

GSE13484\_UNSTIM\_VS\_YF17D\_VACCINE\_STIM\_PBMC\_UP, GSE13484\_UNSTIM\_VS\_YF17D\_VACCINE\_STIM\_PBMC\_UP  
GSE9988\_LOW\_LPS\_VS\_CTRL\_TREATED\_MONOCYTE\_DN, GSE9988\_LOW\_LPS\_VS\_CTRL\_TREATED\_MONOCYTE\_DN  
GSE9988\_LPS\_VS\_VEHICLE\_TREATED\_MONOCYTE\_DN, GSE9988\_LPS\_VS\_VEHICLE\_TREATED\_MONOCYTE\_DN  
GSE9988\_ANTL\_TREM1\_VS\_CTRL\_TREATED\_MONOCYTES\_DN, GSE9988\_ANTL\_TREM1\_VS\_CTRL\_TREATED\_MONOCYTES\_DN  
GSE9988\_ANTL\_TREM1\_AND\_LPS\_VS\_CTRL\_TREATED\_MONOCYTES\_DN, GSE9988\_ANTL\_TREM1\_AND\_LPS\_VS\_CTRL\_TREATED\_MONOCYTES\_DN  
GSE9988\_LOW\_LPS\_VS\_VEHICLE\_TREATED\_MONOCYTE\_DN, GSE9988\_LOW\_LPS\_VS\_VEHICLE\_TREATED\_MONOCYTE\_DN  
GSE13485\_CTRL\_VS\_DAY21\_YF17D\_VACCINE\_PBMC\_UP, GSE13485\_CTRL\_VS\_DAY21\_YF17D\_VACCINE\_PBMC\_UP  
GSE9988\_ANTL\_TREM1\_VS\_ANTL\_TREM1\_AND\_LPS\_MONOCYTE\_UP, GSE9988\_ANTL\_TREM1\_VS\_ANTL\_TREM1\_AND\_LPS\_MONOCYTE\_UP  
GSE9988\_ANTL\_TREM1\_AND\_LPS\_VS\_VEHICLE\_TREATED\_MONOCYTES\_DN, GSE9988\_ANTL\_TREM1\_AND\_LPS\_VS\_VEHICLE\_TREATED\_MONOCYTES\_DN  
GSE7509\_DC\_VS\_MONOCYTE\_WITH\_FCGRIIB\_STIM\_UP, GSE7509\_DC\_VS\_MONOCYTE\_WITH\_FCGRIIB\_STIM\_UP  
GSE42021\_CD24INT\_TREG\_VS\_CD24INT\_TCONV\_THYMUS\_UP, GSE42021\_CD24INT\_TREG\_VS\_CD24INT\_TCONV\_THYMUS\_UP  
GSE36009\_UNSTIM\_VS\_LPS\_STIM\_DC\_DN, GSE36009\_UNSTIM\_VS\_LPS\_STIM\_DC\_DN  
GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_3DAY\_STIMULATED\_IRF4MID\_SORTED\_BCELL\_UP, GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_3DAY\_STIMULATED\_IRF4MID\_SORTED\_BCELL\_UP  
GSE9988\_ANTL\_TREM1\_VS\_VEHICLE\_TREATED\_MONOCYTES\_DN, GSE9988\_ANTL\_TREM1\_VS\_VEHICLE\_TREATED\_MONOCYTES\_DN  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_14H\_UP, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_14H\_UP  
GSE21927\_C26GM\_VS\_4T1\_TUMOR\_MONOCYTE\_BALBC\_DN, GSE21927\_C26GM\_VS\_4T1\_TUMOR\_MONOCYTE\_BALBC\_DN  
GSE21360\_PRIMARY\_VS\_TERTIARY\_MEMORY\_CD8\_TCELL\_UP, GSE21360\_PRIMARY\_VS\_TERTIARY\_MEMORY\_CD8\_TCELL\_UP  
GSE42021\_TREG\_PLN\_VS\_CD24HL\_TREG\_THYMUS\_DN, GSE42021\_TREG\_PLN\_VS\_CD24HL\_TREG\_THYMUS\_DN  
GSE13484\_3H\_UNSTIM\_VS\_YF17D\_VACCINE\_STIM\_PBMC\_UP, GSE13484\_3H\_UNSTIM\_VS\_YF17D\_VACCINE\_STIM\_PBMC\_UP  
GSE22140\_HEALTHY\_VS\_ARTHRTIC\_GERMFREE\_MOUSE\_CD4\_TCELL\_UP, GSE22140\_HEALTHY\_VS\_ARTHRTIC\_GERMFREE\_MOUSE\_CD4\_TCELL\_UP  
GSE9988\_ANTL\_TREM1\_VS\_LPS\_MONOCYTE\_UP, GSE9988\_ANTL\_TREM1\_VS\_LPS\_MONOCYTE\_UP  
GSE22140\_HEALTHY\_VS\_ARTHRTIC\_MOUSE\_CD4\_TCELL\_DN, GSE22140\_HEALTHY\_VS\_ARTHRTIC\_MOUSE\_CD4\_TCELL\_DN  
