

CO\_VISCERAL\_ADIPOSE\_TISSUE\_TREG\_UP, GSE37532\_WT\_VS\_PPARG\_KO\_VISCERAL\_ADIPOSE\_TISSUE\_TREG\_UP

GSE10239\_MEMORY\_VS\_DAY4.5\_EFF\_CD8\_TCELL\_DN, GSE10239\_MEMORY\_VS\_DAY4.5\_EFF\_CD8\_TCELL\_DN  
GSE17974\_2H\_VS\_72H\_UNTREATED\_IN\_VITRO\_CD4\_TCELL\_DN, GSE17974\_2H\_VS\_72H\_UNTREATED\_IN\_VITRO\_CD4\_TCELL\_DN  
GSE15750\_DAY6\_VS\_DAY10\_TRAF6KO\_EFF\_CD8\_TCELL\_UP, GSE15750\_DAY6\_VS\_DAY10\_TRAF6KO\_EFF\_CD8\_TCELL\_UP  
GSE6674\_ANTLJGM\_VS\_PL2\_3\_STIM\_BCELL\_UP, GSE6674\_ANTLJGM\_VS\_PL2\_3\_STIM\_BCELL\_UP  
GSE10239\_MEMORY\_VS\_KLRG1HIGH\_EFF\_CD8\_TCELL\_DN, GSE10239\_MEMORY\_VS\_KLRG1HIGH\_EFF\_CD8\_TCELL\_DN  
GSE1460\_DP\_THYMOCYTE\_VS\_NAIVE\_CD4\_TCELL\_CORD\_BLOOD\_UP, GSE1460\_DP\_THYMOCYTE\_VS\_NAIVE\_CD4\_TCELL\_CORD\_BLOOD\_UP  
GSE13547\_2H\_VS\_12\_H\_ANTLJGM\_STIM\_BCELL\_UP, GSE13547\_2H\_VS\_12\_H\_ANTLJGM\_STIM\_BCELL\_UP  
GSE13547\_CTRL\_VS\_ANTLJGM\_STIM\_BCELL\_2H\_UP, GSE13547\_CTRL\_VS\_ANTLJGM\_STIM\_BCELL\_2H\_UP  
GSE2770\_IL12\_AND\_TGFB\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_UP, GSE2770\_IL12\_AND\_TGFB\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_UP  
GSE10239\_MEMORY\_VS\_KLRG1INT\_EFF\_CD8\_TCELL\_DN, GSE10239\_MEMORY\_VS\_KLRG1INT\_EFF\_CD8\_TCELL\_DN  
GSE25085\_FETAL\_LIVER\_VS\_ADULT\_BM\_SP4\_THYMIC\_IMPLANT\_DN, GSE25085\_FETAL\_LIVER\_VS\_ADULT\_BM\_SP4\_THYMIC\_IMPLANT\_DN  
GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_CD21HIGH\_TRANSITIONAL\_BCELL\_UP, GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_CD21HIGH\_TRANSITIONAL\_BCELL\_UP  
GSE12366\_GC\_BCELL\_VS\_PLASMA\_CELL\_UP, GSE12366\_GC\_BCELL\_VS\_PLASMA\_CELL\_UP  
GSE37301\_COMMON\_LYMPHOID\_PROGENITOR\_VS\_PRO\_BCELL\_DN, GSE37301\_COMMON\_LYMPHOID\_PROGENITOR\_VS\_PRO\_BCELL\_DN  
GSE17301\_CTRL\_VS\_48H\_ACD3\_ACD28\_IFNA5\_STIM\_CD8\_TCELL\_DN, GSE17301\_CTRL\_VS\_48H\_ACD3\_ACD28\_IFNA5\_STIM\_CD8\_TCELL\_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  
GSE15735\_2H\_VS\_12H\_HDAC\_INHIBITOR\_TREATED\_CD4\_TCELL\_DN, GSE15735\_2H\_VS\_12H\_HDAC\_INHIBITOR\_TREATED\_CD4\_TCELL\_DN  
GSE7852\_LN\_VS\_THYMUS\_TCONV\_DN, GSE7852\_LN\_VS\_THYMUS\_TCONV\_DN  
GSE17186\_NAIVE\_VS\_CD21LOW\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_DN, GSE17186\_NAIVE\_VS\_CD21LOW\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_DN  
GSE27241\_CTRL\_VS\_DIGOXIN\_TREATED\_RORGT\_KO\_CD4\_TCELL\_IN\_TH17\_POLARIZING\_CONDITIONS\_UP, GSE27241\_CTRL\_VS\_DIGOXIN\_TREATED\_RORGT\_KO\_CD4\_TCELL\_IN\_TH17\_POLARIZING\_CONDITIONS\_UP  
GSE17186\_CD21LOW\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_UP, GSE17186\_CD21LOW\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_UP  
