

GSE36888\_UNTREATED\_VS\_IL2\_TREATED\_STAT5\_AB\_KNOCKIN\_TCELL\_6H\_DN,GSE36888\_UNTREATED\_VS\_IL2\_TREATED\_STAT5\_AB\_KNOCKIN\_TCELL\_6H\_DN  
GSE22886\_NAIVE\_TCELL\_VS\_NEUTROPHIL\_UP,GSE22886\_NAIVE\_TCELL\_VS\_NEUTROPHIL\_UP  
GSE13484\_UNSTIM\_VS\_YF17D\_VACCINE\_STIM\_PBMC\_UP,GSE13484\_UNSTIM\_VS\_YF17D\_VACCINE\_STIM\_PBMC\_UP  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_14H\_UP,GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_14H\_UP  
GSE36476\_CTRL\_VS\_TSST\_ACT\_16H\_MEMORY\_CD4\_TCELL\_OLD\_DN,GSE36476\_CTRL\_VS\_TSST\_ACT\_16H\_MEMORY\_CD4\_TCELL\_OLD\_DN  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_10H\_UP,GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_10H\_UP  
GSE17721\_POLYIC\_VS\_PAM3CSK4\_16H\_BMDC\_DN,GSE17721\_POLYIC\_VS\_PAM3CSK4\_16H\_BMDC\_DN  
GSE20727\_CTRL\_VS\_ROS\_INH\_AND\_DNFB\_ALLERGEN\_TREATED\_DC\_UP,GSE20727\_CTRL\_VS\_ROS\_INH\_AND\_DNFB\_ALLERGEN\_TREATED\_DC\_UP  
GSE15330\_MEGAKARYOCYTE\_ERYTHROID\_PROGENITOR\_VS\_PRO\_BCELL\_DN,GSE15330\_MEGAKARYOCYTE\_ERYTHROID\_PROGENITOR\_VS\_PRO\_BCELL\_DN  
GSE21360\_PRIMARY\_VS\_TERTIARY\_MEMORY\_CD8\_TCELL\_UP,GSE21360\_PRIMARY\_VS\_TERTIARY\_MEMORY\_CD8\_TCELL\_UP  
GSE36888\_UNTREATED\_VS\_IL2\_TREATED\_TCELL\_6H\_DN,GSE36888\_UNTREATED\_VS\_IL2\_TREATED\_TCELL\_6H\_DN  
GSE40666\_UNTREATED\_VS\_IFNA\_STIM\_CD8\_TCELL\_90MIN\_DN,GSE40666\_UNTREATED\_VS\_IFNA\_STIM\_CD8\_TCELL\_90MIN\_DN  
GSE22886\_NAIVE\_CD4\_TCELL\_VS\_48H\_ACT\_TH2\_DN,GSE22886\_NAIVE\_CD4\_TCELL\_VS\_48H\_ACT\_TH2\_DN  
GSE21063\_CTRL\_VS\_ANTLJGM\_STIM\_BCELL\_NFATC1\_KO\_8H\_DN,GSE21063\_CTRL\_VS\_ANTLJGM\_STIM\_BCELL\_NFATC1\_KO\_8H\_DN  
GSE13411\_NAIVE\_VS\_SWITCHED\_MEMORY\_BCELL\_DN,GSE13411\_NAIVE\_VS\_SWITCHED\_MEMORY\_BCELL\_DN  
GSE11973\_MIR223\_KOVS\_WT\_BONE\_MARROW\_NEUTROPHIL\_DN,GSE11973\_MIR223\_KOVS\_WT\_BONE\_MARROW\_NEUTROPHIL\_DN  
GSE8621\_LPS\_PRIMED\_UNSTIM\_VS\_LPS\_PRIMED\_AND\_LPS\_STIM\_MACROPHAGE\_DN,GSE8621\_LPS\_PRIMED\_UNSTIM\_VS\_LPS\_PRIMED\_AND\_LPS\_STIM\_MACROPHAGE\_DN  
GSE2770\_UNTREATED\_VS\_ACT\_CD4\_TCELL\_48H\_UP,GSE2770\_UNTREATED\_VS\_ACT\_CD4\_TCELL\_48H\_UP  
GSE17721\_POLYIC\_VS\_PAM3CSK4\_6H\_BMDC\_DN,GSE17721\_POLYIC\_VS\_PAM3CSK4\_6H\_BMDC\_DN  