GSE37416\_CTRL\_VS\_3H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_UP, GSE37416\_CTRL\_VS\_3H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_UP  
GSE37416\_CTRL\_VS\_12H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_UP, GSE37416\_CTRL\_VS\_12H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_UP  
GSE19401\_NAIVE\_VS\_IMMUNIZED\_MOUSE\_PLN\_FOLLICULAR\_DC\_DN, GSE19401\_NAIVE\_VS\_IMMUNIZED\_MOUSE\_PLN\_FOLLICULAR\_DC\_DN  
GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_SOC33\_KO\_LIVER\_DN, GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_SOC33\_KO\_LIVER\_DN  
GSE16755\_CTRL\_VS\_IFNA\_TREATED\_MAC\_UP, GSE16755\_CTRL\_VS\_IFNA\_TREATED\_MAC\_UP  
GSE17721\_PAM3CSK4\_VS\_CPG\_4H\_BMDC\_UP, GSE17721\_PAM3CSK4\_VS\_CPG\_4H\_BMDC\_UP  
GSE23695\_CD57\_POS\_VS\_NEG\_NK\_CELL\_UP, GSE23695\_CD57\_POS\_VS\_NEG\_NK\_CELL\_UP  
GSE35825\_UNTREATED\_VS\_IFNG\_STIM\_MACROPHAGE\_DN, GSE35825\_UNTREATED\_VS\_IFNG\_STIM\_MACROPHAGE\_DN  
GSE41176\_UNSTIM\_VS\_ANTL\_IGM\_STIM\_BCELL\_3H\_DN, GSE41176\_UNSTIM\_VS\_ANTL\_IGM\_STIM\_BCELL\_3H\_DN  
GSE9988\_ANTL\_TREM1\_VS\_LOW\_LPS\_MONOCYTE\_UP, GSE9988\_ANTL\_TREM1\_VS\_LOW\_LPS\_MONOCYTE\_UP  
GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_UP, GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_UP  
GSE360\_HIGH\_DOSE\_B\_MALAYI\_VS\_M\_TUBERCULOSIS\_DC\_UP, GSE360\_HIGH\_DOSE\_B\_MALAYI\_VS\_M\_TUBERCULOSIS\_DC\_UP  
GSE22589\_HIV\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN, GSE22589\_HIV\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN  
GSE15330\_WT\_VS\_IKAROS\_KO\_HSC\_DN, GSE15330\_WT\_VS\_IKAROS\_KO\_HSC\_DN  
GSE7548\_NAIVE\_VS\_DAY7\_PCC\_IMMUNIZATION\_CD4\_TCELL\_UP, GSE7548\_NAIVE\_VS\_DAY7\_PCC\_IMMUNIZATION\_CD4\_TCELL\_UP  
GSE21927\_SPLENIC\_VS\_TUMOR\_MONOCYTES\_FROM\_C26GM\_TUMOROUS\_MICE\_BALBC\_DN, GSE21927\_SPLENIC\_VS\_TUMOR\_MONOCYTES\_FROM\_C26GM\_TUMOROUS\_MICE\_BALBC\_DN  
GSE360\_CTRL\_VS\_L\_DONOVANI\_MAC\_UP, GSE360\_CTRL\_VS\_L\_DONOVANI\_MAC\_UP  
GSE6092\_IFNG\_VS\_IFNG\_AND\_B\_BURGDORFERI\_INF\_ENDOTHELIAL\_CELL\_UP, GSE6092\_IFNG\_VS\_IFNG\_AND\_B\_BURGDORFERI\_INF\_ENDOTHELIAL\_CELL\_UP  
GSE17974\_0.5H\_VS\_72H\_IL4\_AND\_ANTL\_IL12\_ACT\_CD4\_TCELL\_UP, GSE17974\_0.5H\_VS\_72H\_IL4\_AND\_ANTL\_IL12\_ACT\_CD4\_TCELL\_UP  
GSE25088\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_STAT6\_KO\_MACROPHAGE\_DAY10\_UP, GSE25088\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_STAT6\_KO\_MACROPHAGE\_DAY10\_UP  
GSE21360\_PRIMARY\_VS\_QUATERNARY\_MEMORY\_CD8\_TCELL\_DN, GSE21360\_PRIMARY\_VS\_QUATERNARY\_MEMORY\_CD8\_TCELL\_DN  
GSE17721\_POLYIC\_VS\_PAM3CSK4\_1H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_PAM3CSK4\_1H\_BMDC\_UP  