GSE21063\_CTRL\_VS\_ANTLJGM\_STIM\_BCELL\_16H\_UP, GSE21063\_CTRL\_VS\_ANTLJGM\_STIM\_BCELL\_16H\_UP  
GSE17301\_CTRL\_VS\_48H\_ACD3\_ACD28\_IFNA2\_STIM\_CD8\_TCELL\_DN, GSE17301\_CTRL\_VS\_48H\_ACD3\_ACD28\_IFNA2\_STIM\_CD8\_TCELL\_DN  
GSE30962\_ACUTE\_VS\_CHRONIC\_LCMV\_SECONDARY\_INF\_CD8\_TCELL\_DN, GSE30962\_ACUTE\_VS\_CHRONIC\_LCMV\_SECONDARY\_INF\_CD8\_TCELL\_DN  
GSE3720\_VD1\_VS\_VD2\_GAMMADELTA\_TCELL\_WITH\_LPS\_STIM\_DN, GSE3720\_VD1\_VS\_VD2\_GAMMADELTA\_TCELL\_WITH\_LPS\_STIM\_DN  
GSE14415\_INDUCED\_VS\_NATURAL\_TREG\_DN, GSE14415\_INDUCED\_VS\_NATURAL\_TREG\_DN  
GSE22611\_NOD2\_VS\_CTRL\_TRANSDUCED\_HEK293T\_CELL\_UP, GSE22611\_NOD2\_VS\_CTRL\_TRANSDUCED\_HEK293T\_CELL\_UP  
GSE4984\_UNTREATED\_VS\_LPS\_TREATED\_DC\_DN, GSE4984\_UNTREATED\_VS\_LPS\_TREATED\_DC\_DN  
GSE19941\_IL10\_KO\_VS\_IL10\_KO\_AND\_NFKBP50\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_DN, GSE19941\_IL10\_KO\_VS\_IL10\_KO\_AND\_NFKBP50\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_DN  
GSE33292\_DN3\_THYMOCYTE\_VS\_TCELL\_LYMPHOMA\_FROM\_TCF1\_KO\_DN, GSE33292\_DN3\_THYMOCYTE\_VS\_TCELL\_LYMPHOMA\_FROM\_TCF1\_KO\_DN  
GSE5589\_WT\_VS\_IL10\_KO\_LPS\_STIM\_MACROPHAGE\_45MIN\_UP, GSE5589\_WT\_VS\_IL10\_KO\_LPS\_STIM\_MACROPHAGE\_45MIN\_UP  
GSE20754\_WT\_VS\_TCF1\_KO\_MEMORY\_CD8\_TCELL\_DN, GSE20754\_WT\_VS\_TCF1\_KO\_MEMORY\_CD8\_TCELL\_DN  
GSE29949\_CD8\_POS\_DC\_SPLEEN\_VS\_DC\_BRAIN\_UP, GSE29949\_CD8\_POS\_DC\_SPLEEN\_VS\_DC\_BRAIN\_UP  
GSE17301\_ACD3\_ACD28\_VS\_ACD3\_ACD28\_AND\_IFNA5\_STIM\_CD8\_TCELL\_UP, GSE17301\_ACD3\_ACD28\_VS\_ACD3\_ACD28\_AND\_IFNA5\_STIM\_CD8\_TCELL\_UP  
GSE24142\_EARLY\_THYMIC\_PROGENITOR\_VS\_DN2\_THYMOCYTE\_ADULT\_DN, GSE24142\_EARLY\_THYMIC\_PROGENITOR\_VS\_DN2\_THYMOCYTE\_ADULT\_DN  
GSE17812\_WT\_VS\_THPOK\_KO\_MEMORY\_CD8\_TCELL\_DN, GSE17812\_WT\_VS\_THPOK\_KO\_MEMORY\_CD8\_TCELL\_DN  
GSE21033\_3H\_VS\_24H\_POLYIC\_STIM\_DC\_DN, GSE21033\_3H\_VS\_24H\_POLYIC\_STIM\_DC\_DN  
GSE45365\_HEALTHY\_VS\_MCMV\_INFECTION\_CD11B\_DC\_IFNAR\_KO\_DN, GSE45365\_HEALTHY\_VS\_MCMV\_INFECTION\_CD11B\_DC\_IFNAR\_KO\_DN  
GSE27241\_WT\_VS\_RORGT\_KO\_TH17\_POLARIZED\_CD4\_TCELL\_UP, GSE27241\_WT\_VS\_RORGT\_KO\_TH17\_POLARIZED\_CD4\_TCELL\_UP  
GSE32986\_GMCSF\_VS\_GMCSF\_AND\_CURDLAN\_LOWDOSE\_STIM\_DC\_UP, GSE32986\_GMCSF\_VS\_GMCSF\_AND\_CURDLAN\_LOWDOSE\_STIM\_DC\_UP  
GSE3982\_DC\_VS\_TH2\_DN, GSE3982\_DC\_VS\_TH2\_DN  
GSE25088\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_UP, GSE25088\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_UP  
