA1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_CTRL\_VS\_GATA1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN GSE42088\_UNINF\_VS\_LEISHMANIA\_INF\_DC\_24H\_DN, GSE42088\_UNINF\_VS\_LEISHMANIA\_INF\_DC\_24H\_DN GSE26495 NAIVE VS PD1HIGH CD8 TCELL DN, GSE26495 NAIVE VS PD1HIGH CD8 TCELL DN GSE12366 NAIVE VS MEMORY BCELL DN, GSE12366 NAIVE VS MEMORY BCELL DN GSE37301 HEMATOPOIETIC STEM CELL VS RAG2 KO NK CELL DN, GSE37301 HEMATOPOIETIC STEM CELL VS RAG2 KO NK CELL DN GSE13547 WT VS ZFX KO BCELL ANTI IGM STIM 2H DN, GSE13547 WT VS ZFX KO BCELL ANTI IGM STIM 2H DN 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 GSE41978 WT VS ID2 KO AND BIM KO KLRG1 LOW EFFECTOR CD8 TCELL UP, GSE41978 WT VS ID2 KO AND BIM KO KLRG1 LOW EFFECTOR CD8 TCELL UP GSE43863\_LY6C\_INT\_CXCR5POS\_VS\_LY6C\_LOW\_CXCR5NEG\_EFFECTOR\_CD4\_TCELL\_DN, GSE43863\_LY6C\_INT\_CXCR5POS\_VS\_LY6C\_LOW\_CXCR5NEG\_EFFECTOR\_CD4\_TCELL\_DN GSE10273\_HIGH\_IL7\_VS\_HIGH\_IL7\_AND\_IRF4\_IN\_IRF4\_8\_NULL\_PRE\_BCELL\_DN, GSE10273\_HIGH\_IL7\_VS\_HIGH\_IL7\_AND\_IRF4\_IN\_IRF4\_8\_NULL\_PRE\_BCELL\_DN GSE40273\_EOS\_KO\_VS\_WT\_TREG\_DN, GSE40273\_EOS\_KO\_VS\_WT\_TREG\_DN GSE360\_DC\_VS\_MAC\_DN, GSE360\_DC\_VS\_MAC\_DN GSE14769\_UNSTIM\_VS\_120MIN\_LPS\_BMDM\_DN, GSE14769\_UNSTIM\_VS\_120MIN\_LPS\_BMDM\_DN GSE46242 CTRL VS EGR2 DELETED ANERGIC TH1 CD4 TCELL DN, GSE46242 CTRL VS EGR2 DELETED ANERGIC TH1 CD4 TCELL DN GSE5542\_IFNG\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_24H\_DN, GSE5542\_IFNG\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_24H\_DN GSE4748\_CTRL\_VS\_CYANOBACTERIUM\_LPSLIKE\_STIM\_DC\_3H\_UP, GSE4748\_CTRL\_VS\_CYANOBACTERIUM\_LPSLIKE\_STIM\_DC\_3H\_UP GSE23308\_WT\_VS\_MINERALCORTICOID\_REC\_KO\_MACROPHAGE\_DN, GSE23308\_WT\_VS\_MINERALCORTICOID\_REC\_KO\_MACROPHAGE\_DN GSE44732\_UNSTIM\_VS\_IL27\_STIM\_IMATURE\_DC\_DN, GSE44732\_UNSTIM\_VS\_IL27\_STIM\_IMATURE\_DC\_DN GSE6269\_STAPH\_AUREUS\_VS\_STREP\_PNEUMO\_INF\_PBMC\_DN, GSE6269\_STAPH\_AUREUS\_VS\_STREP\_PNEUMO\_INF\_PBMC\_DN GSE2770\_UNTREATED\_VS\_IL12\_TREATED\_ACT\_CD4\_TCELL\_6H\_DN, GSE2770\_UNTREATED\_VS\_IL12\_TREATED\_ACT\_CD4\_TCELL\_6H\_DN GSE37563\_WT\_VS\_CTLA4\_KO\_CD4\_TCELL\_D4\_POST\_IMMUNIZATION\_UP, GSE37563\_WT\_VS\_CTLA4\_KO\_CD4\_TCELL\_D4\_POST\_IMMUNIZATION\_UP