GSE19198\_1H\_VS\_24H\_IL21\_TREATED\_TCELL\_UP, GSE19198\_1H\_VS\_24H\_IL21\_TREATED\_TCELL\_UP  
GSE22601\_IMMATURE\_CD4\_SINGLE\_POSITIVE\_VS\_CD8\_SINGLE\_POSITIVE\_THYMOCTYE\_UP, GSE22601\_IMMATURE\_CD4\_SINGLE\_POSITIVE\_VS\_CD8\_SINGLE\_POSITIVE\_THYMOCTYE\_UP  
GSE36392\_TYPE\_2\_MYELOID\_VS\_NEUTROPHIL\_IL25\_TREATED\_LUNG\_DN, GSE36392\_TYPE\_2\_MYELOID\_VS\_NEUTROPHIL\_IL25\_TREATED\_LUNG\_DN  
GSE16266\_CTRL\_VS\_LPS\_STIM\_MEF\_UP, GSE16266\_CTRL\_VS\_LPS\_STIM\_MEF\_UP  
GSE37533\_UNTREATED\_VS\_PIOGLIZATONE\_TREATED\_CD4\_TCELL\_PPARG1\_AND\_FOXP3\_TRANSDUCED\_DN, GSE37533\_UNTREATED\_VS\_PIOGLIZATONE\_TREATED\_CD4\_TCELL\_PPARG1\_AND\_FOXP3\_TRANSDUCED\_DN  
GSE1864\_CSF1\_VS\_CSF1\_PAM3CYS\_IN\_MAC\_UP, GSE1864\_CSF1\_VS\_CSF1\_PAM3CYS\_IN\_MAC\_UP  
GSE45365\_WT\_VS\_IFNAR\_KO\_CD8A\_DC\_UP, GSE45365\_WT\_VS\_IFNAR\_KO\_CD8A\_DC\_UP  
GSE45365\_WT\_VS\_IFNAR\_KO\_CD8A\_DC\_MCMV\_INFECTION\_UP, GSE45365\_WT\_VS\_IFNAR\_KO\_CD8A\_DC\_MCMV\_INFECTION\_UP  
GSE6674\_ANTL\_IGM\_VS\_CPG\_STIM\_BCELL\_UP, GSE6674\_ANTL\_IGM\_VS\_CPG\_STIM\_BCELL\_UP  
GSE43863\_NAIVE\_VS\_MEMORY\_LY6C\_INT\_CXCR5POS\_CD4\_TCELL\_D150\_LCMV\_UP, GSE43863\_NAIVE\_VS\_MEMORY\_LY6C\_INT\_CXCR5POS\_CD4\_TCELL\_D150\_LCMV\_UP  
GSE17301\_IFNA2\_VS\_IFNA5\_STIM\_ACD3\_ACD28\_ACT\_CD8\_TCELL\_UP, GSE17301\_IFNA2\_VS\_IFNA5\_STIM\_ACD3\_ACD28\_ACT\_CD8\_TCELL\_UP  
GSE2706\_UNSTIM\_VS\_2H\_R848\_DC\_UP, GSE2706\_UNSTIM\_VS\_2H\_R848\_DC\_UP  
GSE34392\_ST2\_KO\_VS\_WT\_DAY8\_LCMV\_EFFECTOR\_CD8\_TCELL\_UP, GSE34392\_ST2\_KO\_VS\_WT\_DAY8\_LCMV\_EFFECTOR\_CD8\_TCELL\_UP  
GSE12366\_GC\_VS\_NAIVE\_BCELL\_DN, GSE12366\_GC\_VS\_NAIVE\_BCELL\_DN  
GSE8835\_HEALTHY\_VS\_CLL\_CD8\_TCELL\_UP, GSE8835\_HEALTHY\_VS\_CLL\_CD8\_TCELL\_UP  
GSE27786\_LIN\_NEG\_VS\_BCELL\_DN, GSE27786\_LIN\_NEG\_VS\_BCELL\_DN  
GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL4\_TREATED\_ACT\_CD4\_TCELL\_4H\_UP, GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL4\_TREATED\_ACT\_CD4\_TCELL\_4H\_UP  
GSE2706\_UNSTIM\_VS\_2H\_LPS\_AND\_R848\_DC\_UP, GSE2706\_UNSTIM\_VS\_2H\_LPS\_AND\_R848\_DC\_UP  
GSE8868\_SPLEEN\_VS\_INTESTINE\_CD11B\_POS\_CD11C\_NEG\_DC\_UP, GSE8868\_SPLEEN\_VS\_INTESTINE\_CD11B\_POS\_CD11C\_NEG\_DC\_UP  
GSE15330\_MEGAKARYOCYTE\_ERYTHROID\_PROGENITOR\_VS\_PRO\_BCELL\_UP, GSE15330\_MEGAKARYOCYTE\_ERYTHROID\_PROGENITOR\_VS\_PRO\_BCELL\_UP  
GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTL\_IL12\_1H\_CD4\_TCELL\_DN, GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTL\_IL12\_1H\_CD4\_TCELL\_DN  