GSE6674\_UNSTIM\_VS\_ANTLJGM\_AND\_CPG\_STIM\_BCELL\_UP, GSE6674\_UNSTIM\_VS\_ANTLJGM\_AND\_CPG\_STIM\_BCELL\_UP  
GSE5589\_WT\_VS\_IL6\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_45MIN\_UP, GSE5589\_WT\_VS\_IL6\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_45MIN\_UP  
GSE21546\_WT\_VS\_SAP1A\_KO\_AND\_ELK1\_KO\_ANTL\_CD3\_STIM\_DP\_THYMOCYTES\_DN, GSE21546\_WT\_VS\_SAP1A\_KO\_AND\_ELK1\_KO\_ANTL\_CD3\_STIM\_DP\_THYMOCYTES\_DN  
GSE45365\_WT\_VS\_IFNAR\_KO\_CD11B\_DC\_MCMV\_INFECTION\_DN, GSE45365\_WT\_VS\_IFNAR\_KO\_CD11B\_DC\_MCMV\_INFECTION\_DN  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_XBP1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_FOXP3\_VS\_FOXP3\_AND\_XBP1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP  
GSE17721\_12H\_VS\_24H\_GARDIQUIMOD\_BMDC\_UP, GSE17721\_12H\_VS\_24H\_GARDIQUIMOD\_BMDC\_UP  
GSE5542\_IFNG\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_UP, GSE5542\_IFNG\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_UP  
GSE17721\_LPS\_VS\_PAM3CSK4\_4H\_BMDC\_UP, GSE17721\_LPS\_VS\_PAM3CSK4\_4H\_BMDC\_UP  
GSE6674\_PL2\_3\_VS\_ANTLJGM\_AND\_CPG\_STIM\_BCELL\_UP, GSE6674\_PL2\_3\_VS\_ANTLJGM\_AND\_CPG\_STIM\_BCELL\_UP  
GSE32901\_NAIVE\_VS\_TH17\_NEG\_CD4\_TCELL\_UP, GSE32901\_NAIVE\_VS\_TH17\_NEG\_CD4\_TCELL\_UP  
GSE39556\_UNTREATED\_VS\_3H\_POLYIC\_INJ\_MOUSE\_NK\_CELL\_UP, GSE39556\_UNTREATED\_VS\_3H\_POLYIC\_INJ\_MOUSE\_NK\_CELL\_UP  
GSE21379\_WT\_VS\_SAP\_KO\_CD4\_TCELL\_DN, GSE21379\_WT\_VS\_SAP\_KO\_CD4\_TCELL\_DN  
GSE5503\_MLN\_DC\_VS\_PLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_UP, GSE5503\_MLN\_DC\_VS\_PLN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_UP  
GSE20727\_CTRL\_VS\_DNFB\_ALLERGEN\_TREATED\_DC\_UP, GSE20727\_CTRL\_VS\_DNFB\_ALLERGEN\_TREATED\_DC\_UP  
GSE24972\_WT\_VS\_IRF8\_KO\_SPLEEN\_FOLLICULAR\_BCELL\_DN, GSE24972\_WT\_VS\_IRF8\_KO\_SPLEEN\_FOLLICULAR\_BCELL\_DN  
GSE2405\_0H\_VS\_24H\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_DN, GSE2405\_0H\_VS\_24H\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_DN  
GSE29618\_BCELL\_VS\_MDC\_UP, GSE29618\_BCELL\_VS\_MDC\_UP  
GSE17301\_CTRL\_VS\_48H\_IFNA2\_STIM\_CD8\_TCELL\_DN, GSE17301\_CTRL\_VS\_48H\_IFNA2\_STIM\_CD8\_TCELL\_DN  
GSE9037\_WT\_VS\_IRAK4\_KO\_LPS\_1H\_STIM\_BMDM\_DN, GSE9037\_WT\_VS\_IRAK4\_KO\_LPS\_1H\_STIM\_BMDM\_DN  
VAN\_DEN\_BIGGELAAR\_PBMCM\_PREVNAR\_9MO\_INFANT\_STIMULATED\_VS\_UNSTIMULATED\_8MO\_UP, VAN\_DEN\_BIGGELAAR\_PBMCM\_PREVNAR\_9MO\_INFANT\_STIMULATED\_VS\_UNSTIMULATED\_8MO\_UP  
GSE2585\_THYMIC\_DC\_VS\_THYMIC\_MACROPHAGE\_DN, GSE2585\_THYMIC\_DC\_VS\_THYMIC\_MACROPHAGE\_DN  
