

DAY21\_YF17D\_VACCINE\_PBMIC\_UP, GSE13485\_CTRL\_VS\_DAY21\_YF17D\_VACCINE\_PBMIC\_UP

GSE22103\_UNSTIM\_VS\_LPS\_STIM\_NEUTROPHIL\_UP, GSE22103\_UNSTIM\_VS\_LPS\_STIM\_NEUTROPHIL\_UP  
GSE17974\_1.5H\_VS\_72H\_IL4\_AND\_ANTI\_IL12\_ACT\_CD4\_TCELL\_UP, GSE17974\_1.5H\_VS\_72H\_IL4\_AND\_ANTI\_IL12\_ACT\_CD4\_TCELL\_UP  
GSE22935\_UNSTIM\_VS\_24H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_UP, GSE22935\_UNSTIM\_VS\_24H\_MBOVIS\_BCG\_STIM\_MYD88\_KO\_MACROPHAGE\_UP  
GSE37416\_0H\_VS\_12H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN, GSE37416\_0H\_VS\_12H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN  
GSE17974\_0.5H\_VS\_72H\_IL4\_AND\_ANTI\_IL12\_ACT\_CD4\_TCELL\_UP, GSE17974\_0.5H\_VS\_72H\_IL4\_AND\_ANTI\_IL12\_ACT\_CD4\_TCELL\_UP  
GSE26351\_UNSTIM\_VS\_WNT\_PATHWAY\_STIM\_HEMATOPOIETIC\_PROGENITORS\_UP, GSE26351\_UNSTIM\_VS\_WNT\_PATHWAY\_STIM\_HEMATOPOIETIC\_PROGENITORS\_UP  
GSE41867\_DAY8\_VS\_DAY15\_LCMV\_CLONE13\_EFFECTOR\_CD8\_TCELL\_UP, GSE41867\_DAY8\_VS\_DAY15\_LCMV\_CLONE13\_EFFECTOR\_CD8\_TCELL\_UP  
GSE26495\_NAIVE\_VS\_PD1LOW\_CD8\_TCELL\_DN, GSE26495\_NAIVE\_VS\_PD1LOW\_CD8\_TCELL\_DN  
GSE20754\_WT\_VS\_TCF1\_KO\_MEMORY\_CD8\_TCELL\_UP, GSE20754\_WT\_VS\_TCF1\_KO\_MEMORY\_CD8\_TCELL\_UP  
GSE37416\_0H\_VS\_6H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN, GSE37416\_0H\_VS\_6H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN  
GSE21063\_WT\_VS\_NFATC1\_KO\_16H\_ANTI\_IGM\_STIM\_BCELL\_UP, GSE21063\_WT\_VS\_NFATC1\_KO\_16H\_ANTI\_IGM\_STIM\_BCELL\_UP  
GSE5542\_IFNG\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_DN, GSE5542\_IFNG\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_DN  
GSE22886\_CD4\_TCELL\_VS\_BCELL\_NAIVE\_UP, GSE22886\_CD4\_TCELL\_VS\_BCELL\_NAIVE\_UP  
GSE11864\_UNTREATED\_VS\_CSF1\_IFNG\_IN\_MAC\_UP, GSE11864\_UNTREATED\_VS\_CSF1\_IFNG\_IN\_MAC\_UP  
GSE27786\_LIN\_NEG\_VS\_NKCELL\_DN, GSE27786\_LIN\_NEG\_VS\_NKCELL\_DN  
GSE21063\_CTRL\_VS\_ANTI\_IGM\_STIM\_BCELL\_NFATC1\_KO\_8H\_UP, GSE21063\_CTRL\_VS\_ANTI\_IGM\_STIM\_BCELL\_NFATC1\_KO\_8H\_UP  
GSE13485\_DAY3\_VS\_DAY21\_YF17D\_VACCINE\_PBMIC\_UP, GSE13485\_DAY3\_VS\_DAY21\_YF17D\_VACCINE\_PBMIC\_UP  
GSE41176\_WT\_VS\_TAK1\_KO\_ANTI\_IGM\_STIM\_BCELL\_6H\_DN, GSE41176\_WT\_VS\_TAK1\_KO\_ANTI\_IGM\_STIM\_BCELL\_6H\_DN  
