

GSE9650.GP33.VS.GP276.LCMV.SPECIFIC\_EXHAUSTED\_CD8.TCELL\_DN,GSE9650.GP33.VS.GP276.LCMV.SPECIFIC\_EXHAUSTED\_CD8.TCELL\_UP,GSE37532.ADIPOSE.TISSUE.VS.LN.DERIVED\_PPARG.KO.TCONV.CD4.TCELL\_UP,GSE37532.ADIPOSE.TISSUE.VS.LN.DERIVED\_PPARG.KO.TCONV.CD4.TCELL\_DN,GSE16385.MONOCYTE.VS.12H.ROSIGLITAZONE.TREATED\_MACROPHAGE\_DN,GSE16385.MONOCYTE.VS.12H.ROSIGLITAZONE.TREATED\_MACROPHAGE\_DN,GSE37416.CTRL.VS.24H.F.TULARENSIS.LVS.NEUTROPHIL\_DN,GSE37416.CTRL.VS.24H.F.TULARENSIS.LVS.NEUTROPHIL\_DN,GSE37416.12H.VS.24H.F.TULARENSIS.LVS.NEUTROPHIL\_DN,GSE37416.12H.VS.24H.F.TULARENSIS.LVS.NEUTROPHIL\_DN,GSE37416.CTRL.VS.12H.F.TULARENSIS.LVS.NEUTROPHIL\_DN,GSE37416.CTRL.VS.12H.F.TULARENSIS.LVS.NEUTROPHIL\_DN,GSE17721.CTRL.VS.POLYIC.6H.BMDC\_UP,GSE17721.CTRL.VS.POLYIC.6H.BMDC\_UP,GSE37416.0H.VS.24H.F.TULARENSIS.LVS.NEUTROPHIL\_DN,GSE37416.0H.VS.24H.F.TULARENSIS.LVS.NEUTROPHIL\_DN,GSE40273.EOS.KO.VS.WT.TREG\_UP,GSE40273.EOS.KO.VS.WT.TREG\_UP,GSE17721.LPS.VS.PAM3CSK4.12H.BMDC\_UP,GSE17721.LPS.VS.PAM3CSK4.12H.BMDC\_UP,GSE42724.MEMORY\_BCELL.VS.PLASMABLAST\_UP,GSE42724.MEMORY\_BCELL.VS.PLASMABLAST\_UP,GSE39820.CTRL.VS.TGFBETA1\_IL6.CD4.TCELL\_DN,GSE39820.CTRL.VS.TGFBETA1\_IL6.CD4.TCELL\_DN,GSE2770\_IL12\_ACT.VS.ACT\_CD4.TCELL\_2H\_DN,GSE2770\_IL12\_ACT.VS.ACT\_CD4.TCELL\_2H\_DN,GSE37416.0H.VS.48H.F.TULARENSIS.LVS.NEUTROPHIL\_DN,GSE37416.0H.VS.48H.F.TULARENSIS.LVS.NEUTROPHIL\_DN,GSE45365.NK\_CELL.VS.BCELL.MCMV\_INFECTION\_UP,GSE45365.NK\_CELL.VS.BCELL.MCMV\_INFECTION\_UP,GSE9006.TYPE\_1.VS.TYPE\_2.DIABETES.PBMC\_AT\_DX\_DN,GSE9006.TYPE\_1.VS.TYPE\_2.DIABETES.PBMC\_AT\_DX\_DN,GSE2770.TGFB\_AND\_IL4.VS\_IL4.TREATED\_ACT\_CD4.TCELL\_48H\_UP,GSE2770.TGFB\_AND\_IL4.VS\_IL4.TREATED\_ACT\_CD4.TCELL\_48H\_UP,GSE20727.ROS.INH.VS.ROS.INH\_AND\_DNFB.ALLERGEN.TREATED\_DC\_UP,GSE20727.ROS.INH.VS.ROS.INH\_AND\_DNFB.ALLERGEN.TREATED\_DC\_UP,GSE37416.CTRL.VS.6H.F.TULARENSIS.LVS.NEUTROPHIL\_DN,GSE37416.CTRL.VS.6H.F.TULARENSIS.LVS.NEUTROPHIL\_DN,GSE17721.LPS.VS.CPG.8H.BMDC\_DN,GSE17721.LPS.VS.CPG.8H.BMDC\_DN,GSE41867.DAY6.VS.DAY8.LCMV\_ARMSTRONG\_EFFECTOR\_CD8.TCELL\_UP,GSE41867.DAY6.VS.DAY8.LCMV\_ARMSTRONG\_EFFECTOR\_CD8.TCELL\_UP,GSE16450.IMMATURE\_VS.MATURE\_NEURON\_CELL\_LINE\_12H\_IFNA.STIM\_DN,GSE16450.IMMATURE\_VS.MATURE\_NEURON\_CELL\_LINE\_12H\_IFNA.STIM\_DN,GSE10325.MYELOID\_VS.LUPUS.MYELOID\_DN,GSE10325.MYELOID\_VS.LUPUS.MYELOID\_DN,GSE32901\_TH1\_VS\_TH17.ENRICHED\_CD4.TCELL\_UP,GSE32901\_TH1\_VS\_TH17.ENRICHED\_CD4.TCELL\_UP,GSE22886.DAY0.VS.DAY1.MONOCYTE\_IN.CULTURE\_DN,GSE22886.DAY0.VS.DAY1.MONOCYTE\_IN.CULTURE\_DN,GSE6259.DEC205\_POS\_DC.VS.CD8.TCELL\_UP,GSE6259.DEC205\_POS\_DC.VS.CD8.TCELL\_UP,GSE18893.VS.TNF.TREATED.TCONV\_2H\_UP,GSE18893.CTRL.VS.TNF.TREATED.TCONV\_2H\_UP,GSE13484\_12H\_VS\_3H\_YF17D\_VACCINE\_STIM\_PBMC\_UP,GSE13484\_12H\_VS\_3H\_YF17