

\_VS\_TCONV\_ADULT\_UP, GSE25087\_TREG\_VS\_TCONV\_ADULT\_UP

GSE25123\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_UP, GSE25123\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_UP  
GSE13547\_2H\_VS\_12\_H\_ANTL\_IGM\_STIM\_ZFX\_KO\_BCELL\_UP, GSE13547\_2H\_VS\_12\_H\_ANTL\_IGM\_STIM\_ZFX\_KO\_BCELL\_UP  
GSE13522\_WT\_VS\_IFNAR\_KO\_SKING\_T\_CRUZI\_Y\_STRAIN\_INF\_UP, GSE13522\_WT\_VS\_IFNAR\_KO\_SKING\_T\_CRUZI\_Y\_STRAIN\_INF\_UP  
GSE33425\_CD161\_INT\_VS\_NEG\_CD8\_TCELL\_UP, GSE33425\_CD161\_INT\_VS\_NEG\_CD8\_TCELL\_UP  
GSE37416\_0H\_VS\_6H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN, GSE37416\_0H\_VS\_6H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN  
GSE19772\_HCMV\_INFL\_VS\_HCMV\_INF\_MONOCYTES\_AND\_PI3K\_INHIBITION\_DN, GSE19772\_HCMV\_INFL\_VS\_HCMV\_INF\_MONOCYTES\_AND\_PI3K\_INHIBITION\_DN  
GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_CD21LOW\_TRANSITIONAL\_BCELL\_DN, GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_CD21LOW\_TRANSITIONAL\_BCELL\_DN  
GSE7460\_TREG\_VS\_TCONV\_ACT\_UP, GSE7460\_TREG\_VS\_TCONV\_ACT\_UP  
GSE3039\_CD4\_TCELL\_VS\_NKT\_CELL\_UP, GSE3039\_CD4\_TCELL\_VS\_NKT\_CELL\_UP  
GSE5455\_HEALTHY\_VS\_TUMOR\_BEARING\_MOUSE\_SPLEEN\_MONOCYTE\_24H\_INCUBATION\_DN, GSE5455\_HEALTHY\_VS\_TUMOR\_BEARING\_MOUSE\_SPLEEN\_MONOCYTE\_24H\_INCUBATION\_DN  
GSE21063\_CTRL\_VS\_ANTL\_IGM\_STIM\_BCELL\_NFATC1\_KO\_16H\_DN, GSE21063\_CTRL\_VS\_ANTL\_IGM\_STIM\_BCELL\_NFATC1\_KO\_16H\_DN  
GSE7852\_TREG\_VS\_TCONV\_UP, GSE7852\_TREG\_VS\_TCONV\_UP  
GSE26928\_NAIVE\_VS\_EFF\_MEMORY\_CD4\_TCELL\_DN, GSE26928\_NAIVE\_VS\_EFF\_MEMORY\_CD4\_TCELL\_DN  
GSE7348\_UNSTIM\_VS\_TOLERIZED\_AND\_LPS\_STIM\_MACROPHAGE\_DN, GSE7348\_UNSTIM\_VS\_TOLERIZED\_AND\_LPS\_STIM\_MACROPHAGE\_DN  
GSE4590\_SMALL\_VS\_LARGE\_PRE\_BCELL\_DN, GSE4590\_SMALL\_VS\_LARGE\_PRE\_BCELL\_DN  
GSE17721\_POLYIC\_VS\_PAM3CSK4\_16H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_PAM3CSK4\_16H\_BMDC\_UP  
GSE39820\_TGFBETA3\_IL6\_VS\_TGFBETA3\_IL6\_IL23A\_TREATED\_CD4\_TCELL\_UP, GSE39820\_TGFBETA3\_IL6\_VS\_TGFBETA3\_IL6\_IL23A\_TREATED\_CD4\_TCELL\_UP  
GSE14350\_IL2RB\_KO\_VS\_WT\_TREG\_DN, GSE14350\_IL2RB\_KO\_VS\_WT\_TREG\_DN  