GSE36888\_STAT5\_AB\_KNOCKIN\_VS\_WT\_TCELL\_IL2\_TREATED\_17H\_UP, GSE36888\_STAT5\_AB\_KNOCKIN\_VS\_WT\_TCELL\_IL2\_TREATED\_17H\_UP  
GSE8921\_UNSTIM\_0H\_VS\_TLR1\_2\_STIM\_MONOCYTE\_24H\_DN, GSE8921\_UNSTIM\_0H\_VS\_TLR1\_2\_STIM\_MONOCYTE\_24H\_DN  
GSE43863\_TH1\_VS\_TFH\_MEMORY\_CD4\_TCELL\_DN, GSE43863\_TH1\_VS\_TFH\_MEMORY\_CD4\_TCELL\_DN  
GSE40274\_CTRL\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_CTRL\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP  
GSE24142\_EARLY\_THYMIC\_PROGENITOR\_VS\_DN2\_THYMOCTYE\_FETAL\_UP, GSE24142\_EARLY\_THYMIC\_PROGENITOR\_VS\_DN2\_THYMOCTYE\_FETAL\_UP  
GSE7348\_UNSTIM\_VS\_LPS\_STIM\_MACROPHAGE\_UP, GSE7348\_UNSTIM\_VS\_LPS\_STIM\_MACROPHAGE\_UP  
GSE38681\_WT\_VS\_LYL1\_KO\_LYMPHOID\_PRIMED\_MULTIPOTENT\_PROGENITOR\_UP, GSE38681\_WT\_VS\_LYL1\_KO\_LYMPHOID\_PRIMED\_MULTIPOTENT\_PROGENITOR\_UP  
GSE5589\_IL6\_KO\_VS\_IL10\_KO\_LPS\_STIM\_MACROPHAGE\_45MIN\_UP, GSE5589\_IL6\_KO\_VS\_IL10\_KO\_LPS\_STIM\_MACROPHAGE\_45MIN\_UP  
GSE2706\_UNSTIM\_VS\_2H\_LPS\_DC\_UP, GSE2706\_UNSTIM\_VS\_2H\_LPS\_DC\_UP  
GSE22611\_NOD2\_VS\_CTRL\_TRANSDUCED\_HEK293T\_CELL\_UP, GSE22611\_NOD2\_VS\_CTRL\_TRANSDUCED\_HEK293T\_CELL\_UP  
GSE29618\_PRE\_VS\_DAY7\_POST\_LAIV\_FLU\_VACCINE\_BCELL\_UP, GSE29618\_PRE\_VS\_DAY7\_POST\_LAIV\_FLU\_VACCINE\_BCELL\_UP  
GSE25088\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_UP, GSE25088\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_UP  
GSE2770\_UNTREATED\_VS\_IL12\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP, GSE2770\_UNTREATED\_VS\_IL12\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP  
GSE3039\_ALPHABETA\_CD8\_TCELL\_VS\_B2\_BCELL\_UP, GSE3039\_ALPHABETA\_CD8\_TCELL\_VS\_B2\_BCELL\_UP  
GSE35685\_CD34POS\_CD38NEG\_VS\_CD34POS\_CD10POS\_BONE\_MARROW\_UP, GSE35685\_CD34POS\_CD38NEG\_VS\_CD34POS\_CD10POS\_BONE\_MARROW\_UP  
GSE3982\_EOSINOPHIL\_VS\_DC\_UP, GSE3982\_EOSINOPHIL\_VS\_DC\_UP  
GSE14308\_TH2\_VS\_NAIVE\_CD4\_TCELL\_DN, GSE14308\_TH2\_VS\_NAIVE\_CD4\_TCELL\_DN  
GSE26928\_NAIVE\_VS\_EFF\_MEMORY\_CD4\_TCELL\_DN, GSE26928\_NAIVE\_VS\_EFF\_MEMORY\_CD4\_TCELL\_DN  
GSE3039\_CD4\_TCELL\_VS\_ALPHAALPHA\_CD8\_TCELL\_UP, GSE3039\_CD4\_TCELL\_VS\_ALPHAALPHA\_CD8\_TCELL\_UP  
GSE37532\_WT\_VS\_PPARG\_KO\_VISCERAL\_ADIPOSE\_TISSUE\_TCONV\_UP, GSE37532\_WT\_VS\_PPARG\_KO\_VISCERAL\_ADIPOSE\_TISSUE\_TCONV\_UP  
GSE9037\_CTRL\_VS\_LPS\_1H\_STIM\_BMDM\_UP, GSE9037\_CTRL\_VS\_LPS\_1H\_STIM\_BMDM\_UP  
GSE7460\_CD8\_TCELL\_VS\_TREG\_ACT\_UP, GSE7460\_CD8\_TCELL\_VS\_TREG\_ACT\_UP  
GSE5589\_IL6\_KO\_VS\_IL10\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_180MIN\_UP, GSE5589\_IL6\_KO\_VS\_IL10\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_180MIN\_UP  