D\_VACCINE\_STIM\_PBMC\_UP,GSE32255.UNSTIM\_VS\_4H\_LPS\_STIM\_DC\_DN,GSE32255.UNSTIM\_VS\_4H\_LPS\_STIM\_DC\_DN,GSE27786.LIN\_NEG.VS.NEUTROPHIL\_DN,GSE27786.LIN\_NEG.VS.NEUTROPHIL\_DN,GSE15330.WT.VS.IKAROS.KO\_HSC\_DN,GSE15330.WT.VS.IKAROS.KO\_HSC\_DN,GSE45365.WT.VS.IFNAR.KO\_CD8A\_DC\_DN,GSE45365.WT.VS.IFNAR.KO\_CD8A\_DC\_DN,GSE25088.ROSIGLITAZONE\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_STAT6\_KO\_MACROPHAGE\_DAY10\_DN,GSE25088.ROSIGLITAZONE\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_STAT6\_KO\_MACROPHAGE\_DAY10\_DN,GSE43956.WT.VS.SGK1\_KO\_THI17\_DIFFERENTIATED\_CD4.TCELL\_DN,GSE43956.WT.VS.SGK1\_KO\_THI17\_DIFFERENTIATED\_CD4.TCELL\_DN,GSE24726.WT.VS.E2\_2\_KO\_PDC\_DN,GSE24726.WT.VS.E2\_2\_KO\_PDC\_DN,GSE2770\_IL12\_AND\_TGFB\_VS\_IL4.TREATED\_ACT\_CD4.TCELL\_2H\_UP,GSE2770\_IL12\_AND\_TGFB\_VS\_IL4.TREATED\_ACT\_CD4.TCELL\_2H\_UP,GSE17721\_0.5H\_VS\_8H\_CPG\_BMDC\_DN,GSE17721\_0.5H\_VS\_8H\_CPG\_BMDC\_DN,GSE7831.UNSTIM\_VS.INFLUENZA\_STIM\_PDC\_1H\_DN,GSE7831.UNSTIM\_VS.INFLUENZA\_STIM\_PDC\_1H\_DN,GSE14000.TRANSLATED\_RNA.VS.MRNA\_4H\_LPS\_DC\_DN,GSE14000.TRANSLATED\_RNA.VS.MRNA\_4H\_LPS\_DC\_DN,GSE16755.CTRL.VS.IFNA.TREATED\_MAC\_DN,GSE16755.CTRL.VS.IFNA.TREATED\_MAC\_DN,GSE360\_L.DONOVANI.VS.B.MALAYI\_LOW\_DOSE\_MAC\_UP,GSE360\_L.DONOVANI.VS.B.MALAYI\_LOW\_DOSE\_MAC\_UP,GSE2770\_IL12\_VS\_TGFB\_AND\_IL12.TREATED\_ACT\_CD4.TCELL\_48H\_UP,GSE2770\_IL12\_VS\_TGFB\_AND\_IL12.TREATED\_ACT\_CD4.TCELL\_48H\_UP,GSE29949\_CD8\_POS\_DC\_SPLEEN\_VS.MONOCYTE\_BONE\_MARROW\_DN,GSE29949\_CD8\_POS\_DC\_SPLEEN\_VS.MONOCYTE\_BONE\_MARROW\_DN,GSE12392\_CD8A\_POS\_VS\_NEG\_SPLEEN\_DC\_UP,GSE12392\_CD8A\_POS\_VS\_NEG\_SPLEEN\_DC\_UP,GSE13484\_UNSTIM\_VS\_3H\_YF17D\_VACCINE\_STIM\_PBMC\_DN,GSE13484\_UNSTIM\_VS\_3H\_YF17D\_VACCINE\_STIM\_PBMC\_DN,GSE27859\_DC\_VS\_CD11C\_INT\_F480\_INT\_DC\_UP,GSE27859\_DC\_VS\_CD11C\_INT\_F480\_INT\_DC\_UP,GSE17301\_CTRL\_VS\_48H\_ACD3\_ACD28\_STIM\_CD8\_TCELL\_UP,GSE17301\_CTRL\_VS\_48H\_ACD3\_ACD28\_STIM\_CD8\_TCELL\_UP,GSE17721\_0.5H\_VS\_12H\_LPS\_BMDC\_DN,GSE17721\_0.5H\_VS\_12H\_LPS\_BMDC\_DN,GSE2770\_TGFB\_AND\_IL4\_VS\_IL4.TREATED\_ACT\_CD4.TCELL\_2H\_DN,GSE2770\_TGFB\_AND\_IL4\_VS\_IL4.TREATED\_ACT\_CD4.TCELL\_2H\_DN,GSE360\_HIGH\_VS\_LOW\_DOSE\_B\_MALAYI\_DC\_UP,GSE360\_HIGH\_VS\_LOW\_DOSE\_B\_MALAYI\_DC\_UP,GSE2770\_TGFB\_AND\_IL4\_ACT\_VS\_ACT\_CD4.TCELL\_48H\_UP,GSE2770\_TGFB\_AND\_IL4\_ACT\_VS\_ACT\_CD4.TCELL\_48H\_UP,GSE17721.LPS.VS.CPG.6H.BMDC\_UP,GSE17721.LPS.VS.CPG.6H.BMDC\_UP,GSE13484\_UNSTIM\_VS\_12H\_YF17D\_VACCINE\_STIM\_PBMC\_DN,GSE13484\_UNSTIM\_VS\_12H\_YF17D\_VACCINE\_STIM\_PBMC\_DN,GSE23502.WT.VS.HDC\_KO\_MYELOID\_DERIVED\_SUPPRESSOR\_CELL\_BM\_DN,GSE23502.WT.VS.HDC\_KO\_MYELOID\_DERIVED\_SUPPRESSOR\_CELL\_BM\_DN,GSE19401\_UNSTIM\_VS\_PAM2CSK4\_STIM\_FOLLICULAR\_DC\_UP,GSE19401\_UNSTIM\_VS\_PAM2CSK4\_STIM\_FOLLICULAR\_DC\_UP,GSE40274.EOS.VS.FOXP3\_AND\_EOS\_TRANSDUCED\_ACTIVATED\_CD4.TCELL\_UP,GSE40274.EOS.VS.FOXP3\_AND\_EOS\_TRANSDUCED\_ACTIVATED\_CD4.TCELL\_UP,GSE10856\_CTRL\_VS\_TNFRSF6B\_IN\_MACROPHAGE\_DN,GSE10856\_CTRL\_VS\_TNFRSF6B\_IN\_MACROPHAGE\_DN,GSE17721\_0.5H\_VS\_4H\_PAM3CSK4\_BMDC\_DN,GSE17721\_0.5H\_VS\_4H\_PAM3CSK4\_BMDC\_DN,GSE37416\_12H\_VS\_48H\_F\_TULARENSIS.LVS.NEUTROPHIL\_DN,GSE37416\_12H\_VS\_48H\_F\_TULARENSIS.LVS.NEUTROPHIL\_DN,GSE12198\_CTRL\_VS\_LOW\_IL2\_STIM\_NK\_CELL\_UP,GSE12198\_CTRL\_VS\_LOW\_IL2\_STIM\_NK\_CELL\_UP,GSE12845\_IJD\_NEG\_BLOOD\_VS.NAIVE\_TONSIL\_BCELL\_DN,GSE12845\_IJD\_NEG\_BLOOD\_VS.NAIVE\_TONSIL\_BCELL\_DN,GSE37301.GRANULOCYTE.MONOCYTE\_PROGENITOR\_VS\_RAG2\_KO\_NK\_CELL\_DN,GSE37301.GRANULOCYTE.MONOCYTE\_PROGENITOR\_VS\_RAG2\_KO\_NK\_CELL\_DN,GSE15324.ELF4\_KO\_VS.WT.NAIVE\_CD8.TCELL\_DN,GSE15324.ELF4\_KO\_VS.WT.NAIVE\_CD8.TCELL\_DN,GSE2585.CTEC\_VS.MTEC\_THYMUS\_DN,GSE2585.CTEC\_VS.MTEC\_THYMUS\_DN,GSE46143\_CTRL\_VS\_LMP2A\_TRANSDUCED\_CD10\_POS\_GC\_BCELL\_DN,GSE46143\_CTRL\_VS\_LMP2A\_TRANSDUCED\_CD10\_POS\_GC\_BCELL\_DN,GSE24142\_DN2\_VS\_DN3\_THYMOCYTE\_UP,GSE24142\_DN2\_VS\_DN3\_THYMOCYTE\_UP,GSE9988.ANTI\_TREM1\_AND\_LPS\_VS\_CTRL\_TREATED\_MONOCYTES\_UP,GSE9988.ANTI\_TREM1\_AND\_LPS\_VS\_CTRL\_TREATED\_MONOCYTES\_UP,GSE360\_T.GONDII.VS.B.MALAYI\_LOW\_DOSE\_DC\_DN,GSE360\_T.GONDII.VS.B.MALAYI\_LOW\_DOSE\_DC\_DN,GSE11864.CSF1\_IFNG\_VS.CSF1\_IFNG\_PAM3CYS\_IN\_MAC\_DN,GSE11864.CSF1\_IFNG\_VS.CSF1\_IFNG\_PAM3CYS\_IN\_MAC\_DN,GSE22611\_NOD2\_TRANS\_VS\_CTRL\_TRANSD.HEK293\_MDP\_STIM\_6H\_UP,GSE22611\_NOD2\_TRANS\_VS\_CTRL\_TRANSD.HEK293\_MDP\_STIM\_6H\_UP,GSE28737\_WT\_VS.BCL6\_KO\_FOLLICULAR\_BCELL\_UP,GSE28737\_WT\_VS.BCL6\_KO\_FOLLICULAR\_BCELL\_UP,GSE9960.GRAM\_NEG.VS.GRAM\_POS\_SEPSIS\_PBMC\_UP,GSE9960.GRAM\_NEG.VS.GRAM\_POS\_SEPSIS\_PBMC\_UP,GSE22611\_NOD2\_VS.MUTANT\_NOD2\_TRANSDUCED.HEK293T\_CELL\_DN,GSE22611\_NOD2\_VS.MUTANT\_NOD2\_TRANSDUCED.HEK293T\_CELL\_DN,GSE17721.LPS.VS.GARDIQUIMOD\_4H\_BMDC\_UP,GSE17721.LPS.VS.GARDIQUIMOD\_4H\_BMDC\_UP,GSE20715\_0H\_VS\_48H\_OZONE\_TLR4\_KO\_LUNG\_UP,GSE20715\_0H\_VS\_48H\_OZONE\_TLR4\_KO\_LUNG\_UP,GSE11961.MARGINAL\_ZONE\_BCELL\_VS.GERMINAL\_CENTER\_BCELL\_DAY40\_UP,GSE11961.MARGINAL\_ZONE\_BCELL\_VS.GERMINAL\_CENTER\_BCELL\_DAY40\_UP,GSE20366.EX\_VIVO\_VS.DEC205.CONVERSION.NAIVE\_CD4.TCELL\_UP,GSE20366.EX\_VIVO\_VS.DEC205.CONVERSION.NAIVE\_CD4.TCELL\_UP,GSE35825.IFNA\_VS.IFNG\_STIM\_MACROPHAGE\_UP,GSE35825.IFNA\_VS.IFNG\_STIM\_MACROPHAGE\_UP,GSE17721.POLYIC\_VS.GARDIQUIMOD\_4H\_BMDC\_DN,GSE17721.POLYIC\_VS.GARDIQUIMOD\_4H\_BMDC\_DN,GSE1791\_CTRL\_VS.NEUROMEDINU\_IN\_T\_CELL\_LINE\_6H\_UP,GSE1791\_CTRL\_VS.NEUROMEDINU\_IN\_T\_CELL\_LINE\_6H\_UP,GSE46606.DAY1\_VS.DAY3.CD40L\_IL2\_IL5\_STIMULATED\_IRF4MID\_BCELL\_UP,GSE46606.DAY1\_VS.DAY3.CD40L\_IL2\_IL5\_STIMULATED\_IRF4MID\_BCELL\_UP,GSE3982\_DC.VS.BASOPHIL\_UP,GSE3982\_DC.VS.BASOPHIL\_UP,GSE17721\_CTRL\_VS\_LPS\_12H\_BMDC\_DN,GSE17721\_CTRL\_VS\_LPS\_12H\_BMDC\_DN,GSE40274\_FOXP3\_VS\_FOXP3\_AND\_PBX1\_TRANSDUCED\_ACTIVATED\_CD4.TCELL\_DN,GSE40274\_FOXP3\_VS\_FOXP3\_AND\_PBX1\_TRANSDUCED\_ACTIVATED\_CD4.TCELL\_DN,GSE17721\_12H\_VS\_24H\_GARDIQUIMOD\_BMDC\_UP,GSE17721\_12H\_VS\_24H\_GARDIQUIMOD\_BMDC\_UP,GSE3982.EOSINOPHIL\_VS\_MAC\_UP,GSE3982.EOSINOPHIL\_VS\_MAC\_UP,GSE37534.UNTREATED\_VS.ROSIGLITAZONE.TREATED\_CD4.TCELL\_PPARG1\_AND\_FOXP3 TRASDUCED\_UP,GSE37534.UNTREATED\_VS.ROSIGLITAZONE.TREATED\_CD4.TCELL\_PPARG1\_AND\_FOXP3 TRASDUCED\_UP,GSE16266\_CTRL\_VS\_LPS\_STIM\_MEF\_DN,GSE16266\_CTRL\_VS\_LPS\_STIM\_MEF\_DN,GSE22611\_NOD2\_VS.MUTANT\_NOD2\_TRANSDUCED.HEK293T\_CELL\_UP,GSE22611\_NOD2\_VS.MUTANT\_NOD2\_TRANSDUCED.HEK293T\_CELL\_UP,GSE28737\_BCL6\_HET.VS.BCL6\_KO\_MARGINAL\_ZONE\_BCELL\_UP,GSE28737\_BCL6\_HET.VS.BCL6\_KO\_MARGINAL\_ZONE\_BCELL\_UP,GSE24972.MARGINAL\_ZONE\_BCELL\_VS.FOLLICULAR\_BCELL\_IRF8\_KO\_UP,GSE24972.MARGINAL\_ZONE\_BCELL\_VS.FOLLICULAR\_BCELL\_IRF8\_KO\_UP,GSE21063\_CTRL\_VS.ANTI\_IJM\_STIM\_BCELL\_NFATC1\_KO\_3H\_UP,GSE21063\_CTRL\_VS.ANTI\_IJM\_STIM\_BCELL\_NFATC1\_KO\_3H\_UP,GSE17721.POLYIC\_VS.CPG\_12H\_BMDC\_UP,GSE17721.POLYIC\_VS.CPG\_12H\_BMDC\_UP,GSE46242\_TH1\_VS.ANERGIC\_TH1\_CD4.TCELL\_WITH\_EGR2.DELETED\_UP,GSE46242\_TH1\_VS.ANERGIC\_TH1\_CD4.TCELL\_WITH\_EGR2.DELETED\_UP,GSE18281.PERIMEDULLARY\_CORTICAL\_REGION\_VS.WHOLE\_CORTX\_THYMUS\_UP,GSE18281.PERIMEDULLARY\_CORTICAL\_REGION\_VS.WHOLE\_CORTX\_THYMUS\_UP,GSE22611\_NOD2\_VS\_CTRL\_TRANSDUCED.HEK293T\_CELL\_DN,GSE22611\_NOD2\_VS\_CTRL\_TRANSDUCED.HEK293T\_CELL\_DN,GSE12198\_NK\_VS\_NK\_ACT\_EXPANSION\_SYSTEM\_DERIVED\_NK\_CELL\_UP,GSE12198\_NK\_VS\_NK\_ACT\_EXPANSION\_SYSTEM\_DERIVED\_NK\_CELL\_UP,GSE22935.UNSTIM\_VS\_24H\_MBOVIS\_BCG\_STIM\_MACROPHAGE\_DN,GSE22935.UNSTIM\_VS\_24H\_MBOVIS\_BCG\_STIM\_MACROPHAGE\_DN,GSE17721\_CTRL\_VS.POLYIC\_8H\_BMDC\_DN,GSE17721\_CTRL\_VS.POLYIC\_8H\_BMDC\_DN,GSE17186.NAIVE\_VS.CD21HIGH\_TRANSITIONAL\_BCELL\_UP,GSE17186.NAIVE\_VS.CD21HIGH\_TRANSITIONAL\_BCELL\_UP,GSE17721\_CTRL\_VS.POLYIC\_12H\_BMDC\_DN,GSE17721\_CTRL\_VS.POLYIC\_12H\_BMDC\_DN,GSE1791\_CTRL\_VS.NEUROMEDINU\_IN\_T\_CELL\_LINE\_0.8H\_DN,GSE1791\_CTRL\_VS.NEUROMEDINU\_IN\_T\_CELL\_LINE\_0.8H\_DN,GSE17721\_ALL\_VS\_24H\_PAM3CSK4\_BMDC\_UP,GSE17721\_ALL\_VS\_24H\_PAM3CSK4\_BMDC\_UP,GSE28783\_CTRL.ANTI\_MIR\_VS.UNTREATED.ATHEROSCLEROSIS\_MACROPHAGE\_DN,GSE28783\_CTRL.ANTI\_MIR\_VS.UNTREATED.ATHEROSCLEROSIS\_MACROPHAGE\_DN,GSE40441.NRP1\_POS\_INDUCED\_TREG\_VS.NRP1\_NEG\_NATURAL\_TREG\_UP,GSE40441.NRP1\_POS\_INDUCED\_TREG\_VS.NRP1\_NEG\_NATURAL\_TREG\_UP,GSE3982