GSE31082\_DP\_VS\_CD4\_SP\_THYMOCYTE\_DN,GSE31082\_DP\_VS\_CD4\_SP\_THYMOCYTE\_DN  
GSE27786\_NKCELL\_VS\_MONO\_MAC\_UP,GSE27786\_NKCELL\_VS\_MONO\_MAC\_UP  
GSE22886\_NAIVE\_CD4\_TCELL\_VS\_NEUTROPHIL\_UP,GSE22886\_NAIVE\_CD4\_TCELL\_VS\_NEUTROPHIL\_UP  
GSE2770\_IL12\_AND\_TGFB\_ACT\_VS\_ACT\_CD4\_TCELL\_2H\_DN,GSE2770\_IL12\_AND\_TGFB\_ACT\_VS\_ACT\_CD4\_TCELL\_2H\_DN  
GSE22140\_HEALTHY\_VS\_ARTHRITIC\_MOUSE\_CD4\_TCELL\_DN,GSE22140\_HEALTHY\_VS\_ARTHRITIC\_MOUSE\_CD4\_TCELL\_DN  
GSE3982\_EOSINOPHIL\_VS\_NEUTROPHIL\_UP,GSE3982\_EOSINOPHIL\_VS\_NEUTROPHIL\_UP  
GSE25088\_WT\_VS\_STAT6\_KO\_MACROPHAGE\_UP,GSE25088\_WT\_VS\_STAT6\_KO\_MACROPHAGE\_UP  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_SATB1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN,GSE40274\_FOXP3\_VS\_FOXP3\_AND\_SATB1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GSE6269\_FLU\_VS\_STAPH\_AUREUS\_INF\_PBMC\_UP,GSE6269\_FLU\_VS\_STAPH\_AUREUS\_INF\_PBMC\_UP  
GSE37416\_CTRL\_VS\_6H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN,GSE37416\_CTRL\_VS\_6H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_DN  
GSE27241\_WT\_CTRL\_VS\_DIGOXIN\_TREATED\_RORGT\_KO\_CD4\_TCELL\_IN\_TH17\_POLARIZING\_CONDITIONS\_DN,GSE27241\_WT\_CTRL\_VS\_DIGOXIN\_TREATED\_RORGT\_KO\_CD4\_TCELL\_IN\_TH17\_POLARIZING\_CONDITIONS\_DN  
GSE17721\_POLYIC\_VS\_CPG\_24H\_BMDC\_DN,GSE17721\_POLYIC\_VS\_CPG\_24H\_BMDC\_DN  
GSE17721\_CPG\_VS\_GARDIQUIMOD\_6H\_BMDC\_DN,GSE17721\_CPG\_VS\_GARDIQUIMOD\_6H\_BMDC\_DN  
GSE27786\_LIN\_NEG\_VS\_CD8\_TCELL\_UP,GSE27786\_LIN\_NEG\_VS\_CD8\_TCELL\_UP  
GSE36891\_UNSTIM\_VS\_PAM\_TLR2\_STIM\_PERITONEAL\_MACROPHAGE\_DN,GSE36891\_UNSTIM\_VS\_PAM\_TLR2\_STIM\_PERITONEAL\_MACROPHAGE\_DN  
GSE20484\_MCSG\_VS\_CXCL4\_MONOCYTE\_DERIVED\_MACROPHAGE\_UP,GSE20484\_MCSG\_VS\_CXCL4\_MONOCYTE\_DERIVED\_MACROPHAGE\_UP  
GSE19401\_UNSTIM\_VS\_RETINOIC\_ACID\_AND\_PAM2CSK4\_STIM\_FOLLICULAR\_DC\_UP,GSE19401\_UNSTIM\_VS\_RETINOIC\_ACID\_AND\_PAM2CSK4\_STIM\_FOLLICULAR\_DC\_UP  
GSE24142\_ADULT\_VS\_FETAL\_EARLY\_THYMIC\_PROGENITOR\_DN,GSE24142\_ADULT\_VS\_FETAL\_EARLY\_THYMIC\_PROGENITOR\_DN  
GSE40666\_UNTREATED\_VS\_IFNA\_STIM\_EFFECTOR\_CD8\_TCELL\_90MIN\_DN,GSE40666\_UNTREATED\_VS\_IFNA\_STIM\_EFFECTOR\_CD8\_TCELL\_90MIN\_DN  
