

DAY1\_YF17D\_VACCINE\_PBMC\_UP, GSE13485\_CTRL\_VS\_DAY1\_YF17D\_VACCINE\_PBMC\_UP

GSE37416\_CTRL\_VS\_48H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN, GSE37416\_CTRL\_VS\_48H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN  
GSE19888\_CTRL\_VS\_A3R\_INHIBITOR\_TREATED\_MAST\_CELL\_UP, GSE19888\_CTRL\_VS\_A3R\_INHIBITOR\_TREATED\_MAST\_CELL\_UP  
GSE10239\_MEMORY\_VS\_KLRG1HIGH\_EFF\_CD8\_TCELL\_DN, GSE10239\_MEMORY\_VS\_KLRG1HIGH\_EFF\_CD8\_TCELL\_DN  
GSE13485\_DAY1\_VS\_DAY3\_YF17D\_VACCINE\_PBMC\_DN, GSE13485\_DAY1\_VS\_DAY3\_YF17D\_VACCINE\_PBMC\_DN  
GSE13485\_CTRL\_VS\_DAY21\_YF17D\_VACCINE\_PBMC\_UP, GSE13485\_CTRL\_VS\_DAY21\_YF17D\_VACCINE\_PBMC\_UP  
GSE18791\_UNSTIM\_VS\_NEWCATSLE\_VIRUS\_DC\_6H\_UP, GSE18791\_UNSTIM\_VS\_NEWCATSLE\_VIRUS\_DC\_6H\_UP  
GSE28726\_NAIVE\_VS\_ACTIVATED\_NKTCCELL\_DN, GSE28726\_NAIVE\_VS\_ACTIVATED\_NKTCCELL\_DN  
GSE44649\_NAIVE\_VS\_ACTIVATED\_CD8\_TCELL\_MIR155\_KO\_DN, GSE44649\_NAIVE\_VS\_ACTIVATED\_CD8\_TCELL\_MIR155\_KO\_DN  
GSE10239\_NAIVE\_VS\_MEMORY\_CD8\_TCELL\_UP, GSE10239\_NAIVE\_VS\_MEMORY\_CD8\_TCELL\_UP  
GSE19772\_HCMV\_INFL\_VS\_HCMV\_INF\_MONOCYTES\_AND\_P13K\_INHIBITION\_DN, GSE19772\_HCMV\_INFL\_VS\_HCMV\_INF\_MONOCYTES\_AND\_P13K\_INHIBITION\_DN  
GSE3982\_MAC\_VS\_NEUTROPHIL\_LPS\_STIM\_UP, GSE3982\_MAC\_VS\_NEUTROPHIL\_LPS\_STIM\_UP  
GSE13485\_DAY1\_VS\_DAY7\_YF17D\_VACCINE\_PBMC\_DN, GSE13485\_DAY1\_VS\_DAY7\_YF17D\_VACCINE\_PBMC\_DN  
GSE17721\_PAM3CSK4\_VS\_GAD1QUIMOD\_1H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_GAD1QUIMOD\_1H\_BMDC\_DN  
GSE17301\_ACD3\_ACD28\_VS\_ACD3\_ACD28\_AND\_IFNA2\_STIM\_CD8\_TCELL\_DN, GSE17301\_ACD3\_ACD28\_VS\_ACD3\_ACD28\_AND\_IFNA2\_STIM\_CD8\_TCELL\_DN  
GSE17974\_0H\_VS\_2H\_IN\_VITRO\_ACT\_CD4\_TCELL\_DN, GSE17974\_0H\_VS\_2H\_IN\_VITRO\_ACT\_CD4\_TCELL\_DN  
GSE17974\_0H\_VS\_1H\_IN\_VITRO\_ACT\_CD4\_TCELL\_DN, GSE17974\_0H\_VS\_1H\_IN\_VITRO\_ACT\_CD4\_TCELL\_DN  
GSE17721\_LPS\_VS\_GARD1QUIMOD\_24H\_BMDC\_DN, GSE17721\_LPS\_VS\_GARD1QUIMOD\_24H\_BMDC\_DN  
GSE17721\_CTRL\_VS\_GARD1QUIMOD\_24H\_BMDC\_DN, GSE17721\_CTRL\_VS\_GARD1QUIMOD\_24H\_BMDC\_DN  