GSE21380\_NON\_TFH\_VS\_GERMINAL\_CENTER\_TFH\_CD4\_TCELL\_DN, GSE21380\_NON\_TFH\_VS\_GERMINAL\_CENTER\_TFH\_CD4\_TCELL\_DN  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_FOXP3\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GSE17186\_NAIVE\_VS\_CD21LOW\_TRANSITIONAL\_BCELL\_UP, GSE17186\_NAIVE\_VS\_CD21LOW\_TRANSITIONAL\_BCELL\_UP  
GSE42724\_MEMORY\_VS\_B1\_BCELL\_DN, GSE42724\_MEMORY\_VS\_B1\_BCELL\_DN  
GSE17721\_0.5H\_VS\_8H\_LPS\_BMDC\_DN, GSE17721\_0.5H\_VS\_8H\_LPS\_BMDC\_DN  
GSE30971\_WBP7\_HET\_VS\_KO\_MACROPHAGE\_DN, GSE30971\_WBP7\_HET\_VS\_KO\_MACROPHAGE\_DN  
GSE40443\_INDUCED\_VS\_TOTAL\_TREG\_DN, GSE40443\_INDUCED\_VS\_TOTAL\_TREG\_DN  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_SATB1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_FOXP3\_VS\_FOXP3\_AND\_SATB1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GSE5960\_TH1\_VS\_ANERGIC\_TH1\_DN, GSE5960\_TH1\_VS\_ANERGIC\_TH1\_DN  
GSE29949\_MICROGLIA\_BRAIN\_VS\_CD8\_NEG\_DC\_SPLEEN\_UP, GSE29949\_MICROGLIA\_BRAIN\_VS\_CD8\_NEG\_DC\_SPLEEN\_UP  
GSE16450\_CTRL\_VS\_IFNA\_6H\_STIM\_MATURE\_NEURON\_CELL\_LINE\_UP, GSE16450\_CTRL\_VS\_IFNA\_6H\_STIM\_MATURE\_NEURON\_CELL\_LINE\_UP  
GSE22033\_UNTREATED\_VS\_ROSIGLITAZONE\_TREATED\_MEF\_DN, GSE22033\_UNTREATED\_VS\_ROSIGLITAZONE\_TREATED\_MEF\_DN  
GSE17721\_CTRL\_VS\_LPS\_2H\_BMDC\_DN, GSE17721\_CTRL\_VS\_LPS\_2H\_BMDC\_DN  
GSE17580\_UNINFECTED\_VS\_S\_MANSONI\_INF\_TREG\_UP, GSE17580\_UNINFECTED\_VS\_S\_MANSONI\_INF\_TREG\_UP  
GSE40274\_HELIOS\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_HELIOS\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP  
GSE37532\_WT\_VS\_PPARG\_KO\_LN\_TREG\_UP, GSE37532\_WT\_VS\_PPARG\_KO\_LN\_TREG\_UP  
GSE3920\_UNTREATED\_VS\_IFNA\_TREATED\_FIBROBLAST\_UP, GSE3920\_UNTREATED\_VS\_IFNA\_TREATED\_FIBROBLAST\_UP  
GSE19198\_6H\_VS\_24H\_IL21\_TREATED\_TCELL\_DN, GSE19198\_6H\_VS\_24H\_IL21\_TREATED\_TCELL\_DN  
GSE20484\_MCSG\_VS\_CXCL4\_MONOCYTE\_DERIVED\_MACROPHAGE\_DN, GSE20484\_MCSG\_VS\_CXCL4\_MONOCYTE\_DERIVED\_MACROPHAGE\_DN  
GSE21670\_UNTREATED\_VS\_TGFB\_TREATED\_STAT3\_KO\_CD4\_TCELL\_DN, GSE21670\_UNTREATED\_VS\_TGFB\_TREATED\_STAT3\_KO\_CD4\_TCELL\_DN  
GSE21033\_1H\_VS\_12H\_POLYIC\_STIM\_DC\_UP, GSE21033\_1H\_VS\_12H\_POLYIC\_STIM\_DC\_UP  
GSE44649\_WT\_VS\_MIR155\_KO\_ACTIVATED\_CD8\_TCELL\_UP, GSE44649\_WT\_VS\_MIR155\_KO\_ACTIVATED\_CD8\_TCELL\_UP  