GSE37301\_HEMATOPOIETIC\_STEM\_CELL\_VS\_LYMPHOID\_PRIMED\_MPP\_UP, GSE37301\_HEMATOPOIETIC\_STEM\_CELL\_VS\_LYMPHOID\_PRIMED\_MPP\_UP  
GSE16451\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_WEST\_EQUINE\_ENC\_VIRUS\_UP, GSE16451\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_WEST\_EQUINE\_ENC\_VIRUS\_UP  
TSANG\_PBMCM\_FLUVIRIN\_PANDEMRIX\_ADULT\_CORR\_WITH\_CELL\_FREQ\_CD27HI\_CD38HI\_CD20\_NEG\_PLASMABLASTS\_AND\_CD38PLUS\_OF\_IGD\_CD27PLUS\_MEM\_B\_CELLS\_7DY\_POSITIVE, TSANG\_PBMCM\_FLUVIRIN\_PANDEMRIX\_ADULT\_CORR\_WITH\_CELL\_FREQ\_CD27HI\_CD38HI\_CD20\_NEG\_PLASMABLASTS\_AND\_CD38PLUS\_OF\_IGD\_CD27PLUS\_MEM\_B\_CELLS\_7DY\_POSITIVE  
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  
GSE21670\_TGFB\_VS\_TGFB\_AND\_IL6\_TREATED\_CD4\_TCELL\_UP, GSE21670\_TGFB\_VS\_TGFB\_AND\_IL6\_TREATED\_CD4\_TCELL\_UP  
GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_2H\_DN, GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_2H\_DN  
GSE6259\_FLT3L\_INDUCED\_DEC205\_POS\_DC\_VS\_BCELL\_DN, GSE6259\_FLT3L\_INDUCED\_DEC205\_POS\_DC\_VS\_BCELL\_DN  
GSE9509\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_MACROPHAGE\_30MIN\_DN, GSE9509\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_MACROPHAGE\_30MIN\_DN  
GSE23505\_IL6\_IL1\_VS\_IL6\_IL1\_IL23\_TREATED\_CD4\_TCELL\_UP, GSE23505\_IL6\_IL1\_VS\_IL6\_IL1\_IL23\_TREATED\_CD4\_TCELL\_UP  
GSE13306\_TREG\_VS\_TCONV\_LAMINA\_PROPRIA\_UP, GSE13306\_TREG\_VS\_TCONV\_LAMINA\_PROPRIA\_UP  
GSE25088\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_DN, GSE25088\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_DN  
GSE19923\_WT\_VS\_E2A\_KO\_DP\_THYMOCYTE\_DN, GSE19923\_WT\_VS\_E2A\_KO\_DP\_THYMOCYTE\_DN  
HOEK\_NK\_CELL\_2011\_2012\_TIV\_7D\_VS\_0DY\_ADULT\_7D\_DN, HOEK\_NK\_CELL\_2011\_2012\_TIV\_7D\_VS\_0DY\_ADULT\_7D\_DN  
GSE7509\_UNSTIM\_VS\_FCGRIIB\_STIM\_DC\_UP, GSE7509\_UNSTIM\_VS\_FCGRIIB\_STIM\_DC\_UP  
GSE32901\_NAIVE\_VS\_TH17\_NEG\_CD4\_TCELL\_DN, GSE32901\_NAIVE\_VS\_TH17\_NEG\_CD4\_TCELL\_DN  
GSE6259\_33D1\_POS\_DC\_VS\_BCELL\_DN, GSE6259\_33D1\_POS\_DC\_VS\_BCELL\_DN  
GSE22935\_UNSTIM\_VS\_48H\_MBOVIS\_BCG\_STIM\_MACROPHAGE\_UP, GSE22935\_UNSTIM\_VS\_48H\_MBOVIS\_BCG\_STIM\_MACROPHAGE\_UP  
GSE19888\_ADENOSINE\_A3R\_ACT\_VS\_TCELL\_MEMBRANES\_ACT\_IN\_MAST\_CELL\_DN, GSE19888\_ADENOSINE\_A3R\_ACT\_VS\_TCELL\_MEMBRANES\_ACT\_IN\_MAST\_CELL\_DN  
CAO\_BLOOD\_FLUMIST\_AGE\_05\_14YO\_1DY\_DN, CAO\_BLOOD\_FLUMIST\_AGE\_05\_14YO\_1DY\_DN  
GSE46242\_TH1\_VS\_ANERGIC\_TH1\_CD4\_TCELL\_DN, GSE46242\_TH1\_VS\_ANERGIC\_TH1\_CD4\_TCELL\_DN  
HOEK\_T\_CELL\_2011\_2012\_TIV\_ADULT\_7DY\_UP, HOEK\_T\_CELL\_2011\_2012\_TIV\_ADULT\_7DY\_UP