GSE13484\_UNSTIM\_VS\_12H\_YF17D\_VACCINE\_STIM\_PBMC\_DN, GSE13484\_UNSTIM\_VS\_12H\_YF17D\_VACCINE\_STIM\_PBMC\_DN  
GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTI\_IL12\_1H\_CD4\_TCELL\_DN, GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTI\_IL12\_1H\_CD4\_TCELL\_DN  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_2H\_UP, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_2H\_UP  
GSE29949\_MICROGLIA\_BRAIN\_VS\_CD8\_POS\_DC\_SPLEEN\_UP, GSE29949\_MICROGLIA\_BRAIN\_VS\_CD8\_POS\_DC\_SPLEEN\_UP  
GSE17721\_POLYIC\_VS\_GARD1QUIMOD\_4H\_BMDC\_DN, GSE17721\_POLYIC\_VS\_GARD1QUIMOD\_4H\_BMDC\_DN  
GSE17721\_PAM3CSK4\_VS\_GAD1QUIMOD\_24H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_GAD1QUIMOD\_24H\_BMDC\_DN  
GSE5589\_WT\_VS\_IL6\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_45MIN\_DN, GSE5589\_WT\_VS\_IL6\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_45MIN\_DN  
GSE14308\_TH1\_VS\_NATURAL\_TREG\_DN, GSE14308\_TH1\_VS\_NATURAL\_TREG\_DN  
GSE9037\_CTRL\_VS\_LPS\_1H\_STIM\_BMDM\_UP, GSE9037\_CTRL\_VS\_LPS\_1H\_STIM\_BMDM\_UP  
GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_AT\_DX\_DN, GSE9006\_HEALTHY\_VS\_TYPE\_1\_DIABETES\_PBMC\_AT\_DX\_DN  
GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTI\_IL12\_0.5H\_CD4\_TCELL\_DN, GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTI\_IL12\_0.5H\_CD4\_TCELL\_DN  
GSE17721\_CTRL\_VS\_PAM3CSK4\_6H\_BMDC\_DN, GSE17721\_CTRL\_VS\_PAM3CSK4\_6H\_BMDC\_DN  
GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_12H\_ACT\_CD4\_TCELL\_UP, GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_12H\_ACT\_CD4\_TCELL\_UP  
GSE41176\_UNSTIM\_VS\_ANTI\_IGM\_STIM\_BCELL\_6H\_DN, GSE41176\_UNSTIM\_VS\_ANTI\_IGM\_STIM\_BCELL\_6H\_DN  
GSE18804\_BRAIN\_VS\_COLON\_TUMORAL\_MACROPHAGE\_DN, GSE18804\_BRAIN\_VS\_COLON\_TUMORAL\_MACROPHAGE\_DN  
GSE19888\_ADENOSINE\_A3R\_ACT\_VS\_TCELL\_MEMBRANES\_ACT\_IN\_MAST\_CELL\_DN, GSE19888\_ADENOSINE\_A3R\_ACT\_VS\_TCELL\_MEMBRANES\_ACT\_IN\_MAST\_CELL\_DN  