GSE32255\_WT\_UNSTIM\_VS\_JMJD2D\_KNOCKDOWN\_4H\_LPS\_STIM\_DC\_UP, GSE32255\_WT\_UNSTIM\_VS\_JMJD2D\_KNOCKDOWN\_4H\_LPS\_STIM\_DC\_UP  
GSE7852\_LN\_VS\_FAT\_TREG\_DN, GSE7852\_LN\_VS\_FAT\_TREG\_DN  
GSE37301\_HEMATOPOIETIC\_STEM\_CELL\_VS\_RAG2\_KO\_NK\_CELL\_DN, GSE37301\_HEMATOPOIETIC\_STEM\_CELL\_VS\_RAG2\_KO\_NK\_CELL\_DN  
GSE37301\_CD4\_TCELL\_VS\_GRANULOCYTE\_MONOCYTE\_PROGENITOR\_DN, GSE37301\_CD4\_TCELL\_VS\_GRANULOCYTE\_MONOCYTE\_PROGENITOR\_DN  
GSE25677\_MPL\_VS\_MPL\_AND\_R848\_STIM\_BCELL\_UP, GSE25677\_MPL\_VS\_MPL\_AND\_R848\_STIM\_BCELL\_UP  
GSE24142\_DN2\_VS\_DN3\_THYMOCYTE\_ADULT\_UP, GSE24142\_DN2\_VS\_DN3\_THYMOCYTE\_ADULT\_UP  
GSE7460\_FOXP3\_MUT\_VS\_WT\_ACT\_TCONV\_UP, GSE7460\_FOXP3\_MUT\_VS\_WT\_ACT\_TCONV\_UP  
GSE17721\_CTRL\_VS\_GARDIQUIMOD\_2H\_BMDC\_DN, GSE17721\_CTRL\_VS\_GARDIQUIMOD\_2H\_BMDC\_DN  
GSE45365\_NK\_CELL\_VS\_CD8\_TCELL\_MCMV\_INFECTION\_DN, GSE45365\_NK\_CELL\_VS\_CD8\_TCELL\_MCMV\_INFECTION\_DN  
GSE36078\_WT\_VS\_IL1R\_KO\_LUNG\_DC\_AFTER\_AD5\_INF\_DN, GSE36078\_WT\_VS\_IL1R\_KO\_LUNG\_DC\_AFTER\_AD5\_INF\_DN  
GSE21033\_1H\_VS\_24H\_POLYIC\_STIM\_DC\_UP, GSE21033\_1H\_VS\_24H\_POLYIC\_STIM\_DC\_UP  
GSE21927\_BALBC\_VS\_C57BL6\_MONOCYTE\_SPLEEN\_UP, GSE21927\_BALBC\_VS\_C57BL6\_MONOCYTE\_SPLEEN\_UP  
GSE17974\_IL4\_AND\_ANTL\_IL12\_VS\_UNTREATED\_72H\_ACT\_CD4\_TCELL\_DN, GSE17974\_IL4\_AND\_ANTL\_IL12\_VS\_UNTREATED\_72H\_ACT\_CD4\_TCELL\_DN  
GSE39556\_CD8A\_DC\_VS\_NK\_CELL\_DN, GSE39556\_CD8A\_DC\_VS\_NK\_CELL\_DN  
GSE10240\_IL22\_VS\_IL22\_AND\_IL17\_STIM\_PRIMARY\_BRONCHIAL\_EPITHELIAL\_CELLS\_DN, GSE10240\_IL22\_VS\_IL22\_AND\_IL17\_STIM\_PRIMARY\_BRONCHIAL\_EPITHELIAL\_CELLS\_DN  
GSE9601\_UNTREATED\_VS\_NFKB\_INHIBITOR\_TREATED\_HCMV\_INF\_MONOCYTE\_UP, GSE9601\_UNTREATED\_VS\_NFKB\_INHIBITOR\_TREATED\_HCMV\_INF\_MONOCYTE\_UP  
GSE15735\_2H\_VS\_12H\_HDAC\_INHIBITOR\_TREATED\_CD4\_TCELL\_UP, GSE15735\_2H\_VS\_12H\_HDAC\_INHIBITOR\_TREATED\_CD4\_TCELL\_UP  
GSE2706\_2H\_VS\_8H\_LPS\_STIM\_DC\_DN, GSE2706\_2H\_VS\_8H\_LPS\_STIM\_DC\_DN  
GSE360\_CTRL\_VS\_B\_MALAYI\_HIGH\_DOSE\_MAC\_DN, GSE360\_CTRL\_VS\_B\_MALAYI\_HIGH\_DOSE\_MAC\_DN  
GSE17974\_IL4\_AND\_ANTL\_IL12\_VS\_UNTREATED\_48H\_ACT\_CD4\_TCELL\_DN, GSE17974\_IL4\_AND\_ANTL\_IL12\_VS\_UNTREATED\_48H\_ACT\_CD4\_TCELL\_DN  