GSE16385\_ROSIGLITAZONE\_VS\_UNTREATED\_IFNG\_TNF\_STIM\_MACROPHAGE\_DN, GSE16385\_ROSIGLITAZONE\_VS\_UNTREATED\_IFNG\_TNF\_STIM\_MACROPHAGE\_DN  
GSE27786\_CD8\_TCELL\_VS\_NKTCELL\_DN, GSE27786\_CD8\_TCELL\_VS\_NKTCELL\_DN  
GSE17721\_CPG\_VS\_GARDIQUIMOD\_4H\_BMDC\_DN, GSE17721\_CPG\_VS\_GARDIQUIMOD\_4H\_BMDC\_DN  
GSE5679\_CTRL\_VS\_PPARG\_LIGAND\_ROSIGLITAZONE\_TREATED\_DC\_DN, GSE5679\_CTRL\_VS\_PPARG\_LIGAND\_ROSIGLITAZONE\_TREATED\_DC\_DN  
GSE7460\_TCONV\_VS\_TREG\_LN\_DN, GSE7460\_TCONV\_VS\_TREG\_LN\_DN  
GSE13485\_DAY7\_VS\_DAY21\_YF17D\_VACCINE\_PBMIC\_UP, GSE13485\_DAY7\_VS\_DAY21\_YF17D\_VACCINE\_PBMIC\_UP  
GSE23925\_LIGHT\_ZONE\_VS\_NAIVE\_BCELL\_UP, GSE23925\_LIGHT\_ZONE\_VS\_NAIVE\_BCELL\_UP  
GSE21063\_CTRL\_VS\_ANTI\_IGM\_STIM\_BCELL\_NFATC1\_KO\_3H\_DN, GSE21063\_CTRL\_VS\_ANTI\_IGM\_STIM\_BCELL\_NFATC1\_KO\_3H\_DN  
GSE26343\_WT\_VS\_NFAT5\_KO\_MACROPHAGE\_LPS\_STIM\_DN, GSE26343\_WT\_VS\_NFAT5\_KO\_MACROPHAGE\_LPS\_STIM\_DN  
GSE40274\_CTRL\_VS\_GATA1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_CTRL\_VS\_GATA1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GSE19401\_UNSTIM\_VS\_RETINOIC\_ACID\_AND\_PAM2CSK4\_STIM\_FOLLICULAR\_DC\_DN, GSE19401\_UNSTIM\_VS\_RETINOIC\_ACID\_AND\_PAM2CSK4\_STIM\_FOLLICULAR\_DC\_DN  
GSE9988\_LPS\_VS\_LPS\_AND\_ANTI\_TREM1\_MONOCYTE\_DN, GSE9988\_LPS\_VS\_LPS\_AND\_ANTI\_TREM1\_MONOCYTE\_DN  
GSE10240\_IL17\_VS\_IL17\_AND\_IL22\_STIM\_PRIMARY\_BRONCHIAL\_EPITHELIAL\_CELLS\_UP, GSE10240\_IL17\_VS\_IL17\_AND\_IL22\_STIM\_PRIMARY\_BRONCHIAL\_EPITHELIAL\_CELLS\_UP  
GSE17721\_CPG\_VS\_GARDIQUIMOD\_0.5H\_BMDC\_DN, GSE17721\_CPG\_VS\_GARDIQUIMOD\_0.5H\_BMDC\_DN  
GSE17721\_PAM3CSK4\_VS\_CPG\_0.5H\_BMDC\_UP, GSE17721\_PAM3CSK4\_VS\_CPG\_0.5H\_BMDC\_UP  
GSE26928\_NAIVE\_VS\_EFF\_MEMORY\_CD4\_TCELL\_DN, GSE26928\_NAIVE\_VS\_EFF\_MEMORY\_CD4\_TCELL\_DN  
GSE5589\_IL6\_KO\_VS\_IL10\_KO\_LPS\_AND\_IL6\_STIM\_MACROPHAGE\_45MIN\_DN, GSE5589\_IL6\_KO\_VS\_IL10\_KO\_LPS\_AND\_IL6\_STIM\_MACROPHAGE\_45MIN\_DN  
GSE3039\_CD4\_TCELL\_VS\_ALPHAALPHA\_CD8\_TCELL\_UP, GSE3039\_CD4\_TCELL\_VS\_ALPHAALPHA\_CD8\_TCELL\_UP  
GSE9988\_LOW\_LPS\_VS\_ANTI\_TREM1\_AND\_LPS\_MONOCYTE\_DN, GSE9988\_LOW\_LPS\_VS\_ANTI\_TREM1\_AND\_LPS\_MONOCYTE\_DN  
GSE16385\_MONOCYTE\_VS\_12H\_ROSIGLITAZONE\_IFNG\_TNF\_TREATED\_MACROPHAGE\_UP, GSE16385\_MONOCYTE\_VS\_12H\_ROSIGLITAZONE\_IFNG\_TNF\_TREATED\_MACROPHAGE\_UP  
GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_SOCS3\_KO\_LIVER\_UP, GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_SOCS3\_KO\_LIVER\_UP  
GSE9946\_MATURE\_STIMULATORY\_VS\_LISTERIA\_INF\_MATURE\_DC\_UP, GSE9946\_MATURE\_STIMULATORY\_VS\_LISTERIA\_INF\_MATURE\_DC\_UP  
GSE14308\_TH1\_VS\_NATURAL\_TREG\_DN, GSE14308\_TH1\_VS\_NATURAL\_TREG\_DN  
GSE13485\_DAY1\_VS\_DAY21\_YF17D\_VACCINE\_PBMIC\_UP, GSE13485\_DAY1\_VS\_DAY21\_YF17D\_VACCINE\_PBMIC\_UP  
GSE39820\_TGFBETA3\_IL6\_VS\_TGFBETA3\_IL6\_IL23A\_TREATED\_CD4\_TCELL\_UP, GSE39820\_TGFBETA3\_IL6\_VS\_TGFBETA3\_IL6\_IL23A\_TREATED\_CD4\_TCELL\_UP  
GSE17721\_LPS\_VS\_GARDIQUIMOD\_0.5H\_BMDC\_DN, GSE17721\_LPS\_VS\_GARDIQUIMOD\_0.5H\_BMDC\_DN  
GSE24142\_DN2\_VS\_DN3\_THYMOCYTE\_FETAL\_UP, GSE24142\_DN2\_VS\_DN3\_THYMOCYTE\_FETAL\_UP  
GSE44649\_WT\_VS\_MIR155\_KO\_ACTIVATED\_CD8\_TCELL\_UP, GSE44649\_WT\_VS\_MIR155\_KO\_ACTIVATED\_CD8\_TCELL\_UP  
GSE12845\_NAIVE\_VS\_PRE\_GC\_TONSIL\_BCELL\_UP, GSE12845\_NAIVE\_VS\_PRE\_GC\_TONSIL\_BCELL\_UP  
GSE21670\_STAT3\_KO\_VS\_WT\_CD4\_TCELL\_IL6\_TREATED\_UP, GSE21670\_STAT3\_KO\_VS\_WT\_CD4\_TCELL\_IL6\_TREATED\_UP  
GSE29617\_CTRL\_VS\_DAY3\_TIV\_FLU\_VACCINE\_PBMIC\_2008\_UP, GSE29617\_CTRL\_VS\_DAY3\_TIV\_FLU\_VACCINE\_PBMIC\_2008\_UP  
GSE2405\_0H\_VS\_6H\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_DN, GSE2405\_0H\_VS\_6H\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_DN  
GSE43955\_TGFB\_IL6\_VS\_TGFB\_IL6\_IL23\_TH17\_ACT\_CD4\_TCELL\_60H\_UP, GSE43955\_TGFB\_IL6\_VS\_TGFB\_IL6\_IL23\_TH17\_ACT\_CD4\_TCELL\_60H\_UP  
GSE360\_CTRL\_VS\_L\_DONOVANI\_DC\_DN, GSE360\_CTRL\_VS\_L\_DONOVANI\_DC\_DN  
GSE22935\_WT\_VS\_MYD88\_KO\_MACROPHAGE\_12H\_MBOVIS\_BCG\_STIM\_UP, GSE22935\_WT\_VS\_MYD88\_KO\_MACROPHAGE\_12H\_MBOVIS\_BCG\_STIM\_UP  
GSE6269\_E\_COLI\_VS\_STREP\_PNEUMO\_INF\_PBMIC\_UP, GSE6269\_E\_COLI\_VS\_STREP\_PNEUMO\_INF\_PBMIC\_UP  
GSE2585\_THYMIC\_DC\_VS\_MTEC\_UP, GSE2585\_THYMIC\_DC\_VS\_MTEC\_UP  
GSE11961\_FOLLICULAR\_BCELL\_VS\_MARGINAL\_ZONE\_BCELL\_DN, GSE11961\_FOLLICULAR\_BCELL\_VS\_MARGINAL\_ZONE\_BCELL\_DN  
GSE3982\_DC\_VS\_BCELL\_DN, GSE3982\_DC\_VS\_BCELL\_DN  
GSE8621\_LPS\_STIM\_VS\_LPS\_PRIMED\_AND\_LPS\_STIM\_MACROPHAGE\_UP, GSE8621\_LPS\_STIM\_VS\_LPS\_PRIMED\_AND\_LPS\_STIM\_MACROPHAGE\_UP