

CMV\_SPECIFIC\_EXHAUSTED\_CD8\_TCELL\_DN, GSE9650\_GP33\_VS\_GP276\_LCMV\_SPECIFIC\_EXHAUSTED\_CD8\_TCELL\_DN

GSE33425\_CD161\_INT\_VS\_NEG\_CD8\_TCELL\_UP, GSE33425\_CD161\_INT\_VS\_NEG\_CD8\_TCELL\_UP  
GSE22935\_UNSTIM\_VS\_12H\_MBOVIS\_BCG\_STIM\_MACROPHAGE\_UP, GSE22935\_UNSTIM\_VS\_12H\_MBOVIS\_BCG\_STIM\_MACROPHAGE\_UP  
GSE17721\_4\_VS\_24H\_GARDIQUIMOD\_BMDC\_DN, GSE17721\_4\_VS\_24H\_GARDIQUIMOD\_BMDC\_DN  
GSE17721\_12H\_VS\_24H\_GARDIQUIMOD\_BMDC\_DN, GSE17721\_12H\_VS\_24H\_GARDIQUIMOD\_BMDC\_DN  
GSE37532\_VISCERAL\_ADIPOSE\_TISSUE\_VS\_LN\_DERIVED\_PPARG\_KO\_TREG\_CD4\_TCELL\_UP, GSE37532\_VISCERAL\_ADIPOSE\_TISSUE\_VS\_LN\_DERIVED\_PPARG\_KO\_TREG\_CD4\_TCELL\_UP  
GSE14000\_TRANSLATED\_RNA\_VS\_MRNA\_16H\_LPS\_DC\_DN, GSE14000\_TRANSLATED\_RNA\_VS\_MRNA\_16H\_LPS\_DC\_DN  
GSE21670\_STAT3\_KO\_VS\_WT\_CD4\_TCELL\_TGFB\_IL6\_TREATED\_UP, GSE21670\_STAT3\_KO\_VS\_WT\_CD4\_TCELL\_TGFB\_IL6\_TREATED\_UP  
GSE2770\_IL12\_ACT\_VS\_ACT\_CD4\_TCELL\_6H\_UP, GSE2770\_IL12\_ACT\_VS\_ACT\_CD4\_TCELL\_6H\_UP  
GSE23568\_ID3\_TRANSDUCED\_VS\_ID3\_KO\_CD8\_TCELL\_DN, GSE23568\_ID3\_TRANSDUCED\_VS\_ID3\_KO\_CD8\_TCELL\_DN  
GSE19923\_WT\_VS\_HEB\_KO\_DP\_THYMOCYTE\_DN, GSE19923\_WT\_VS\_HEB\_KO\_DP\_THYMOCYTE\_DN  
GSE36888\_STAT5\_AB\_KNOCKIN\_VS\_WT\_TCELL\_IL2\_TREATED\_6H\_DN, GSE36888\_STAT5\_AB\_KNOCKIN\_VS\_WT\_TCELL\_IL2\_TREATED\_6H\_DN  
GSE17721\_12H\_VS\_24H\_LPS\_BMDC\_DN, GSE17721\_12H\_VS\_24H\_LPS\_BMDC\_DN  
GSE17721\_LPS\_VS\_POLYIC\_24H\_BMDC\_UP, GSE17721\_LPS\_VS\_POLYIC\_24H\_BMDC\_UP  
GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_DN, GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_DN  
GSE17721\_LPS\_VS\_GARDIQUIMOD\_2H\_BMDC\_DN, GSE17721\_LPS\_VS\_GARDIQUIMOD\_2H\_BMDC\_DN  
GSE19923\_HEB\_KO\_VS\_HEB\_AND\_E2A\_KO\_DP\_THYMOCYTE\_UP, GSE19923\_HEB\_KO\_VS\_HEB\_AND\_E2A\_KO\_DP\_THYMOCYTE\_UP  
GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_4MONTH\_POST\_DX\_PPMC\_UP, GSE9006\_TYPE\_1\_DIABETES\_AT\_DX\_VS\_4MONTH\_POST\_DX\_PPMC\_UP  
GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_24H\_BMDC\_DN, GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_24H\_BMDC\_DN  
GSE5503\_PLN\_DC\_VS\_SPLEEN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN, GSE5503\_PLN\_DC\_VS\_SPLEEN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN  
GSE17721\_LPS\_VS\_CPG\_0.5H\_BMDC\_UP, GSE17721\_LPS\_VS\_CPG\_0.5H\_BMDC\_UP  
GSE19198\_CTRL\_VS\_IL21\_TREATED\_TCELL\_6H\_DN, GSE19198\_CTRL\_VS\_IL21\_TREATED\_TCELL\_6H\_DN  
GSE19888\_ADENOSINE\_A3R\_INH\_PRETREAT\_AND\_ACT\_BY\_A3R\_VS\_A3R\_INH\_AND\_TCELL\_MEMBRANES\_ACT\_MAST\_CELL\_DN, GSE19888\_ADENOSINE\_A3R\_INH\_PRETREAT\_AND\_ACT\_BY\_A3R\_VS\_A3R\_INH\_AND\_TCELL\_MEMBRANES\_ACT\_MAST\_CELL\_DN  