GSE6259\_BCELL\_VS\_CD8\_TCELL\_DN, GSE6259\_BCELL\_VS\_CD8\_TCELL\_DN  
GSE20500\_CTRL\_VS\_RARA\_ANTAGONIST\_TREATED\_CD4\_TCELL\_UP, GSE20500\_CTRL\_VS\_RARA\_ANTAGONIST\_TREATED\_CD4\_TCELL\_UP  
GSE6259\_33D1\_POS\_VS\_DEC205\_POS\_SPLENIC\_DC\_UP, GSE6259\_33D1\_POS\_VS\_DEC205\_POS\_SPLENIC\_DC\_UP  
GSE3982\_CTRL\_VS\_LPS\_4H\_MAC\_UP, GSE3982\_CTRL\_VS\_LPS\_4H\_MAC\_UP  
GSE26343\_WT\_VS\_NFAT5\_KO\_MACROPHAGE\_LPS\_STIM\_UP, GSE26343\_WT\_VS\_NFAT5\_KO\_MACROPHAGE\_LPS\_STIM\_UP  
GSE12198\_CTRL\_VS\_HIGH\_IL2\_STIM\_NK\_CELL\_DN, GSE12198\_CTRL\_VS\_HIGH\_IL2\_STIM\_NK\_CELL\_DN  
GSE7852\_TREG\_VS\_TCONV\_DN, GSE7852\_TREG\_VS\_TCONV\_DN  
GSE18281\_CORTEX\_VS\_MEDULLA\_THYMUS\_DN, GSE18281\_CORTEX\_VS\_MEDULLA\_THYMUS\_DN  
GSE26669\_CD4\_VS\_CD8\_TCELL\_IN\_MLR\_DN, GSE26669\_CD4\_VS\_CD8\_TCELL\_IN\_MLR\_DN  
GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_16H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_16H\_BMDC\_UP  
GSE37532\_TREG\_VS\_TCONV\_PPARG\_KO\_CD4\_TCELL\_FROM\_VISCERAL\_ADIPOSE\_TISSUE\_DN, GSE37532\_TREG\_VS\_TCONV\_PPARG\_KO\_CD4\_TCELL\_FROM\_VISCERAL\_ADIPOSE\_TISSUE\_DN  
GSE22611\_UNSTIM\_VS\_2H\_MDP\_STIM\_MUTANT\_NOD2\_TRANSDUCED\_HEK293T\_CELL\_UP, GSE22611\_UNSTIM\_VS\_2H\_MDP\_STIM\_MUTANT\_NOD2\_TRANSDUCED\_HEK293T\_CELL\_UP  
GSE3039\_NKT\_CELL\_VS\_B1\_BCELL\_UP, GSE3039\_NKT\_CELL\_VS\_B1\_BCELL\_UP  
GSE22432\_UNTREATED\_VS\_TGFB1\_TREATED\_COMMON\_DC\_PROGENITOR\_UP, GSE22432\_UNTREATED\_VS\_TGFB1\_TREATED\_COMMON\_DC\_PROGENITOR\_UP  
GSE27859\_CD11C\_INT\_F480\_HL\_MACROPHAGE\_VS\_CD11C\_ING\_F480\_INT\_DC\_DN, GSE27859\_CD11C\_INT\_F480\_HL\_MACROPHAGE\_VS\_CD11C\_ING\_F480\_INT\_DC\_DN  
GSE17721\_LPS\_VS\_POLYIC\_16H\_BMDC\_DN, GSE17721\_LPS\_VS\_POLYIC\_16H\_BMDC\_DN  
GSE20715\_0H\_VS\_48H\_OZONE\_LUNG\_UP, GSE20715\_0H\_VS\_48H\_OZONE\_LUNG\_UP  
GSE4984\_GALECTIN1\_VS\_VEHICLE\_CTRL\_TREATED\_DC\_UP, GSE4984\_GALECTIN1\_VS\_VEHICLE\_CTRL\_TREATED\_DC\_UP  
GSE27092\_WT\_VS\_HDAC7\_PHOSPHO\_DEFICIENT\_CD8\_TCELL\_UP, GSE27092\_WT\_VS\_HDAC7\_PHOSPHO\_DEFICIENT\_CD8\_TCELL\_UP  
GSE36392\_MAC\_VS\_NEUTROPHIL\_IL25\_TREATED\_LUNG\_DN, GSE36392\_MAC\_VS\_NEUTROPHIL\_IL25\_TREATED\_LUNG\_DN  
GSE17721\_CTRL\_VS\_GARDIQUIMOD\_8H\_BMDC\_DN, GSE17721\_CTRL\_VS\_GARDIQUIMOD\_8H\_BMDC\_DN  
GSE4142\_GC\_BCELL\_VS\_MEMORY\_BCELL\_UP, GSE4142\_GC\_BCELL\_VS\_MEMORY\_BCELL\_UP  
GSE4984\_UNTREATED\_VS\_VEHICLE\_CTRL\_TREATED\_DC\_UP, GSE4984\_UNTREATED\_VS\_VEHICLE\_CTRL\_TREATED\_DC\_UP  
GSE46606\_IRF4\_KO\_VS\_WT\_CD40L\_IL2\_IL5\_1DAY\_STIMULATED\_BCELL\_UP, GSE46606\_IRF4\_KO\_VS\_WT\_CD40L\_IL2\_IL5\_1DAY\_STIMULATED\_BCELL\_UP  