GSE5589\_UNSTIM\_VS\_45MIN\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_DN, GSE5589\_UNSTIM\_VS\_45MIN\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_DN  
GSE17721\_12H\_VS\_24H\_PAM3CSK4\_BMDC\_UP, GSE17721\_12H\_VS\_24H\_PAM3CSK4\_BMDC\_UP  
GSE32128\_INOS\_DEPENDENT\_VS\_INOS\_INDEPENDENT\_ACTIVATED\_TCELL\_UP, GSE32128\_INOS\_DEPENDENT\_VS\_INOS\_INDEPENDENT\_ACTIVATED\_TCELL\_UP  
GSE17721\_CTRL\_VS\_POLYIC\_12H\_BMDC\_DN, GSE17721\_CTRL\_VS\_POLYIC\_12H\_BMDC\_DN  
GSE11864\_UNTREATED\_VS\_CSF1\_PAM3CYS\_IN\_MAC\_DN, GSE11864\_UNTREATED\_VS\_CSF1\_PAM3CYS\_IN\_MAC\_DN  
GSE7460\_CTRL\_VS\_TGFB\_TREATED\_ACT\_CD8\_TCELL\_DN, GSE7460\_CTRL\_VS\_TGFB\_TREATED\_ACT\_CD8\_TCELL\_DN  
GSE21927\_SPLEEN\_VS\_C26GM\_TUMOR\_MONOCYTE\_BALBC\_DN, GSE21927\_SPLEEN\_VS\_C26GM\_TUMOR\_MONOCYTE\_BALBC\_DN  
GSE11864\_CSF1\_VS\_CSF1\_IFNG\_PAM3CYS\_IN\_MAC\_DN, GSE11864\_CSF1\_VS\_CSF1\_IFNG\_PAM3CYS\_IN\_MAC\_DN  
GSE9601\_UNTREATED\_VS\_P13K\_INHIBITOR\_TREATED\_HCMV\_INF\_MONOCYTE\_DN, GSE9601\_UNTREATED\_VS\_P13K\_INHIBITOR\_TREATED\_HCMV\_INF\_MONOCYTE\_DN  
GSE7852\_TREG\_VS\_TCONV\_THYMUS\_DN, GSE7852\_TREG\_VS\_TCONV\_THYMUS\_DN  
GSE17721\_LPS\_VS\_PAM3CSK4\_6H\_BMDC\_UP, GSE17721\_LPS\_VS\_PAM3CSK4\_6H\_BMDC\_UP  
GSE2124\_CTRL\_VS\_LYMPHOTOXIN\_BETA\_TREATED\_MLN\_DN, GSE2124\_CTRL\_VS\_LYMPHOTOXIN\_BETA\_TREATED\_MLN\_DN  
GSE7460\_TCONV\_VS\_TREG\_THYMUS\_UP, GSE7460\_TCONV\_VS\_TREG\_THYMUS\_UP  
GSE21927\_BALBC\_VS\_C57BL6\_MONOCYTE\_TUMOR\_DN, GSE21927\_BALBC\_VS\_C57BL6\_MONOCYTE\_TUMOR\_DN  
GSE17721\_CTRL\_VS\_POLYIC\_24H\_BMDC\_DN, GSE17721\_CTRL\_VS\_POLYIC\_24H\_BMDC\_DN  
GSE7460\_CTRL\_VS\_FOXP3\_OVEREXPR\_TCONV\_DN, GSE7460\_CTRL\_VS\_FOXP3\_OVEREXPR\_TCONV\_DN  
GSE21927\_HEALTHY\_VS\_TUMOROUS\_BALBC\_MOUSE\_MONOCYTE\_UP, GSE21927\_HEALTHY\_VS\_TUMOROUS\_BALBC\_MOUSE\_MONOCYTE\_UP  
GSE2197\_CPG\_DNA\_VS\_UNTREATED\_IN\_DC\_UP, GSE2197\_CPG\_DNA\_VS\_UNTREATED\_IN\_DC\_UP  
GSE17974\_0H\_VS\_0.5H\_IN\_VITRO\_ACT\_CD4\_TCELL\_DN, GSE17974\_0H\_VS\_0.5H\_IN\_VITRO\_ACT\_CD4\_TCELL\_DN  
GSE45365\_CD8A\_DC\_VS\_CD11B\_DC\_IFNAR\_KO\_DN, GSE45365\_CD8A\_DC\_VS\_CD11B\_DC\_IFNAR\_KO\_DN  