GSE40274\_CTRL\_VS\_IRF4\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_CTRL\_VS\_IRF4\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_CD4\_TCELL\_UP, GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_CD4\_TCELL\_UP GSE8835\_HEALTHY\_VS\_CLL\_CD4\_TCELL\_UP, GSE8835\_HEALTHY\_VS\_CLL\_CD4\_TCELL\_UP GSE20366\_EX\_VIVO\_VS\_HOMEOSTATIC\_CONVERSION\_NAIVE\_CD4\_TCELL\_DN, GSE20366\_EX\_VIVO\_VS\_HOMEOSTATIC\_CONVERSION\_NAIVE\_CD4\_TCELL\_DN GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_12H\_ACT\_CD4\_TCELL\_DN, GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_12H\_ACT\_CD4\_TCELL\_DN GSE29164\_DAY3\_VS\_DAY7\_CD8\_TCELL\_TREATED\_MELANOMA\_DN, GSE29164\_DAY3\_VS\_DAY7\_CD8\_TCELL\_TREATED\_MELANOMA\_DN GSE14769\_UNSTIM\_VS\_360MIN\_LPS\_BMDM\_DN, GSE14769\_UNSTIM\_VS\_360MIN\_LPS\_BMDM\_DN GSE7460\_TREG\_VS\_TCONV\_ACT\_DN, GSE7460\_TREG\_VS\_TCONV\_ACT\_DN GSE10211\_UV\_INACT\_SENDAI\_VS\_LIVE\_SENDAI\_VIRUS\_TRACHEAL\_EPITHELIAL\_CELLS\_DN, GSE10211\_UV\_INACT\_SENDAI\_VS\_LIVE\_SENDAI\_VIRUS\_TRACHEAL\_EPITHELIAL\_CELI GSE22601\_IMMATURE\_CD4\_SINGLE\_POSITIVE\_VS\_CD4\_SINGLE\_POSITIVE\_THYMOCYTE\_DN, GSE22601\_IMMATURE\_CD4\_SINGLE\_POSITIVE\_VS\_CD4\_SINGLE\_POSITIVE\_THYMOCYTE GSE40274\_FOXP3\_VS\_FOXP3\_AND\_PBX1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_FOXP3\_VS\_FOXP3\_AND\_PBX1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN GSE7509\_UNSTIM\_VS\_FCGRIIB\_STIM\_DC\_DN, GSE7509\_UNSTIM\_VS\_FCGRIIB\_STIM\_DC\_DN GSE3982\_NEUTROPHIL\_VS\_BCELL\_UP, GSE3982\_NEUTROPHIL\_VS\_BCELL\_UP GSE32164\_RESTING\_DIFFERENTIATED\_VS\_CMYC\_INHIBITED\_MACROPHAGE\_UP, GSE32164\_RESTING\_DIFFERENTIATED\_VS\_CMYC\_INHIBITED\_MACROPHAGE\_UP GSE360\_HIGH\_VS\_LOW\_DOSE\_B\_MALAYI\_DC\_DN, GSE360\_HIGH\_VS\_LOW\_DOSE\_B\_MALAYI\_DC\_DN GSE17721\_CPG\_VS\_GARDIQUIMOD\_6H\_BMDC\_UP, GSE17721\_CPG\_VS\_GARDIQUIMOD\_6H\_BMDC\_UP GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_RAG2\_KO\_NK\_CELL\_DN, GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_RAG2\_KO\_NK\_CELL\_DN GSE5589\_WT\_VS\_IL10\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_DN, GSE5589\_WT\_VS\_IL10\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_DN GSE3982\_CTRL\_VS\_LPS\_48H\_DC\_DN, GSE3982\_CTRL\_VS\_LPS\_48H\_DC\_DN GSE36078\_UNTREATED\_VS\_AD5\_T425A\_HEXON\_INF\_MOUSE\_LUNG\_DC\_UP, GSE36078\_UNTREATED\_VS\_AD5\_T425A\_HEXON\_INF\_MOUSE\_LUNG\_DC\_UP