GSE17721\_12H\_VS\_24H\_POLYIC\_BMDC\_UP, GSE17721\_12H\_VS\_24H\_POLYIC\_BMDC\_UP  
GSE16385\_MONOCYTE\_VS\_12H\_ROSIGLITAZONE\_TREATED\_MACROPHAGE\_UP, GSE16385\_MONOCYTE\_VS\_12H\_ROSIGLITAZONE\_TREATED\_MACROPHAGE\_UP  
GSE22886\_NAIVE\_CD4\_TCELL\_VS\_NKCELL\_UP, GSE22886\_NAIVE\_CD4\_TCELL\_VS\_NKCELL\_UP  
GSE40274\_HELIOS\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_HELIOS\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GSE17721\_POLYIC\_VS\_PAM3CSK4\_16H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_PAM3CSK4\_16H\_BMDC\_UP  
GSE38304\_MYC\_NEG\_VS\_POS\_GC\_BCELL\_UP, GSE38304\_MYC\_NEG\_VS\_POS\_GC\_BCELL\_UP  
GSE25088\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_DN, GSE25088\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_DN  
GSE11924\_TFH\_VS\_TH1\_CD4\_TCELL\_DN, GSE11924\_TFH\_VS\_TH1\_CD4\_TCELL\_DN  
GSE29618\_BCELL\_VS\_MDC\_DAY7\_FLU\_VACCINE\_UP, GSE29618\_BCELL\_VS\_MDC\_DAY7\_FLU\_VACCINE\_UP  
GSE37301\_PRO\_BCELL\_VS\_CD4\_TCELL\_DN, GSE37301\_PRO\_BCELL\_VS\_CD4\_TCELL\_DN  
GSE22886\_NAIVE\_CD4\_TCELL\_VS\_MEMORY\_TCELL\_UP, GSE22886\_NAIVE\_CD4\_TCELL\_VS\_MEMORY\_TCELL\_UP  
GSE24081\_CONTROLLER\_VS\_PROGRESSOR\_HIV\_SPECIFIC\_CD8\_TCELL\_DN, GSE24081\_CONTROLLER\_VS\_PROGRESSOR\_HIV\_SPECIFIC\_CD8\_TCELL\_DN  
GSE9650\_EXHAUSTED\_VS\_MEMORY\_CD8\_TCELL\_UP, GSE9650\_EXHAUSTED\_VS\_MEMORY\_CD8\_TCELL\_UP  
GSE22025\_UNTREATED\_VS\_PROGESTERONE\_TREATED\_CD4\_TCELL\_UP, GSE22025\_UNTREATED\_VS\_PROGESTERONE\_TREATED\_CD4\_TCELL\_UP  
GSE29618\_PRE\_VS\_DAY7\_POST\_TIV\_FLU\_VACCINE\_MDC\_UP, GSE29618\_PRE\_VS\_DAY7\_POST\_TIV\_FLU\_VACCINE\_MDC\_UP  
GSE27786\_BCELL\_VS\_CD4\_TCELL\_DN, GSE27786\_BCELL\_VS\_CD4\_TCELL\_DN  
GSE22313\_HEALTHY\_VS\_SLE\_MOUSE\_CD4\_TCELL\_UP, GSE22313\_HEALTHY\_VS\_SLE\_MOUSE\_CD4\_TCELL\_UP  
GSE36078\_UNTREATED\_VS\_AD5\_T425A\_HEXON\_INF\_IL1R\_KO\_MOUSE\_LUNG\_DC\_UP, GSE36078\_UNTREATED\_VS\_AD5\_T425A\_HEXON\_INF\_IL1R\_KO\_MOUSE\_LUNG\_DC\_UP  
GSE22611\_NOD2\_VS\_MUTANT\_NOD2\_TRANSDUCED\_HEK293T\_CELL\_DN, GSE22611\_NOD2\_VS\_MUTANT\_NOD2\_TRANSDUCED\_HEK293T\_CELL\_DN  
GSE34156\_NOD2\_LIGAND\_VS\_NOD2\_AND\_TLR1\_TLR2\_LIGAND\_24H\_TREATED\_MONOCYTE\_UP, GSE34156\_NOD2\_LIGAND\_VS\_NOD2\_AND\_TLR1\_TLR2\_LIGAND\_24H\_TREATED\_MONOCYTE\_UP  
GSE22443\_NAIVE\_VS\_ACT\_AND\_IL12\_TREATED\_CD8\_TCELL\_DN, GSE22443\_NAIVE\_VS\_ACT\_AND\_IL12\_TREATED\_CD8\_TCELL\_DN  
GSE12003\_MIR223\_KO\_VS\_WT\_BM\_PROGENITOR\_8D\_CULTURE\_UP, GSE12003\_MIR223\_KO\_VS\_WT\_BM\_PROGENITOR\_8D\_CULTURE\_UP  
GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_45MIN\_DN, GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_45MIN\_DN  