GSE15659\_NONSUPPRESSIVE\_TCELL\_VS\_ACTIVATED\_TREG\_DN, GSE15659\_NONSUPPRESSIVE\_TCELL\_VS\_ACTIVATED\_TREG\_DN  
GSE15659\_RESTING\_VS\_ACTIVATED\_TREG\_DN, GSE15659\_RESTING\_VS\_ACTIVATED\_TREG\_DN  
GSE6259\_33D1\_POS\_DC\_VS\_CD8\_TCELL\_DN, GSE6259\_33D1\_POS\_DC\_VS\_CD8\_TCELL\_DN  
GSE9006\_HEALTHY\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_DX\_DN, GSE9006\_HEALTHY\_VS\_TYPE\_2\_DIABETES\_PBMC\_AT\_DX\_DN  
GSE19772\_CTRL\_VS\_HCMV\_INF\_MONOCYTES\_AND\_P13K\_INHIBITION\_UP, GSE19772\_CTRL\_VS\_HCMV\_INF\_MONOCYTES\_AND\_P13K\_INHIBITION\_UP  
GSE15659\_NAIVE\_VS\_PTPRC\_NEG\_CD4\_TCELL\_DN, GSE15659\_NAIVE\_VS\_PTPRC\_NEG\_CD4\_TCELL\_DN  
GSE26488\_WT\_VS\_VP16\_TRANSGENIC\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCTE\_UP, GSE26488\_WT\_VS\_VP16\_TRANSGENIC\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCTE\_UP  
GSE15659\_RESTING\_TREG\_VS\_NONSUPPRESSIVE\_TCELL\_DN, GSE15659\_RESTING\_TREG\_VS\_NONSUPPRESSIVE\_TCELL\_DN  
GSE19923\_WT\_VS\_E2A\_KO\_DP\_THYMOCTE\_DN, GSE19923\_WT\_VS\_E2A\_KO\_DP\_THYMOCTE\_DN  
GSE43955\_TH0\_VS\_TGFB\_IL6\_IL23\_THI7\_ACT\_CD4\_TCELL\_60H\_UP, GSE43955\_TH0\_VS\_TGFB\_IL6\_IL23\_THI7\_ACT\_CD4\_TCELL\_60H\_UP  
GSE360\_DC\_VS\_MAC\_T\_GONDIL\_DN, GSE360\_DC\_VS\_MAC\_T\_GONDIL\_DN  
GSE29164\_UNTREATED\_VS\_CD8\_TCELL\_TREATED\_MELANOMA\_DAY7\_DN, GSE29164\_UNTREATED\_VS\_CD8\_TCELL\_TREATED\_MELANOMA\_DAY7\_DN  
GSE19888\_ADENOSINE\_A3R\_INH\_VS\_ACT\_WITH\_INHIBITOR\_PRETREATMENT\_IN\_MAST\_CELL\_DN, GSE19888\_ADENOSINE\_A3R\_INH\_VS\_ACT\_WITH\_INHIBITOR\_PRETREATMENT\_IN\_MAST\_CELL\_DN  
GSE20715\_WT\_VS\_TLR4\_KO\_LUNG\_DN, GSE20715\_WT\_VS\_TLR4\_KO\_LUNG\_DN  
GSE28783\_ANTI\_MIR33\_VS\_CTRL\_ATHEROSCLEROSIS\_MACROPHAGE\_UP, GSE28783\_ANTI\_MIR33\_VS\_CTRL\_ATHEROSCLEROSIS\_MACROPHAGE\_UP  
GSE360\_L\_MAJOR\_VS\_T\_GONDIL\_DC\_UP, GSE360\_L\_MAJOR\_VS\_T\_GONDIL\_DC\_UP  
GSE10463\_CD40L\_AND\_VA347\_VS\_CD40L\_IN\_DC\_UP, GSE10463\_CD40L\_AND\_VA347\_VS\_CD40L\_IN\_DC\_UP  