.EOSINOPHIL\_VS.NKCELL\_UP,GSE3982.EOSINOPHIL\_VS.NKCELL\_UP,GSE17721\_0.5H\_VS\_8H\_LPS\_BMDC\_DN,GSE17721\_0.5H\_VS\_8H\_LPS\_BMDC\_DN,GSE17721\_CTRL\_VS.CPG\_1H\_BMDC\_DN,GSE17721\_CTRL\_VS.CPG\_1H\_BMDC\_DN,GSE17721\_CTRL\_VS.CPG\_6H\_BMDC\_DN,GSE17721\_CTRL\_VS.CPG\_6H\_BMDC\_DN,GSE16450\_CTRL\_VS\_IFNA\_6H\_STIM\_IMMATURE\_NEURON\_CELL\_LINE\_UP,GSE16450\_CTRL\_VS\_IFNA\_6H\_STIM\_IMMATURE\_NEURON\_CELL\_LINE\_UP,GSE22045.TREG.VS.TCONV.DN,GSE22045.TREG.VS.TCONV.DN,GSE17721.PAM3CSK4\_VS.GADIQUIMOD\_4H\_BMDC\_UP,GSE17721.PAM3CSK4\_VS.GADIQUIMOD\_4H\_BMDC\_UP,GSE22025.PROGESTERONE\_VS.TGFB1\_AND\_PROGESTERONE.TREATED\_CD4.TCELL\_DN,GSE22025.PROGESTERONE\_VS.TGFB1\_AND\_PROGESTERONE.TREATED\_CD4.TCELL\_DN,GSE29618.PRE.VS.DAY7\_FLU\_VACCINE\_MDC\_UP,GSE29618.PRE.VS.DAY7\_FLU\_VACCINE\_MDC\_UP,GSE17721\_CTRL\_VS.POLYIC\_0.5H\_BMDC\_UP,GSE17721\_CTRL\_VS.POLYIC\_0.5H\_BMDC\_UP,GSE11961.MEMORY\_BCELL\_DAY40\_VS.GERMINAL\_CENTER\_BCELL\_DAY40\_UP,GSE11961.MEMORY\_BCELL\_DAY40\_VS.GERMINAL\_CENTER\_BCELL\_DAY40\_UP,GSE37301.HEMATOPOIETIC\_STEM\_CELL\_VS.COMMON\_LYMPHOID\_PROGENITOR\_DN,GSE37301.HEMATOPOIETIC\_STEM\_CELL\_VS.COMMON\_LYMPHOID\_PROGENITOR\_DN,GSE8685\_IL2\_ACT\_IL2\_STARVED\_VS\_IL21\_ACT\_IL2\_STARVED\_CD4.TCELL\_DN,GSE8685\_IL2\_ACT\_IL2\_STARVED\_VS\_IL21\_ACT\_IL2\_STARVED\_CD4.TCELL\_DN,GSE37301\_PRO\_BCELL\_VS\_CD4.TCELL\_UP,GSE37301\_PRO\_BCELL\_VS\_CD4.TCELL\_UP,GSE17721.LPS.VS.GARDIQUIMOD\_16H\_BMDC\_UP,GSE17721.LPS.VS.GARDIQUIMOD\_16H\_BMDC\_UP,GSE12392\_WT\_VS.IFNB\_KO\_CD8A\_POS\_SPLEEN\_DC\_DN,GSE12392\_WT\_VS.IFNB\_KO\_CD8A\_POS\_SPLEEN\_DC\_DN,GSE27786\_CD8\_TCELL\_VS.MONO\_MAC\_DN,GSE27786\_CD8\_TCELL\_VS.MONO\_MAC\_DN,GSE10211\_UV\_INACT\_SENDAI\_VS.LIVE\_SENDAI\_VIRUS\_TRACHEAL\_EPITHELIAL\_CELLS\_UP,GSE10211\_UV\_INACT\_SENDAI\_VS.LIVE\_SENDAI\_VIRUS\_TRACHEAL\_EPITHELIAL\_CELLS\_UP,GSE42021\_TREG\_PLN\_VS.TREG\_PRECURSORS\_THYMUS\_UP,GSE42021\_TREG\_PLN\_VS.TREG\_PRECURSORS\_THYMUS\_UP,GSE25123\_WT\_VS\_PPARG\_KO\_MACROPHAGE\_IL4\_AND\_ROSIGLITAZONE\_STIM\_UP,GSE25123\_WT\_VS\_PPARG\_KO\_MACROPHAGE\_IL4\_AND\_ROSIGLITAZONE\_STIM\_UP,GSE36527\_CD62L\_HIGH\_VS\_CD62L\_LOW\_TREG\_CD69\_NEG\_KLRG1\_NEG\_DN,GSE36527\_CD62L\_HIGH\_VS\_CD62L\_LOW\_TREG\_CD69\_NEG\_KLRG1\_NEG\_DN,GSE22886.NAIVE\_CD8\_TCELL\_VS.NKCELL\_UP,GSE22886.NAIVE\_CD8\_TCELL\_VS.NKCELL\_UP,GSE22501\_PERIPHERAL\_BLOOD\_VS.CORD\_BLOOD\_TREG\_DN,GSE22501\_PERIPHERAL\_BLOOD\_VS.CORD\_BLOOD\_TREG\_DN,GSE21927\_SPLEEN\_VS.TUMOR\_MONOCYTE\_BALBC\_UP,GSE21927\_SPLEEN\_VS.TUMOR\_MONOCYTE\_BALBC\_UP,GSE7460.TREG.VS.TCONV\_ACT\_DN,GSE7460.TREG.VS.TCONV\_ACT\_DN,GSE17721.CPG.VS.GARDIQUIMOD\_0.5H\_BMDC\_UP,GSE17721.CPG.VS.GARDIQUIMOD\_0.5H\_BMDC\_UP,GSE12507\_PDC\_CELL\_LINE\_VS.IMMATUE\_T\_CELL\_LINE\_DN,GSE12507\_PDC\_CELL\_LINE\_VS.IMMATUE\_T\_CELL\_LINE\_DN,GSE2405.HEAT\_KILLED\_VS.LIVE\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_9H\_DN,GSE2405.HEAT\_KILLED\_VS.LIVE\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_9H\_DN,GSE23505.UNTREATED\_VS\_4DAY\_IL6\_IL1.TREATED\_CD4.TCELL\_DN,GSE23505.UNTREATED\_VS\_4DAY\_IL6\_IL1.TREATED\_CD4.TCELL\_DN,GSE360\_DC.VS.MAC\_L\_MAJOR\_DN,GSE360\_DC.VS.MAC\_L\_MAJOR\_DN,GSE43863.TFH.VS.Ly6C\_INT\_CXCR5POS\_MEMORY\_CD4.TCELL\_DN,GSE43863.TFH.VS.Ly6C\_INT\_CXCR5POS\_MEMORY\_CD4.TCELL\_DN,GSE45365\_CD8A\_DC.VS.CD11B\_DC.IFNAR\_KO\_MCMV\_INFECTION\_UP,GSE45365\_CD8A\_DC.VS.CD11B\_DC.IFNAR\_KO\_MCMV\_INFECTION\_UP,GSE37534.GW1929\_VS.PI0GLITAZONE.TREATED\_CD4.TCELL\_PPARG1\_FOXP3\_TRANSDUCED\_UP,GSE37534.GW1929\_VS.PI0GLITAZONE.TREATED\_CD4.TCELL\_PPARG1\_FOXP3\_TRANSDUCED\_UP,GSE12003\_4D\_VS\_8D\_CULTURE\_MIR223\_KO\_BM\_PROGENITOR\_DN,GSE12003\_4D\_VS\_8D\_CULTURE\_MIR223\_KO\_BM\_PROGENITOR\_DN,GSE37416.CTRL.VS.48H.F.TULARENSIS.LVS.NEUTROPHIL\_UP,GSE37416.CTRL.VS.48H.F.TULARENSIS.LVS.NEUTROPHIL\_UP,GSE26488\_HDAC7\_KO\_VS.VP16\_TRANSGENIC\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCTE\_DN,GSE26488\_HDAC7\_KO\_VS.VP16\_TRANSGENIC\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCTE\_DN,GSE22886.NAIVE\_CD4.TCELL\_VS.MEMORY.TCELL\_UP,GSE22886.NAIVE\_CD4.TCELL\_VS.MEMORY.TCELL\_UP,GSE15930\_STIM\_VS\_STIM\_AND\_IFNAB\_24H\_CD8\_T\_CELL\_DN,GSE15930\_STIM\_VS\_STIM\_AND\_IFNAB\_24H\_CD8\_T\_CELL\_DN,GSE17721\_CTRL\_VS.PAM3CSK4\_8H\_BMDC\_DN,GSE17721\_CTRL\_VS.PAM3CSK4\_8H\_BMDC\_DN,GSE40274.SATB1\_VS.FOXP3\_AND\_SATB1\_TRANSDUCED\_ACTIVATED\_CD4.TCELL\_DN,GSE40274.SATB1\_VS.FOXP3\_AND\_SATB1\_TRANSDUCED\_ACTIVATED\_CD4.TCELL\_DN,GSE7548.NAIVE\_VS.DAY28\_PCC\_IMMUNIZATION\_CD4.TCELL\_UP,GSE7548.NAIVE\_VS.DAY28\_PCC\_IMMUNIZATION\_CD4.TCELL\_UP,GSE43955\_10H\_VS\_30H\_ACT\_CD4.TCELL\_WITH\_TGFB\_IL6\_UP,GSE43955\_10H\_VS\_30H\_ACT\_CD4.TCELL\_WITH\_TGFB\_IL6\_UP,GSE11961\_GERMINAL\_CENTER\_BCELL\_DAY7\_VS.MEMORY\_BCELL\_DAY40\_UP,GSE11961\_GERMINAL\_CENTER\_BCELL\_DAY7\_VS.MEMORY\_BCELL\_DAY40\_UP,GSE9946\_LISTERIA\_INF\_MATURE\_VS.PROSTAGLANDINE2.TREATED.MATURE\_DC\_UP,GSE9946\_LISTERIA\_INF\_MATURE\_VS.PROSTAGLANDINE2.TREATED.MATURE\_DC\_UP,GSE37301.HEMATOPOIETIC\_STEM\_CELL\_VS.LYMPHOID\_PRIMED\_MPP\_DN,GSE37301.HEMATOPOIETIC\_STEM\_CELL\_VS.LYMPHOID\_PRIMED\_MPP\_DN,GSE8921\_3H\_VS\_24H\_ILR1\_2\_STIM\_MONOCYTE\_DN,GSE8921\_3H\_VS\_24H\_ILR1\_2\_STIM\_MONOCYTE\_DN,GSE37563\_WT\_VS.CTLA4\_KO\_CD4.TCELL\_D4\_POST\_IMMUNIZATION\_UP,GSE37563\_WT\_VS.CTLA4\_KO\_CD4.TCELL\_D4\_POST\_IMMUNIZATION\_UP,GSE31622\_WT\_VS.KLF3\_KO\_BCELL\_UP,GSE31622\_WT\_VS.KLF3\_KO\_BCELL\_UP,GSE22611\_UNSTIM\_VS\_6H\_MDP\_STIM\_NOD2\_TRANSDUCED.HEK293T\_CELL\_UP,GSE22611\_UNSTIM\_VS\_6H\_MDP\_STIM\_NOD2\_TRANSDUCED.HEK293T\_CELL\_UP,GSE