GSE17974\_IL4\_AND\_ANTL\_IL12\_VS\_UNTREATED\_2H\_ACT\_CD4\_TCELL\_UP, GSE17974\_IL4\_AND\_ANTL\_IL12\_VS\_UNTREATED\_2H\_ACT\_CD4\_TCELL\_UP  
GSE21927\_SPLENIC\_VS\_TUMOR\_MONOCYTES\_FROM\_C26GM\_TUMOROUS\_MICE\_BALBC\_UP, GSE21927\_SPLENIC\_VS\_TUMOR\_MONOCYTES\_FROM\_C26GM\_TUMOROUS\_MICE\_BALBC\_UP  
HOEK\_NEUTROPHIL\_2011\_2012\_TIV\_ADULT\_7DY\_UP, HOEK\_NEUTROPHIL\_2011\_2012\_TIV\_ADULT\_7DY\_UP  
GSE5589\_WT\_VS\_IL10\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_DN, GSE5589\_WT\_VS\_IL10\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_DN  
GSE6269\_STAPH\_AUREUS\_VS\_STREP\_PNEUMO\_INF\_PPMC\_UP, GSE6269\_STAPH\_AUREUS\_VS\_STREP\_PNEUMO\_INF\_PPMC\_UP  
GSE29949\_CD8\_POS\_DC\_SPLEEN\_VS\_MONOCYTE\_BONE\_MARROW\_UP, GSE29949\_CD8\_POS\_DC\_SPLEEN\_VS\_MONOCYTE\_BONE\_MARROW\_UP  
GSE21063\_3H\_VS\_16H\_ANTL\_IGM\_STIM\_BCELL\_UP, GSE21063\_3H\_VS\_16H\_ANTL\_IGM\_STIM\_BCELL\_UP  
MATSUMIYA\_PPMC\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_LOW\_VS\_HIGH\_RESPONDERS\_2DY\_GO\_T\_CELL\_ACTIV\_AND\_CO\_STIM\_UP, MATSUMIYA\_PPMC\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_LOW\_VS\_HIGH\_RESPONDERS\_2DY\_GO\_T\_CELL\_ACTIV\_AND\_CO\_STIM\_UP  
GSE32901\_TH1\_VS\_TH17\_NEG\_CD4\_TCELL\_UP, GSE32901\_TH1\_VS\_TH17\_NEG\_CD4\_TCELL\_UP  
GSE10147\_IL3\_AND\_HIVP17\_VS\_IL3\_AND\_CPG\_STIM\_PDC\_UP, GSE10147\_IL3\_AND\_HIVP17\_VS\_IL3\_AND\_CPG\_STIM\_PDC\_UP  
SOBOLEV\_PPMC\_PANDEMRIX\_AGE\_18\_64YO\_CORRELATED\_WITH\_AGE\_1DY\_POSITIVE, SOBOLEV\_PPMC\_PANDEMRIX\_AGE\_18\_64YO\_CORRELATED\_WITH\_AGE\_1DY\_POSITIVE  
HOEK\_PPMC\_INACTIVATED\_INFLUENZA\_ADULT\_1DY\_DN, HOEK\_PPMC\_INACTIVATED\_INFLUENZA\_ADULT\_1DY\_DN  
GSE15930\_STIM\_VS\_STIM\_AND\_TRICHOSTATINA\_24H\_CD8\_T\_CELL\_UP, GSE15930\_STIM\_VS\_STIM\_AND\_TRICHOSTATINA\_24H\_CD8\_T\_CELL\_UP  
HOFT\_CD4\_POSITIVE\_ALPHA\_BETA\_MEMORY\_T\_CELL\_BCG\_VACCINE\_AGE\_18\_45YO\_ID\_7DY\_TOP\_100\_DEG\_EX\_VIVO\_DN, HOFT\_CD4\_POSITIVE\_ALPHA\_BETA\_MEMORY\_T\_CELL\_BCG\_VACCINE\_AGE\_18\_45YO\_ID\_7DY\_TOP\_100\_DEG\_EX\_VIVO\_DN  
HARALAMBIEVA\_PPMC\_DRYVAX\_AGE\_18\_40YO\_STIMULATED\_VS\_UNSTIMULATED\_9\_TO\_34MO\_UP, HARALAMBIEVA\_PPMC\_DRYVAX\_AGE\_18\_40YO\_STIMULATED\_VS\_UNSTIMULATED\_9\_TO\_34MO\_UP