GSE3203\_WT\_VS\_IFNARI\_KO\_INFLUENZA\_INFECTED\_IN\_BCELL\_DN, GSE3203\_WT\_VS\_IFNARI\_KO\_INFLUENZA\_INFECTED\_IN\_BCELL\_DN  
HOFT\_CD4\_POSITIVE\_ALPHA\_BETA\_MEMORY\_T\_CELL\_BCG\_VACCINE\_AGE\_18\_45YO\_ID\_56D\_TOP\_100\_DEG\_AFTER\_IN\_VITRO\_RE\_STIMULATION\_DN, HOFT\_CD4\_POSITIVE\_ALPHA\_BETA\_MEMORY\_T\_CELL\_BCG\_VACCINE\_AGE\_18\_45YO\_ID\_56D\_TOP\_100\_DEG\_AFTER\_IN\_VITRO\_RE\_STIMULATION\_DN  
GSE360\_DC\_VS\_MAC\_T\_GONDIL\_UP, GSE360\_DC\_VS\_MAC\_T\_GONDIL\_UP  
GSE37534\_GW1929\_VS\_PIOGLITAZONE\_TREATED\_CD4\_TCELL\_PPARG1\_FOXP3\_TRANSDUCED\_UP, GSE37534\_GW1929\_VS\_PIOGLITAZONE\_TREATED\_CD4\_TCELL\_PPARG1\_FOXP3\_TRANSDUCED\_UP  
GSE24210\_TCONV\_VS\_TREG\_UP, GSE24210\_TCONV\_VS\_TREG\_UP  
GSE1925\_CTRL\_VS\_3H\_IFNG\_STIM\_MACROPHAGE\_DN, GSE1925\_CTRL\_VS\_3H\_IFNG\_STIM\_MACROPHAGE\_DN  
GSE22886\_NAIVE\_BCELL\_VS\_MONOCYTE\_UP, GSE22886\_NAIVE\_BCELL\_VS\_MONOCYTE\_UP  
GSE15659\_CD45RA\_NEG\_CD4\_TCELL\_VS\_ACTIVATED\_TREG\_DN, GSE15659\_CD45RA\_NEG\_CD4\_TCELL\_VS\_ACTIVATED\_TREG\_DN  
GSE11924\_TH1\_VS\_THI7\_CD4\_TCELL\_UP, GSE11924\_TH1\_VS\_THI7\_CD4\_TCELL\_UP  
GSE1925\_CTRL\_VS\_3H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_DN, GSE1925\_CTRL\_VS\_3H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_DN  
GSE13411\_NAIVE\_BCELL\_VS\_PLASMA\_CELL\_DN, GSE13411\_NAIVE\_BCELL\_VS\_PLASMA\_CELL\_DN  
GSE2585\_AIRE\_KO\_VS\_WT\_CD80\_LOW\_MTEC\_DN, GSE2585\_AIRE\_KO\_VS\_WT\_CD80\_LOW\_MTEC\_DN  
GSE1740\_UNSTIM\_VS\_IFNA\_STIMULATED\_MCSF\_DERIVED\_MACROPHAGE\_DN, GSE1740\_UNSTIM\_VS\_IFNA\_STIMULATED\_MCSF\_DERIVED\_MACROPHAGE\_DN  
GSE3982\_BCELL\_VS\_NKCELL\_DN, GSE3982\_BCELL\_VS\_NKCELL\_DN  
GSE15624\_3H\_VS\_6H\_HALOFUGINONE\_TREATED\_CD4\_TCELL\_DN, GSE15624\_3H\_VS\_6H\_HALOFUGINONE\_TREATED\_CD4\_TCELL\_DN  
GSE39152\_SPLEEN\_CD103\_NEG\_VS\_BRAIN\_CD103\_POS\_MEMORY\_CD8\_TCELL\_DN, GSE39152\_SPLEEN\_CD103\_NEG\_VS\_BRAIN\_CD103\_POS\_MEMORY\_CD8\_TCELL\_DN  
GSE17721\_PAM3CSK4\_VS\_GAD1QUIMOD\_16H\_BMDC\_UP, GSE17721\_PAM3CSK4\_VS\_GAD1QUIMOD\_16H\_BMDC\_UP  
GSE15659\_NAIVE\_VS\_PTPRC\_NEG\_CD4\_TCELL\_UP, GSE15659\_NAIVE\_VS\_PTPRC\_NEG\_CD4\_TCELL\_UP  