9006\_1MONTH\_VS\_4MONTH\_POST\_TYPE\_1\_DIABETES\_DX\_PBMC\_UP,GSE9006\_1MONTH\_VS\_4MONTH\_POST\_TYPE\_1\_DIABETES\_DX\_PBMC\_UP,GSE29615\_DAY3\_VS\_DAY7\_LAIV\_FLU\_VACCINE\_PBMC\_UP,GSE29615\_DAY3\_VS\_DAY7\_LAIV\_FLU\_VACCINE\_PBMC\_UP,GSE35685\_CD34POS\_CD38NEG\_VS\_CD34POS\_CD10NEG\_CD62LP0S\_BONE\_MARROW\_DN,GSE35685\_CD34POS\_CD38NEG\_VS\_CD34POS\_CD10NEG\_CD62LP0S\_BONE\_MARROW\_DN,GSE339\_EX\_VIVO\_VS\_IN\_CULTURE\_CD8POS\_DC\_DN,GSE339\_EX\_VIVO\_VS\_IN\_CULTURE\_CD8POS\_DC\_DN,GSE43955\_1H\_VS\_60H\_ACT\_CD4.TCELL\_WITH\_TGFB\_IL6\_DN,GSE43955\_1H\_VS\_60H\_ACT\_CD4.TCELL\_WITH\_TGFB\_IL6\_DN,GSE17721.LPS.VS.GARDIQUIMOD\_1H\_BMDC\_UP,GSE17721.LPS.VS.GARDIQUIMOD\_1H\_BMDC\_UP,GSE25890\_CTRL\_VS\_IL33\_IL7\_TREATED\_NUOCYTES\_UP,GSE25890\_CTRL\_VS\_IL33\_IL7\_TREATED\_NUOCYTES\_UP,GSE3982\_MAC\_VS.EFF\_MEMORY\_CD4.TCELL\_DN,GSE3982\_MAC\_VS.EFF\_MEMORY\_CD4.TCELL\_DN,GSE369\_PRE\_VS.POST\_IL6\_INJECTION\_IFNG\_KO\_LIVER\_DN,GSE369\_PRE\_VS.POST\_IL6\_INJECTION\_IFNG\_KO\_LIVER\_DN,GSE18804\_SPLEEN\_MACROPHAGE\_VS.COLON\_TUMORAL\_MACROPHAGE\_DN,GSE18804\_SPLEEN\_MACROPHAGE\_VS.COLON\_TUMORAL\_MACROPHAGE\_DN,GSE25088\_CTRL\_VS\_IL4\_STIM\_STAT6\_KO\_MACROPHAGE\_DN,GSE25088\_CTRL\_VS\_IL4\_STIM\_STAT6\_KO\_MACROPHAGE\_DN,GSE29618\_PRE\_VS.DAY7\_POST\_TIV\_FLU\_VACCINE\_MONOCYTE\_UP,GSE29618\_PRE\_VS.DAY7\_POST\_TIV\_FLU\_VACCINE\_MONOCYTE\_UP,GSE45365\_WT\_VS.IFNAR\_KO\_CD8A\_DC\_MCMV\_INFECTION\_DN,GSE45365\_WT\_VS.IFNAR\_KO\_CD8A\_DC\_MCMV\_INFECTION\_DN,GSE43955\_1H\_VS\_60H\_ACT\_CD4.TCELL\_DN,GSE43955\_1H\_VS\_60H\_ACT\_CD4.TCELL\_DN,GSE43955\_TH0\_VS.TGFB\_IL6\_THI17\_ACT\_CD4.TCELL\_30H\_UP,GSE43955\_TH0\_VS.TGFB\_IL6\_THI17\_ACT\_CD4.TCELL\_30H\_UP,GSE22886\_TH1\_VS\_TH2\_12H\_ACT\_UP,GSE22886\_TH1\_VS\_TH2\_12H\_ACT\_UP,GSE13485\_DAY3\_VS.DAY7\_YF17D\_VACCINE\_PBMC\_UP,GSE13485\_DAY3\_VS.DAY7\_YF17D\_VACCINE\_PBMC\_UP,GSE22935\_UNSTIM\_VS\_48H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_DN,GSE22935\_UNSTIM\_VS\_48H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_DN,GSE22611\_UNSTIM\_VS\_6H\_MDP\_STIM\_MUTANT\_NOD2\_TRANSDUCED.HEK293T\_CELL\_DN,GSE22611\_UNSTIM\_VS\_6H\_MDP\_STIM\_MUTANT\_NOD2\_TRANSDUCED.HEK293T\_CELL\_DN,GSE3982\_DC.VS.MAC\_DN,GSE3982\_DC.VS.MAC\_DN,GSE22886\_JGM\_MEMORY\_BCELL\_VS.BLOOD\_PLASMA\_CELL\_UP,GSE22886\_JGM\_MEMORY\_BCELL\_VS.BLOOD\_PLASMA\_CELL\_UP,GSE11961.MARGINAL\_ZONE\_BCELL\_VS.MEMORY\_BCELL\_DAY7\_UP,GSE11961.MARGINAL\_ZONE\_BCELL\_VS.MEMORY\_BCELL\_DAY7\_UP,GSE1740\_UNSTIM\_VS.IFNA\_STIMULATED\_MCSF\_DERIVED\_MACROPHAGE\_DN,GSE1740\_UNSTIM\_VS.IFNA\_STIMULATED\_MCSF\_DERIVED\_MACROPHAGE\_DN,GSE21546\_WT\_VS.SAPIA\_KO\_AND\_ELK1\_KO.ANTI\_CD3\_STIM\_DP\_THYMOCTES\_DN,GSE21546\_WT\_VS.SAPIA\_KO\_AND\_ELK1\_KO.ANTI\_CD3\_STIM\_DP\_THYMOCTES\_DN,GSE17721\_CTRL\_VS.PAM