GSE360\_HIGH\_DOSE\_B\_MALAYI\_VS\_M\_TUBERCULOSIS\_MAC\_DN,GSE360\_HIGH\_DOSE\_B\_MALAYI\_VS\_M\_TUBERCULOSIS\_MAC\_DN  
GSE37533\_PPARG1\_FOXP3\_VS\_FOXP3\_TRANSDUCED\_CD4\_TCELL\_UP,GSE37533\_PPARG1\_FOXP3\_VS\_FOXP3\_TRANSDUCED\_CD4\_TCELL\_UP  
GSE2706\_UNSTIM\_VS\_8H\_LPS\_DC\_UP,GSE2706\_UNSTIM\_VS\_8H\_LPS\_DC\_UP  
GSE3982\_MAST\_CELL\_VS\_TH2\_UP,GSE3982\_MAST\_CELL\_VS\_TH2\_UP  
GSE360\_L\_DONOVANL\_VS\_L\_MAJOR\_MAC\_UP,GSE360\_L\_DONOVANL\_VS\_L\_MAJOR\_MAC\_UP  
GSE19923\_E2A\_KO\_VS\_E2A\_AND\_HEB\_KO\_DP\_THYMOCYTE\_DN,GSE19923\_E2A\_KO\_VS\_E2A\_AND\_HEB\_KO\_DP\_THYMOCYTE\_DN  
GSE46242\_TH1\_VS\_ANERGIC\_TH1\_CD4\_TCELL\_WITH\_EGR2\_DELETED\_UP,GSE46242\_TH1\_VS\_ANERGIC\_TH1\_CD4\_TCELL\_WITH\_EGR2\_DELETED\_UP  
GSE12845\_PRE\_GC\_VS\_DARKZONE\_GC\_TONSIL\_BCELL\_DN,GSE12845\_PRE\_GC\_VS\_DARKZONE\_GC\_TONSIL\_BCELL\_DN  
GSE1460\_INTRATHYMIC\_T\_PROGENITOR\_VS\_DP\_THYMOCYTE\_UP,GSE1460\_INTRATHYMIC\_T\_PROGENITOR\_VS\_DP\_THYMOCYTE\_UP  
GSE22103\_UNSTIM\_VS\_GMCSF\_AND\_IFNG\_STIM\_NEUTROPHIL\_DN,GSE22103\_UNSTIM\_VS\_GMCSF\_AND\_IFNG\_STIM\_NEUTROPHIL\_DN  
GSE7460\_CD8\_TCELL\_VS\_CD4\_TCELL\_ACT\_DN,GSE7460\_CD8\_TCELL\_VS\_CD4\_TCELL\_ACT\_DN  
GSE27786\_LSK\_VS\_LIN\_NEG\_CELL\_DN,GSE27786\_LSK\_VS\_LIN\_NEG\_CELL\_DN  
GSE2770\_IL12\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_UP,GSE2770\_IL12\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_UP  
GSE18281\_SUBCAPSULAR\_VS\_CENTRAL\_CORTICAL\_REGION\_OF\_THYMUS\_DN,GSE18281\_SUBCAPSULAR\_VS\_CENTRAL\_CORTICAL\_REGION\_OF\_THYMUS\_DN  
GSE17721\_CPG\_VS\_GARDIQUIMOD\_0.5H\_BMDC\_DN,GSE17721\_CPG\_VS\_GARDIQUIMOD\_0.5H\_BMDC\_DN  
GSE2706\_2H\_VS\_8H\_R848\_AND\_LPS\_STIM\_DC\_UP,GSE2706\_2H\_VS\_8H\_R848\_AND\_LPS\_STIM\_DC\_UP  
GSE29949\_CD8\_POS\_DC\_SPLEEN\_VS\_MONOCYTE\_BONE\_MARROW\_UP,GSE29949\_CD8\_POS\_DC\_SPLEEN\_VS\_MONOCYTE\_BONE\_MARROW\_UP  
GSE22886\_NAIVE\_BCELL\_VS\_BLOOD\_PLASMA\_CELL\_DN,GSE22886\_NAIVE\_BCELL\_VS\_BLOOD\_PLASMA\_CELL\_DN  
GSE5589\_IL6\_KO\_VS\_IL10\_KO\_LPS\_STIM\_MACROPHAGE\_45MIN\_DN,GSE5589\_IL6\_KO\_VS\_IL10\_KO\_LPS\_STIM\_MACROPHAGE\_45MIN\_DN  
GSE360\_DC\_VS\_MAC\_B\_MALAYI\_HIGH\_DOSE\_UP,GSE360\_DC\_VS\_MAC\_B\_MALAYI\_HIGH\_DOSE\_UP  
GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_BCELL\_DN,GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_BCELL\_DN  
GSE3982\_MEMORY\_CD4\_TCELL\_VS\_TH2\_UP,GSE3982\_MEMORY\_CD4\_TCELL\_VS\_TH2\_UP  
GSE43955\_10H\_VS\_30H\_ACT\_CD4\_TCELL\_WITH\_TGFB\_IL6\_UP,GSE43955\_10H\_VS\_30H\_ACT\_CD4\_TCELL\_WITH\_TGFB\_IL6\_UP  
GSE25123\_CTRL\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DN,GSE25123\_CTRL\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DN  
GSE34205\_HEALTHY\_VS\_FLU\_INF\_INFANT\_PBMC\_DN,GSE34205\_HEALTHY\_VS\_FLU\_INF\_INFANT\_PBMC\_DN  
GSE2405\_0H\_VS\_24H\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_DN,GSE2405\_0H\_VS\_24H\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_DN  
GSE2128\_CTRL\_VS\_MIMETOPE\_NEGATIVE\_SELECTION\_DP\_THYMOCYTE\_NOD\_DN,GSE2128\_CTRL\_VS\_MIMETOPE\_NEGATIVE\_SELECTION\_DP\_THYMOCYTE\_NOD\_DN  
GSE8685\_IL2\_STARVED\_VS\_IL15\_ACT\_IL2\_STARVED\_CD4\_TCELL\_DN,GSE8685\_IL2\_STARVED\_VS\_IL15\_ACT\_IL2\_STARVED\_CD4\_TCELL\_DN  
GSE37301\_HEMATOPOIETIC\_STEM\_CELL\_VS\_COMMON\_LYMPHOID\_PROGENITOR\_UP,GSE37301\_HEMATOPOIETIC\_STEM\_CELL\_VS\_COMMON\_LYMPHOID\_PROGENITOR\_UP  
GSE8621\_UNSTIM\_VS\_LPS\_PRIMED\_UNSTIM\_MACROPHAGE\_UP,GSE8621\_UNSTIM\_VS\_LPS\_PRIMED\_UNSTIM\_MACROPHAGE\_UP  
GSE21927\_SPLEEN\_VS\_TUMOR\_MONOCYTE\_C57BL6\_UP,GSE21927\_SPLEEN\_VS\_TUMOR\_MONOCYTE\_C57BL6\_UP  
GSE23308\_CTRL\_VS\_CORTICOSTERONE\_TREATED\_MACROPHAGE\_DN,GSE23308\_CTRL\_VS\_CORTICOSTERONE\_TREATED\_MACROPHAGE\_DN  
GSE7219\_WT\_VS\_NIK\_NFKB2\_KO\_LPS\_AND\_ANTL\_CD40\_STIM\_DC\_UP,GSE7219\_WT\_VS\_NIK\_NFKB2\_KO\_LPS\_AND\_ANTL\_CD40\_STIM\_DC\_UP  
GSE40441\_NRP1\_POS\_INDUCED\_TREG\_VS\_NRP1\_NEG\_NATURAL\_TREG\_UP,GSE40441\_NRP1\_POS\_INDUCED\_TREG\_VS\_NRP1\_NEG\_NATURAL\_TREG\_UP  
GSE36826\_NORMAL\_VS\_STAPH\_AUREUS\_INF\_SKIN\_DN,GSE36826\_NORMAL\_VS\_STAPH\_AUREUS\_INF\_SKIN\_DN  
GSE8384\_CTRL\_VS\_B\_ABORTUS\_4H\_MAC\_CELL\_LINE\_DN,GSE8384\_CTRL\_VS\_B\_ABORTUS\_4H\_MAC\_CELL\_LINE\_DN  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_XBP1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN,GSE40274\_FOXP3\_VS\_FOXP3\_AND\_XBP1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GSE3982\_MAST\_CELL\_VS\_DC\_DN,GSE3982\_MAST\_CELL\_VS\_DC\_DN  