GSE17721\_PAM3CSK4\_VS\_GAD1QUIMOD\_2H\_BMDC\_UP, GSE17721\_PAM3CSK4\_VS\_GAD1QUIMOD\_2H\_BMDC\_UP  
GSE17721\_POLYIC\_VS\_GARD1QUIMOD\_0.5H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_GARD1QUIMOD\_0.5H\_BMDC\_UP  
GSE40666\_UNTREATED\_VS\_IFNA\_STIM\_STAT1\_KO\_CD8\_TCELL\_90MIN\_UP, GSE40666\_UNTREATED\_VS\_IFNA\_STIM\_STAT1\_KO\_CD8\_TCELL\_90MIN\_UP  
GSE7568\_CTRL\_VS\_3H\_TGFB\_TREATED\_MACROPHAGES\_WITH\_IL4\_AND\_DEXAMETHASONE\_UP, GSE7568\_CTRL\_VS\_3H\_TGFB\_TREATED\_MACROPHAGES\_WITH\_IL4\_AND\_DEXAMETHASONE\_UP  
GSE360\_DC\_VS\_MAC\_L\_MAJOR\_UP, GSE360\_DC\_VS\_MAC\_L\_MAJOR\_UP  
GSE22025\_PROGESTERONE\_VS\_TGFB1\_AND\_PROGESTERONE\_TREATED\_CD4\_TCELL\_DN, GSE22025\_PROGESTERONE\_VS\_TGFB1\_AND\_PROGESTERONE\_TREATED\_CD4\_TCELL\_DN  
GSE5542\_UNTREATED\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_UP, GSE5542\_UNTREATED\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_UP  
GSE29615\_CTRL\_VS\_DAY3\_LAIV\_IFLU\_VACCINE\_PBMC\_DN, GSE29615\_CTRL\_VS\_DAY3\_LAIV\_IFLU\_VACCINE\_PBMC\_DN  
QI\_PBMC\_ZOSTAVAX\_AGE\_50\_75YO\_IDY\_UP, QI\_PBMC\_ZOSTAVAX\_AGE\_50\_75YO\_IDY\_UP  
GSE2585\_THYMIC\_MACROPHAGE\_VS\_MTEC\_DN, GSE2585\_THYMIC\_MACROPHAGE\_VS\_MTEC\_DN  
GSE1791\_CTRL\_VS\_NEUROMEDININ\_IN\_T\_CELL\_LINE\_0.8H\_DN, GSE1791\_CTRL\_VS\_NEUROMEDININ\_IN\_T\_CELL\_LINE\_0.8H\_DN  
GSE21927\_SPLEEN\_VS\_C26GM\_TUMOR\_MONOCYTE\_BALBC\_UP, GSE21927\_SPLEEN\_VS\_C26GM\_TUMOR\_MONOCYTE\_BALBC\_UP  
GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_MACROPHAGE\_UP, GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_MACROPHAGE\_UP  
GSE9946\_IMMATURE\_VS\_LISTERIA\_INF\_MATURE\_DC\_UP, GSE9946\_IMMATURE\_VS\_LISTERIA\_INF\_MATURE\_DC\_UP  
MATSUMIYA\_PBMC\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_HIGH\_RESPONDERS\_VS\_LOW\_RESPONDERS\_ODY\_UP, MATSUMIYA\_PBMC\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_HIGH\_RESPONDERS\_VS\_LOW\_RESPONDERS\_ODY\_UP  
GSE17721\_POLYIC\_VS\_CPG\_0.5H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_CPG\_0.5H\_BMDC\_UP  