3CSK4\_6H\_BMDC\_DN,GSE17721\_CTRL\_VS.PAM3CSK4\_6H\_BMDC\_DN,GSE17721\_PAM3CSK4\_VS.CPG\_4H\_BMDC\_DN,GSE17721\_PAM3CSK4\_VS.CPG\_4H\_BMDC\_DN,GSE24574\_BCL6\_LOW\_THF\_VS.TCONV\_CD4.TCELL\_UP,GSE24574\_BCL6\_LOW\_THF\_VS.TCONV\_CD4.TCELL\_UP,GSE18791\_CTRL\_VS.NEWCASTLE\_VIRUS\_DC\_14H\_DN,GSE18791\_CTRL\_VS.NEWCASTLE\_VIRUS\_DC\_14H\_DN,GSE36476\_YOUNG\_VS.OLD\_DONOR\_MEMORY\_CD4.TCELL\_72H\_TSST\_ACT\_UP,GSE36476\_YOUNG\_VS.OLD\_DONOR\_MEMORY\_CD4.TCELL\_72H\_TSST\_ACT\_UP,GSE13946\_CTRL\_VS.DSS\_COLITIS\_CD\_TCELL\_FROM\_COLON\_DN,GSE13946\_CTRL\_VS.DSS\_COLITIS\_CD\_TCELL\_FROM\_COLON\_DN,GSE28130\_ACTIVATED\_VS.INDUCED\_TREG\_UP,GSE28130\_ACTIVATED\_VS.INDUCED\_TREG\_UP,GSE22935\_24H\_VS\_48H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_DN,GSE22935\_24H\_VS\_48H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_DN,GSE9006\_1MONTH\_VS\_4MONTH\_POST\_TYPE\_1\_DIABETES\_DX\_PBMC\_DN,GSE9006\_1MONTH\_VS\_4MONTH\_POST\_TYPE\_1\_DIABETES\_DX\_PBMC\_DN,GSE17721.CPG.VS.GARDIQUIMOD\_6H\_BMDC\_UP,GSE17721.CPG.VS.GARDIQUIMOD\_6H\_BMDC\_UP,GSE11961\_GERMINAL\_CENTER\_BCELL\_DAY7\_VS.PLASMA\_CELL\_DAY7\_UP,GSE11961\_GERMINAL\_CENTER\_BCELL\_DAY7\_VS.PLASMA\_CELL\_DAY7\_UP,GSE5099\_CLASSICAL\_M1\_VS.ALTERNATIVE\_M2\_MACROPHAGE\_DN,GSE5099\_CLASSICAL\_M1\_VS.ALTERNATIVE\_M2\_MACROPHAGE\_DN,GSE369\_PRE\_VS.POST\_IL6\_INJECTION\_IFNG\_WT\_LIVER\_UP,GSE369\_PRE\_VS.POST\_IL6\_INJECTION\_IFNG\_WT\_LIVER\_UP,GSE10422\_WT\_VS.BAFF\_TRANSGENIC\_LN\_BCELL\_DN,GSE10422\_WT\_VS.BAFF\_TRANSGENIC\_LN\_BCELL\_DN,GSE17721.LPS.VS.CPG\_24H\_BMDC\_UP,GSE17721.LPS.VS.CPG\_24H\_BMDC\_UP,GSE17721\_CTRL\_VS\_LPS\_6H\_BMDC\_DN,GSE17721\_CTRL\_VS\_LPS\_6H\_BMDC\_DN,GSE17721\_PAM3CSK4\_VS.CPG\_2H\_BMDC\_UP,GSE17721\_PAM3CSK4\_VS.CPG\_2H\_BMDC\_UP,GSE26928\_EFF\_MEM\_VS.CENTR\_MEM\_CD4.TCELL\_UP,GSE26928\_EFF\_MEM\_VS.CENTR\_MEM\_CD4.TCELL\_UP,GSE9960\_GRAM\_POS\_VS\_GRAM\_NEG\_AND\_POS\_SEPSIS\_PBMC\_DN,GSE9960\_GRAM\_POS\_VS\_GRAM\_NEG\_AND\_POS\_SEPSIS\_PBMC\_DN,GSE17721.POLYIC\_VS.GARDIQUIMOD\_12H\_BMDC\_UP,GSE17721.POLYIC\_VS.GARDIQUIMOD\_12H\_BMDC\_UP,GSE25088\_CTRL\_VS\_IL4\_STIM\_STAT6\_KO\_MACROPHAGE\_UP,GSE25088\_CTRL\_VS\_IL4\_STIM\_STAT6\_KO\_MACROPHAGE\_UP,GSE27786\_NKCELL\_VS.NEUTROPHIL\_DN,GSE27786\_NKCELL\_VS.NEUTROPHIL\_DN,GSE4590\_SMALL\_VS.VPREB\_POS\_LARGE\_PRE\_BCELL\_DN,GSE4590\_SMALL\_VS.VPREB\_POS\_LARGE\_PRE\_BCELL\_DN,GSE360\_L.DONOVANI.VS.B.MALAYI\_HIGH\_DOSE\_MAC\_UP,GSE360\_L.DONOVANI.VS.B.MALAYI\_HIGH\_DOSE\_MAC\_UP,GSE19374\_UNINF\_VS.LISTERIA\_INFECTED\_MACROPHAGE\_UP,GSE19374\_UNINF\_VS.LISTERIA\_INFECTED\_MACROPHAGE\_UP,GSE26488\_HDAC7\_KO\_VS.VP16\_TRANSGENIC\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCTE\_UP,GSE26488\_HDAC7\_KO\_VS.VP16\_TRANSGENIC\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCTE\_UP