GSE32255\_WT\_VS\_JMJD2D\_KNOCKDOWN\_4H\_LPS\_STIM\_DC\_UP,GSE32255\_WT\_VS\_JMJD2D\_KNOCKDOWN\_4H\_LPS\_STIM\_DC\_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  
GSE36888\_UNTREATED\_VS\_IL2\_TREATED\_TCELL\_2H\_DN,GSE36888\_UNTREATED\_VS\_IL2\_TREATED\_TCELL\_2H\_DN  
GSE20715\_WT\_VS\_TLR4\_KO\_LUNG\_UP,GSE20715\_WT\_VS\_TLR4\_KO\_LUNG\_UP  
GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_PRO\_BCELL\_UP,GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_PRO\_BCELL\_UP  
GSE43955\_TH0\_VS\_TGFB\_IL6\_THI7\_ACT\_CD4\_TCELL\_30H\_UP,GSE43955\_TH0\_VS\_TGFB\_IL6\_THI7\_ACT\_CD4\_TCELL\_30H\_UP  
GSE360\_L\_MAJOR\_VS\_M\_TUBERCULOSIS\_MAC\_UP,GSE360\_L\_MAJOR\_VS\_M\_TUBERCULOSIS\_MAC\_UP  
GSE2128\_CTRL\_VS\_MIMETOPE\_NEGATIVE\_SELECTION\_DP\_THYMOCYTE\_C57BL6\_UP,GSE2128\_CTRL\_VS\_MIMETOPE\_NEGATIVE\_SELECTION\_DP\_THYMOCYTE\_C57BL6\_UP  
GSE5099\_CLASSICAL\_M1\_VS\_ALTERNATIVE\_M2\_MACROPHAGE\_DN,GSE5099\_CLASSICAL\_M1\_VS\_ALTERNATIVE\_M2\_MACROPHAGE\_DN  
GSE8835\_HEALTHY\_VS\_CLL\_CD4\_TCELL\_DN,GSE8835\_HEALTHY\_VS\_CLL\_CD4\_TCELL\_DN  
GSE37532\_VISCERAL\_ADIPOSE\_TISSUE\_VS\_LN\_DERIVED\_TREG\_CD4\_TCELL\_DN,GSE37532\_VISCERAL\_ADIPOSE\_TISSUE\_VS\_LN\_DERIVED\_TREG\_CD4\_TCELL\_DN  
GSE13306\_RA\_VS\_UNTREATED\_TREG\_DN,GSE13306\_RA\_VS\_UNTREATED\_TREG\_DN  
GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_UP,GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_UP  
GSE11961\_PLASMA\_CELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP,GSE11961\_PLASMA\_CELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP  
GSE15330\_HSC\_VS\_MEGAKARYOCYTE\_ERYTHROID\_PROGENITOR\_DN,GSE15330\_HSC\_VS\_MEGAKARYOCYTE\_ERYTHROID\_PROGENITOR\_DN  
GSE14415\_FOXP3\_KO\_NATURAL\_TREG\_VS\_TCONV\_DN,GSE14415\_FOXP3\_KO\_NATURAL\_TREG\_VS\_TCONV\_DN  
GSE23114\_PERITONEAL\_CAVITY\_B1A\_BCELL\_VS\_SPLEEN\_BCELL\_UP,GSE23114\_PERITONEAL\_CAVITY\_B1A\_BCELL\_VS\_SPLEEN\_BCELL\_UP  
GSE22033\_WT\_VS\_PPARG\_KO\_MEF\_UP,GSE22033\_WT\_VS\_PPARG\_KO\_MEF\_UP  
GSE3982\_MAC\_VS\_NEUTROPHIL\_LPS\_STIM\_DN,GSE3982\_MAC\_VS\_NEUTROPHIL\_LPS\_STIM\_DN  
GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_6H\_BMDC\_UP,GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_6H\_BMDC\_UP  