GSE12507\_PDC\_CELL\_LINE\_VS\_IMMATUE\_T\_CELL\_LINE\_DN, GSE12507\_PDC\_CELL\_LINE\_VS\_IMMATUE\_T\_CELL\_LINE\_DN  
GSE2770\_IL12\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_UP, GSE2770\_IL12\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_UP  
GSE2585\_CTEC\_VS\_MTEC\_THYMUS\_DN, GSE2585\_CTEC\_VS\_MTEC\_THYMUS\_DN  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_GATA1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_FOXP3\_VS\_FOXP3\_AND\_GATA1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP  
GSE13485\_PRE\_VS\_POST\_YF17D\_VACCINATION\_PBMC\_UP, GSE13485\_PRE\_VS\_POST\_YF17D\_VACCINATION\_PBMC\_UP  
GSE5589\_WT\_VS\_IL6\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_UP, GSE5589\_WT\_VS\_IL6\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_UP  
GSE43957\_UNTREATED\_VS\_NACL\_TREATED\_ANTI\_CD3\_CD28\_STIM\_CD4\_TCELL\_UP, GSE43957\_UNTREATED\_VS\_NACL\_TREATED\_ANTI\_CD3\_CD28\_STIM\_CD4\_TCELL\_UP  
GSE26023\_PHD3\_KO\_VS\_WT\_NEUTROPHIL\_HYPOXIA\_UP, GSE26023\_PHD3\_KO\_VS\_WT\_NEUTROPHIL\_HYPOXIA\_UP  
GSE13306\_TREG\_RA\_VS\_TCONV\_RA\_DN, GSE13306\_TREG\_RA\_VS\_TCONV\_RA\_DN  
GSE13522\_CTRL\_VS\_T\_CRUZL\_G\_STRAIN\_INF\_SKIN\_DN, GSE13522\_CTRL\_VS\_T\_CRUZL\_G\_STRAIN\_INF\_SKIN\_DN  
GSE45365\_HEALTHY\_VS\_MCMV\_INFECTION\_CD8\_TCELL\_IFNAR\_KO\_DN, GSE45365\_HEALTHY\_VS\_MCMV\_INFECTION\_CD8\_TCELL\_IFNAR\_KO\_DN  
GSE6269\_F\_COLI\_VS\_STREP\_PNEUMO\_INF\_PBMC\_UP, GSE6269\_F\_COLI\_VS\_STREP\_PNEUMO\_INF\_PBMC\_UP  
GSE29618\_PRE\_VS\_DAY7\_POST\_TIV\_FLU\_VACCINE\_PDC\_UP, GSE29618\_PRE\_VS\_DAY7\_POST\_TIV\_FLU\_VACCINE\_PDC\_UP  
GSE15659\_NAIVE\_CD4\_TCELL\_VS\_ACTIVATED\_TREG\_DN, GSE15659\_NAIVE\_CD4\_TCELL\_VS\_ACTIVATED\_TREG\_DN  
GSE3982\_MAC\_VS\_NKCELL\_DN, GSE3982\_MAC\_VS\_NKCELL\_DN  
GSE22601\_DOUBLE\_NEGATIVE\_VS\_CD8\_SINGLE\_POSITIVE\_THYMOCTE\_DN, GSE22601\_DOUBLE\_NEGATIVE\_VS\_CD8\_SINGLE\_POSITIVE\_THYMOCTE\_DN  
GSE19941\_UNSTIM\_VS\_LPS\_STIM\_IL10\_KO\_NFKBP50\_KO\_MACROPHAGE\_DN, GSE19941\_UNSTIM\_VS\_LPS\_STIM\_IL10\_KO\_NFKBP50\_KO\_MACROPHAGE\_DN  