GSE17721 LPS VS CPG 6H BMDC UP, GSE17721 LPS VS CPG 6H BMDC UP GSE2706\_R848\_VS\_R848\_AND\_LPS\_8H\_STIM\_DC\_UP, GSE2706\_R848\_VS\_R848\_AND\_LPS\_8H\_STIM\_DC\_UP GSE37532\_VISCERAL\_ADIPOSE\_TISSUE\_VS\_LN\_DERIVED\_TREG\_CD4\_TCELL\_DN, GSE37532\_VISCERAL\_ADIPOSE\_TISSUE\_VS\_LN\_DERIVED\_TREG\_CD4\_TCELL\_DN GSE20366\_TREG\_VS\_NAIVE\_CD4\_TCELL\_DEC205\_CONVERSION\_UP, GSE20366\_TREG\_VS\_NAIVE\_CD4\_TCELL\_DEC205\_CONVERSION\_UP GSE360\_HIGH\_DOSE\_B\_MALAYI\_VS\_M\_TUBERCULOSIS\_DC\_DN, GSE360\_HIGH\_DOSE\_B\_MALAYI\_VS\_M\_TUBERCULOSIS\_DC\_DN GSE27434\_WT\_VS\_DNMT1\_KO\_TREG\_DN, GSE27434\_WT\_VS\_DNMT1\_KO\_TREG\_DN GSE43955\_1H\_VS\_60H\_ACT\_CD4\_TCELL\_DN, GSE43955\_1H\_VS\_60H\_ACT\_CD4\_TCELL\_DN GSE15659 RESTING TREG VS NONSUPPRESSIVE TCELL UP, GSE15659 RESTING TREG VS NONSUPPRESSIVE TCELL UP GSE26488\_HDAC7\_KO\_VS\_VP16\_TRANSGENIC\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCYTE\_DN, GSE26488\_HDAC7\_KO\_VS\_VP16\_TRANSGENIC\_HDAC7\_KO\_DOUBLE\_POSITIVE\_TH GSE14350\_IL2RB\_KO\_VS\_WT\_TEFF\_DN, GSE14350\_IL2RB\_KO\_VS\_WT\_TEFF\_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 GSE41978\_WT\_VS\_ID2\_KO\_KLRG1\_LOW\_EFFECTOR\_CD8\_TCELL\_DN, GSE41978\_WT\_VS\_ID2\_KO\_KLRG1\_LOW\_EFFECTOR\_CD8\_TCELL\_DN GSE5589\_WT\_VS\_IL6\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_UP, GSE5589\_WT\_VS\_IL6\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_UP GSE2585\_CTEC\_VS\_THYMIC\_DC\_UP, GSE2585\_CTEC\_VS\_THYMIC\_DC\_UP GSE6875\_TCONV\_VS\_FOXP3\_KO\_TREG\_UP, GSE6875\_TCONV\_VS\_FOXP3\_KO\_TREG\_UP

GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_MACROPHAGE\_180MIN\_UP, GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_MACROPHAGE\_180MIN\_UP

GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_IFNG\_WT\_LIVER\_UP, GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_IFNG\_WT\_LIVER\_UP

GSE18281\_SUBCAPSULAR\_CORTICAL\_REGION\_VS\_WHOLE\_CORTEX\_THYMUS\_DN, GSE18281\_SUBCAPSULAR\_CORTICAL\_REGION\_VS\_WHOLE\_CORTEX\_THYMUS\_DN

GSE19888\_CTRL\_VS\_T\_CELL\_MEMBRANES\_ACT\_MAST\_CELL\_UP, GSE19888\_CTRL\_VS\_T\_CELL\_MEMBRANES\_ACT\_MAST\_CELL\_UP

GSE20727\_CTRL\_VS\_ROS\_INHIBITOR\_TREATED\_DC\_UP, GSE20727\_CTRL\_VS\_ROS\_INHIBITOR\_TREATED\_DC\_UP

S\_IL33\_IL7\_TREATED\_NUOCYTES\_DN, GSE25890\_CTRL\_VS\_IL33\_IL7\_TREATED\_NUOCYTES\_DN