GSE2405\_HEAT\_KILLED\_VS\_LIVE\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_24H\_UP,GSE2405\_HEAT\_KILLED\_VS\_LIVE\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_24H\_UP  
GSE27786\_BCELL\_VS\_CD4\_TCELL\_DN,GSE27786\_BCELL\_VS\_CD4\_TCELL\_DN  
GSE29164\_UNTREATED\_VS\_CD8\_TCELL\_AND\_IL12\_TREATED\_MELANOMA\_DAY3\_UP,GSE29164\_UNTREATED\_VS\_CD8\_TCELL\_AND\_IL12\_TREATED\_MELANOMA\_DAY3\_UP  
GSE11961\_UNSTIM\_VS\_ANTLJGM\_AND\_CD40\_STIM\_6H\_FOLLICULAR\_BCELL\_DN,GSE11961\_UNSTIM\_VS\_ANTLJGM\_AND\_CD40\_STIM\_6H\_FOLLICULAR\_BCELL\_DN  
GSE8515\_IL1\_VS\_IL6\_4H\_STIM\_MAC\_UP,GSE8515\_IL1\_VS\_IL6\_4H\_STIM\_MAC\_UP  
GSE20500\_CTRL\_VS\_RETINOIC\_ACID\_TREATED\_CD4\_TCELL\_DN,GSE20500\_CTRL\_VS\_RETINOIC\_ACID\_TREATED\_CD4\_TCELL\_DN  
GSE17721\_LPS\_VS\_POLYIC\_0.5H\_BMDC\_DN,GSE17721\_LPS\_VS\_POLYIC\_0.5H\_BMDC\_DN  
GSE24210\_IL35\_TREATED\_VS\_UNTREATED\_TCONV\_CD4\_TCELL\_DN,GSE24210\_IL35\_TREATED\_VS\_UNTREATED\_TCONV\_CD4\_TCELL\_DN  
GSE1112\_OT1\_VS\_HY\_CD8AB\_THYMOCYTE\_RTOC\_CULTURE\_UP,GSE1112\_OT1\_VS\_HY\_CD8AB\_THYMOCYTE\_RTOC\_CULTURE\_UP  
GSE43955\_TH0\_VS\_TGFB\_IL6\_THI7\_ACT\_CD4\_TCELL\_10H\_DN,GSE43955\_TH0\_VS\_TGFB\_IL6\_THI7\_ACT\_CD4\_TCELL\_10H\_DN  
GSE14415\_ACT\_TCONV\_VS\_ACT\_NATURAL\_TREG\_UP,GSE14415\_ACT\_TCONV\_VS\_ACT\_NATURAL\_TREG\_UP  
GSE43955\_TH0\_VS\_TGFB\_IL6\_THI7\_ACT\_CD4\_TCELL\_30H\_DN,GSE43955\_TH0\_VS\_TGFB\_IL6\_THI7\_ACT\_CD4\_TCELL\_30H\_DN  
GSE9946\_IMMATURE\_VS\_LISTERIA\_INF\_MATURE\_DC\_UP,GSE9946\_IMMATURE\_VS\_LISTERIA\_INF\_MATURE\_DC\_UP  
GSE37534\_GW1929\_VS\_PIOGLITAZONE\_TREATED\_CD4\_TCELL\_PPARG1\_FOXP3\_TRANSDUCED\_UP,GSE37534\_GW1929\_VS\_PIOGLITAZONE\_TREATED\_CD4\_TCELL\_PPARG1\_FOXP3\_TRANSDUCED\_UP  
GSE9650\_GP33\_VS\_GP276\_LCMV\_SPECIFIC\_EXHAUSTED\_CD8\_TCELL\_UP,GSE9650\_GP33\_VS\_GP276\_LCMV\_SPECIFIC\_EXHAUSTED\_CD8\_TCELL\_UP  
GSE17721\_ALL\_VS\_24H\_PAM3CSK4\_BMDC\_UP,GSE17721\_ALL\_VS\_24H\_PAM3CSK4\_BMDC\_UP  
GSE1740\_UNSTIM\_VS\_IFNA\_STIMULATED\_MCSF\_IFNG\_DERIVED\_MACROPHAGE\_UP,GSE1740\_UNSTIM\_VS\_IFNA\_STIMULATED\_MCSF\_IFNG\_DERIVED\_MACROPHAGE\_UP  
GSE42021\_CD24INT\_VS\_CD24LOW\_TCONV\_THYMUS\_UP,GSE42021\_CD24INT\_VS\_CD24LOW\_TCONV\_THYMUS\_UP  