GSE37336\_Ly6C\_POS\_VS\_NEG\_NAIVE\_CD4\_TCELL\_UP, GSE37336\_Ly6C\_POS\_VS\_NEG\_NAIVE\_CD4\_TCELL\_UP  
GSE12198\_LOW\_IL2\_STIM\_NK\_CELL\_VS\_HIGH\_IL2\_STIM\_NK\_CELL\_DN, GSE12198\_LOW\_IL2\_STIM\_NK\_CELL\_VS\_HIGH\_IL2\_STIM\_NK\_CELL\_DN  
GSE34217\_MIR17\_92\_OVEREXPRESS\_VS\_WT\_ACT\_CD8\_TCELL\_UP, GSE34217\_MIR17\_92\_OVEREXPRESS\_VS\_WT\_ACT\_CD8\_TCELL\_UP  
GSE19374\_UNINF\_VS\_LISTERIA\_INFECTED\_MACROPHAGE\_UP, GSE19374\_UNINF\_VS\_LISTERIA\_INFECTED\_MACROPHAGE\_UP  
GSE17721\_POLYIC\_VS\_PAM3CSK4\_0.5H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_PAM3CSK4\_0.5H\_BMDC\_UP  
GSE19923\_E2A\_KO\_VS\_HEB\_AND\_E2A\_KO\_DP\_THYMOCTE\_DN, GSE19923\_E2A\_KO\_VS\_HEB\_AND\_E2A\_KO\_DP\_THYMOCTE\_DN  
GSE15659\_CD45RA\_NEG\_CD4\_TCELL\_VS\_NONSUPPRESSIVE\_TCELL\_UP, GSE15659\_CD45RA\_NEG\_CD4\_TCELL\_VS\_NONSUPPRESSIVE\_TCELL\_UP  
GSE360\_L\_MAJOR\_VS\_T\_GONDIL\_DC\_DN, GSE360\_L\_MAJOR\_VS\_T\_GONDIL\_DC\_DN  
GSE22886\_NAIVE\_CD4\_TCELL\_VS\_MEMORY\_TCELL\_UP, GSE22886\_NAIVE\_CD4\_TCELL\_VS\_MEMORY\_TCELL\_UP  
GSE9960\_GRAM\_NEG\_VS\_GRAM\_NEG\_AND\_POS\_SEPSIS\_PBMC\_UP, GSE9960\_GRAM\_NEG\_VS\_GRAM\_NEG\_AND\_POS\_SEPSIS\_PBMC\_UP  
GSE16385\_MONOCYTE\_VS\_12H\_IFNG\_TNF\_TREATED\_MACROPHAGE\_DN, GSE16385\_MONOCYTE\_VS\_12H\_IFNG\_TNF\_TREATED\_MACROPHAGE\_DN  
GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_1DAY\_STIMULATED\_IRF4HIGH\_SORTED\_BCELL\_UP, GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_1DAY\_STIMULATED\_IRF4HIGH\_SORTED\_BCELL\_UP  
GSE3720\_LPS\_VS\_PMA\_STIM\_VD2\_GAMMADELTA\_TCELL\_DN, GSE3720\_LPS\_VS\_PMA\_STIM\_VD2\_GAMMADELTA\_TCELL\_DN  
GSE17721\_CTRL\_VS\_GARD1QUIMOD\_4H\_BMDC\_DN, GSE17721\_CTRL\_VS\_GARD1QUIMOD\_4H\_BMDC\_DN  
GSE17721\_CTRL\_VS\_PAM3CSK4\_2H\_BMDC\_DN, GSE17721\_CTRL\_VS\_PAM3CSK4\_2H\_BMDC\_DN  
GSE21927\_E4\_VS\_MCA203\_TUMOR\_MONOCYTES\_UP, GSE21927\_E4\_VS\_MCA203\_TUMOR\_MONOCYTES\_UP  
GARCIA\_PINERES\_PBMC\_HPV\_16\_L1\_VLP\_AGE\_18\_25YO\_7MO\_CORRELATED\_WITH\_ANTIBODY\_RESPONSE\_POSITIVE, GARCIA\_PINERES\_PBMC\_HPV\_16\_L1\_VLP\_AGE\_18\_25YO\_7MO\_CORRELATED\_WITH\_ANTIBODY\_RESPONSE\_POSITIVE