GSE2770\_IL12\_ACT\_VS\_ACT\_CD4\_TCELL\_6H\_DN, GSE2770\_IL12\_ACT\_VS\_ACT\_CD4\_TCELL\_6H\_DN  
GSE17721\_LPS\_VS\_CPG\_16H\_BMDC\_UP, GSE17721\_LPS\_VS\_CPG\_16H\_BMDC\_UP  
GSE17721\_POLYIC\_VS\_PAM3CSK4\_2H\_BMDC\_DN, GSE17721\_POLYIC\_VS\_PAM3CSK4\_2H\_BMDC\_DN  
GSE25088\_CTRL\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_STAT6\_KO\_MACROPHAGE\_DN, GSE25088\_CTRL\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_STAT6\_KO\_MACROPHAGE\_DN  
GSE37605\_C57BL6\_VS\_NOD\_FOXP3\_IRES\_GFP\_TREG\_DN, GSE37605\_C57BL6\_VS\_NOD\_FOXP3\_IRES\_GFP\_TREG\_DN  
GSE3691\_CONVENTIONAL\_VS\_PLASMACYTOID\_DC\_SPLEEN\_DN, GSE3691\_CONVENTIONAL\_VS\_PLASMACYTOID\_DC\_SPLEEN\_DN  
GSE6259\_CD4\_TCELL\_VS\_CD8\_TCELL\_UP, GSE6259\_CD4\_TCELL\_VS\_CD8\_TCELL\_UP  
GSE13484\_12H\_UNSTIM\_VS\_YF17D\_VACCINE\_STIM\_PBMC\_DN, GSE13484\_12H\_UNSTIM\_VS\_YF17D\_VACCINE\_STIM\_PBMC\_DN  
GSE13229\_IMM\_VS\_MATURE\_NKCELL\_DN, GSE13229\_IMM\_VS\_MATURE\_NKCELL\_DN  
GSE37534\_GW1929\_VS\_PIOGLITAZONE\_TREATED\_CD4\_TCELL\_PPARG1\_FOXP3\_TRANSDUCED\_UP, GSE37534\_GW1929\_VS\_PIOGLITAZONE\_TREATED\_CD4\_TCELL\_PPARG1\_FOXP3\_TRANSDUCED\_UP  
GSE27859\_MACROPHAGE\_VS\_CD11C\_INT\_F480\_INT\_DC\_UP, GSE27859\_MACROPHAGE\_VS\_CD11C\_INT\_F480\_INT\_DC\_UP  
GSE17721\_LPS\_VS\_GARDIQUIMOD\_2H\_BMDC\_UP, GSE17721\_LPS\_VS\_GARDIQUIMOD\_2H\_BMDC\_UP  
GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_CD4\_TCELL\_UP, GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_CD4\_TCELL\_UP  
GSE5589\_WT\_VS\_IL10\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_DN, GSE5589\_WT\_VS\_IL10\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_DN  
GSE26488\_CTRL\_VS\_PEPTIDE\_INJECTION\_OT2\_THYMOCTYE\_UP, GSE26488\_CTRL\_VS\_PEPTIDE\_INJECTION\_OT2\_THYMOCTYE\_UP  
GSE3720\_UNSTIM\_VS\_LPS\_STIM\_VD1\_GAMMADELTA\_TCELL\_DN, GSE3720\_UNSTIM\_VS\_LPS\_STIM\_VD1\_GAMMADELTA\_TCELL\_DN  
GSE16385\_UNTREATED\_VS\_12H\_ROSIGLITAZONE\_IFNG\_TNF\_TREATED\_MACROPHAGE\_DN, GSE16385\_UNTREATED\_VS\_12H\_ROSIGLITAZONE\_IFNG\_TNF\_TREATED\_MACROPHAGE\_DN  
GSE360\_L\_DONOVANI\_VS\_L\_MAJOR\_MAC\_DN, GSE360\_L\_DONOVANI\_VS\_L\_MAJOR\_MAC\_DN  
GSE7460\_CTRL\_VS\_FOXP3\_OVEREXPR\_TCONV\_UP, GSE7460\_CTRL\_VS\_FOXP3\_OVEREXPR\_TCONV\_UP  
GSE17721\_CPG\_VS\_GARDIQUIMOD\_16H\_BMDC\_UP, GSE17721\_CPG\_VS\_GARDIQUIMOD\_16H\_BMDC\_UP  
GSE22886\_TH1\_VS\_TH2\_12H\_ACT\_DN, GSE22886\_TH1\_VS\_TH2\_12H\_ACT\_DN  
GSE5503\_LIVER\_DC\_VS\_MLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_UP, GSE5503\_LIVER\_DC\_VS\_MLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_UP  
GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_4H\_DN, GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_4H\_DN  
GSE5589\_WT\_VS\_IL6\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_UP, GSE5589\_WT\_VS\_IL6\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_UP  
GSE9037\_WT\_VS\_IRAK4\_KO\_LPS\_1H\_STIM\_BMDM\_DN, GSE9037\_WT\_VS\_IRAK4\_KO\_LPS\_1H\_STIM\_BMDM\_DN  
GSE12366\_PLASMA\_CELL\_VS\_NAIVE\_BCELL\_UP, GSE12366\_PLASMA\_CELL\_VS\_NAIVE\_BCELL\_UP  
GSE15930\_NAIVE\_VS\_48H\_IN\_VITRO\_STIM\_IFNAB\_CD8\_TCELL\_UP, GSE15930\_NAIVE\_VS\_48H\_IN\_VITRO\_STIM\_IFNAB\_CD8\_TCELL\_UP  
GSE17721\_PAM3CSK4\_VS\_CPG\_2H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_CPG\_2H\_BMDC\_DN  
GSE21927\_UNTREATED\_VS\_GMCSF\_IL6\_TREATED\_BONE\_MARROW\_UP, GSE21927\_UNTREATED\_VS\_GMCSF\_IL6\_TREATED\_BONE\_MARROW\_UP  
GSE41978\_WT\_VS\_ID2\_KO\_AND\_BIM\_KO\_KLRG1\_LOW\_EFFECTOR\_CD8\_TCELL\_DN, GSE41978\_WT\_VS\_ID2\_KO\_AND\_BIM\_KO\_KLRG1\_LOW\_EFFECTOR\_CD8\_TCELL\_DN  
GSE23308\_CTRL\_VS\_CORTICOSTERONE\_TREATED\_MACROPHAGE\_DN, GSE23308\_CTRL\_VS\_CORTICOSTERONE\_TREATED\_MACROPHAGE\_DN  
GSE37301\_HEMATPOIETIC\_STEM\_CELL\_VS\_MULTIPOTENT\_PROGENITOR\_UP, GSE37301\_HEMATPOIETIC\_STEM\_CELL\_VS\_MULTIPOTENT\_PROGENITOR\_UP  
GSE25890\_CTRL\_VS\_IL33\_IL7\_TREATED\_NUOCYTES\_UP, GSE25890\_CTRL\_VS\_IL33\_IL7\_TREATED\_NUOCYTES\_UP  
GSE19941\_UNSTIM\_VS\_LPS\_STIM\_IL10\_KO\_NFKBIP50\_KO\_MACROPHAGE\_DN, GSE19941\_UNSTIM\_VS\_LPS\_STIM\_IL10\_KO\_NFKBIP50\_KO\_MACROPHAGE\_DN  
GSE9960\_GRAM\_POS\_VS\_GRAM\_NEG\_AND\_POS\_SEPSIS\_PBMC\_DN, GSE9960\_GRAM\_POS\_VS\_GRAM\_NEG\_AND\_POS\_SEPSIS\_PBMC\_DN  
GSE27291\_0H\_VS\_6H\_STIM\_GAMMADELTA\_TCELL\_UP, GSE27291\_0H\_VS\_6H\_STIM\_GAMMADELTA\_TCELL\_UP  
GSE29618\_PRE\_VS\_DAY7\_POST\_LAIV\_FLU\_VACCINE\_BCELL\_DN, GSE29618\_PRE\_VS\_DAY7\_POST\_LAIV\_FLU\_VACCINE\_BCELL\_DN  
GSE34156\_NOD2\_LIGAND\_VS\_TLR1\_TLR2\_LIGAND\_24H\_TREATED\_MONOCYTE\_UP, GSE34156\_NOD2\_LIGAND\_VS\_TLR1\_TLR2\_LIGAND\_24H\_TREATED\_MONOCYTE\_UP  
GSE360\_L\_MAJOR\_VS\_T\_GONDII\_DC\_UP, GSE360\_L\_MAJOR\_VS\_T\_GONDII\_DC\_UP  
GSE1925\_CTRL\_VS\_3H\_IFNG\_STIM\_MACROPHAGE\_DN, GSE1925\_CTRL\_VS\_3H\_IFNG\_STIM\_MACROPHAGE\_DN  
GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_10H\_DN, GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_10H\_DN  
GSE17721\_POLYIC\_VS\_PAM3CSK4\_0.5H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_PAM3CSK4\_0.5H\_BMDC\_UP  
GSE2770\_UNTREATED\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_2H\_UP, GSE2770\_UNTREATED\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_2H\_UP