GSE15930\_NAIVE\_VS\_48H\_IN\_VITRO\_STIM\_CD8\_TCELL\_UP,GSE15930\_NAIVE\_VS\_48H\_IN\_VITRO\_STIM\_CD8\_TCELL\_UP  
GSE26488\_HDAC7\_KO\_VS\_VP16\_TRANSGENIC\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCYTE\_DN,GSE26488\_HDAC7\_KO\_VS\_VP16\_TRANSGENIC\_HDAC7\_KO\_DOUBLE\_POSITIVE\_THYMOCYTE\_DN  
GSE40273\_XBP1\_KO\_VS\_WT\_TREG\_UP,GSE40273\_XBP1\_KO\_VS\_WT\_TREG\_UP  
GSE5099\_MONOCYTE\_VS\_ALTERNATIVE\_M2\_MACROPHAGE\_UP,GSE5099\_MONOCYTE\_VS\_ALTERNATIVE\_M2\_MACROPHAGE\_UP  
GSE11961\_MEMORY\_BCELL\_DAY40\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP,GSE11961\_MEMORY\_BCELL\_DAY40\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP  
GSE27670\_BLMIP1\_VS\_LMP1\_TRANSDUCED\_GC\_BCELL\_UP,GSE27670\_BLMIP1\_VS\_LMP1\_TRANSDUCED\_GC\_BCELL\_UP  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_GATA1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP,GSE40274\_FOXP3\_VS\_FOXP3\_AND\_GATA1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP  
GSE3337\_CTRL\_VS\_16H\_IFNG\_IN\_CD8POS\_DC\_UP,GSE3337\_CTRL\_VS\_16H\_IFNG\_IN\_CD8POS\_DC\_UP  
GSE18281\_MEDULLARY\_THYMOCYTE\_VS\_WHOLE\_MEDULLA\_THYMUS\_DN,GSE18281\_MEDULLARY\_THYMOCYTE\_VS\_WHOLE\_MEDULLA\_THYMUS\_DN  
GSE30083\_SP2\_VS\_SP3\_THYMOCYTE\_UP,GSE30083\_SP2\_VS\_SP3\_THYMOCYTE\_UP  
GSE360\_HIGH\_VS\_LOW\_DOSE\_B\_MALAYI\_DC\_UP,GSE360\_HIGH\_VS\_LOW\_DOSE\_B\_MALAYI\_DC\_UP  
GSE42021\_TCONV\_PLN\_VS\_CD24LO\_TCONV\_THYMUS\_UP,GSE42021\_TCONV\_PLN\_VS\_CD24LO\_TCONV\_THYMUS\_UP  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_PBX1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN,GSE40274\_FOXP3\_VS\_FOXP3\_AND\_PBX1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN  
GSE12198\_CTRL\_VS\_HIGH\_IL2\_STIM\_NK\_CELL\_UP,GSE12198\_CTRL\_VS\_HIGH\_IL2\_STIM\_NK\_CELL\_UP  
GSE1460\_NAIVE\_CD4\_TCELL\_CORD\_BLOOD\_VS\_THYMIC\_STROMAL\_CELL\_UP,GSE1460\_NAIVE\_CD4\_TCELL\_CORD\_BLOOD\_VS\_THYMIC\_STROMAL\_CELL\_UP  
GSE19888\_ADENOSINE\_A3R\_ACT\_VS\_TCELL\_MEMBRANES\_ACT\_AND\_A3R\_INH\_PRETREAT\_IN\_MAST\_CELL\_UP,GSE19888\_ADENOSINE\_A3R\_ACT\_VS\_TCELL\_MEMBRANES\_ACT\_AND\_A3R\_INH\_PRETREAT\_IN\_MAST\_CELL\_UP  
GSE5589\_WT\_VS\_IL6\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_DN,GSE5589\_WT\_VS\_IL6\_KO\_LPS\_STIM\_MACROPHAGE\_180MIN\_DN  
GSE37533\_UNTREATED\_VS\_PIOGLITAZONE\_TREATED\_CD4\_TCELL\_FOXP3 TRASDUCED\_CD4\_TCELL\_UP,GSE37533\_UNTREATED\_VS\_PIOGLITAZONE\_TREATED\_CD4\_TCELL\_FOXP3 TRASDUCED\_CD4\_TCELL\_UP  
GSE3203\_WT\_VS\_IFNARI1\_KO\_INFLUENZA\_INFECTED\_LN\_BCELL\_UP,GSE3203\_WT\_VS\_IFNARI1\_KO\_INFLUENZA\_INFECTED\_LN\_BCELL\_UP  
GSE7218\_UNSTIM\_VS\_ANTIGEN\_STIM\_THROUGH\_IGM\_BCELL\_UP,GSE7218\_UNSTIM\_VS\_ANTIGEN\_STIM\_THROUGH\_IGM\_BCELL\_UP  
GSE19941\_UNSTIM\_VS\_LPS\_STIM\_IL10\_KO\_MACROPHAGE\_UP,GSE19941\_UNSTIM\_VS\_LPS\_STIM\_IL10\_KO\_MACROPHAGE\_UP  
GSE12845\_IJD\_POS\_VS\_NEG\_BLOOD\_BCELL\_UP,GSE12845\_IJD\_POS\_VS\_NEG\_BLOOD\_BCELL\_UP  
GSE31622\_WT\_VS\_KLF3\_KO\_BCELL\_UP,GSE31622\_WT\_VS\_KLF3\_KO\_BCELL\_UP  
GSE39864\_WT\_VS\_GATA3\_KO\_TREG\_UP,GSE39864\_WT\_VS\_GATA3\_KO\_TREG\_UP  
GSE16385\_UNTREATED\_VS\_12H\_ROSIGLITAZONE\_IL4\_TREATED\_MACROPHAGE\_DN,GSE16385\_UNTREATED\_VS\_12H\_ROSIGLITAZONE\_IL4\_TREATED\_MACROPHAGE\_DN  
GSE22886\_CD8\_TCELL\_VS\_BCELL\_NAIVE\_DN,GSE22886\_CD8\_TCELL\_VS\_BCELL\_NAIVE\_DN  
GSE43863\_TFH\_VS\_LY6C\_INT\_CXCR5POS\_MEMORY\_CD4\_TCELL\_DN,GSE43863\_TFH\_VS\_LY6C\_INT\_CXCR5POS\_MEMORY\_CD4\_TCELL\_DN  
GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL4\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP,GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL4\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP  
GSE37301\_CD4\_TCELL\_VS\_GNANULOCYTE\_MONOCYTE\_PROGENITOR\_UP,GSE37301\_CD4\_TCELL\_VS\_GNANULOCYTE\_MONOCYTE\_PROGENITOR\_UP  
GSE1925\_CTRL\_VS\_3H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_DN,GSE1925\_CTRL\_VS\_3H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_DN  
GSE15324\_ELF4\_KO\_VS\_WT\_ACTIVATED\_CD8\_TCELL\_DN,GSE15324\_ELF4\_KO\_VS\_WT\_ACTIVATED\_CD8\_TCELL\_DN  
GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_MACROPHAGE\_UP,GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_MACROPHAGE\_UP  
GSE13411\_IGM\_MEMORY\_BCELL\_VS\_PLASMA\_CELL\_DN,GSE13411\_IGM\_MEMORY\_BCELL\_VS\_PLASMA\_CELL\_DN  
GSE37605\_NOD\_VS\_C57BL6\_IRES\_GFP\_TREG\_DN,GSE37605\_NOD\_VS\_C57BL6\_IRES\_GFP\_TREG\_DN