GSE7852\_THYMUS\_VS\_FAT\_TCONV\_DN, GSE7852\_THYMUS\_VS\_FAT\_TCONV\_DN  
GSE13547\_WT\_VS\_ZFX\_KO\_BCELL\_UP, GSE13547\_WT\_VS\_ZFX\_KO\_BCELL\_UP  
GSE27434\_WT\_VS\_DNMT1\_KO\_TREG\_DN, GSE27434\_WT\_VS\_DNMT1\_KO\_TREG\_DN  
GSE37301\_RAG2\_KO\_VS\_RAG2\_AND\_ETS1\_KO\_NK\_CELL\_DN, GSE37301\_RAG2\_KO\_VS\_RAG2\_AND\_ETS1\_KO\_NK\_CELL\_DN  
GSE23502\_WT\_VS\_HDC\_KO\_MYELOID\_DERIVED\_SUPPRESSOR\_CELL\_BM\_DN, GSE23502\_WT\_VS\_HDC\_KO\_MYELOID\_DERIVED\_SUPPRESSOR\_CELL\_BM\_DN  
GSE1448\_ANTL\_VALPHA2\_VS\_VBETA5\_DP\_THYMOCYTE\_UP, GSE1448\_ANTL\_VALPHA2\_VS\_VBETA5\_DP\_THYMOCYTE\_UP  
GSE14415\_INDUCED\_VS\_NATURAL\_TREG\_UP, GSE14415\_INDUCED\_VS\_NATURAL\_TREG\_UP  
GSE17721\_CPG\_VS\_GARDIQUIMOD\_24H\_BMDC\_DN, GSE17721\_CPG\_VS\_GARDIQUIMOD\_24H\_BMDC\_DN  
GSE45365\_HEALTHY\_VS\_MCMV\_INFECTION\_CD8A\_DC\_DN, GSE45365\_HEALTHY\_VS\_MCMV\_INFECTION\_CD8A\_DC\_DN  
GSE17721\_PAM3CSK4\_VS\_CPG\_1H\_BMDC\_UP, GSE17721\_PAM3CSK4\_VS\_CPG\_1H\_BMDC\_UP  
GSE14308\_INDUCED\_VS\_NATURAL\_TREG\_UP, GSE14308\_INDUCED\_VS\_NATURAL\_TREG\_UP  
GSE13887\_RESTING\_VS\_ACT\_CD4\_TCELL\_DN, GSE13887\_RESTING\_VS\_ACT\_CD4\_TCELL\_DN  
GSE14415\_INDUCED\_TREG\_VS\_TCONV\_DN, GSE14415\_INDUCED\_TREG\_VS\_TCONV\_DN  
GSE17721\_12H\_VS\_24H\_GARDIQUIMOD\_BMDC\_UP, GSE17721\_12H\_VS\_24H\_GARDIQUIMOD\_BMDC\_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  
GSE14699\_NAIVE\_VS\_DELETIONAL\_TOLERANCE\_CD8\_TCELL\_DN, GSE14699\_NAIVE\_VS\_DELETIONAL\_TOLERANCE\_CD8\_TCELL\_DN  
GSE360\_CTRL\_VS\_B\_MALAYI\_HIGH\_DOSE\_MAC\_UP, GSE360\_CTRL\_VS\_B\_MALAYI\_HIGH\_DOSE\_MAC\_UP  
GSE1448\_CTRL\_VS\_ANTL\_VBETA5\_DP\_THYMOCYTE\_UP, GSE1448\_CTRL\_VS\_ANTL\_VBETA5\_DP\_THYMOCYTE\_UP  
GSE360\_CTRL\_VS\_B\_MALAYI\_LOW\_DOSE\_MAC\_DN, GSE360\_CTRL\_VS\_B\_MALAYI\_LOW\_DOSE\_MAC\_DN  
GSE14350\_IL2RB\_KO\_VS\_WT\_TREG\_DN, GSE14350\_IL2RB\_KO\_VS\_WT\_TREG\_DN  
GSE360\_L\_DONOVANI\_VS\_B\_MALAYI\_HIGH\_DOSE\_MAC\_DN, GSE360\_L\_DONOVANI\_VS\_B\_MALAYI\_HIGH\_DOSE\_MAC\_DN  
GSE24142\_EARLY\_THYMIC\_PROGENITOR\_VS\_DN3\_THYMOCYTE\_ADULT\_DN, GSE24142\_EARLY\_THYMIC\_PROGENITOR\_VS\_DN3\_THYMOCYTE\_ADULT\_DN  
GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_20H\_UP, GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_20H\_UP  
GSE25147\_UNSTIM\_VS\_HELIOBACTER\_PYLORI\_LPS\_STIM\_MKN45\_CELL\_UP, GSE25147\_UNSTIM\_VS\_HELIOBACTER\_PYLORI\_LPS\_STIM\_MKN45\_CELL\_UP  
GSE24142\_EARLY\_THYMIC\_PROGENITOR\_VS\_DN3\_THYMOCYTE\_DN, GSE24142\_EARLY\_THYMIC\_PROGENITOR\_VS\_DN3\_THYMOCYTE\_DN  
GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_GRAN\_MONO\_PROGENITOR\_UP, GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_GRAN\_MONO\_PROGENITOR\_UP  
GSE42021\_TCONV\_PLN\_VS\_CD24INT\_TCONV\_THYMUS\_UP, GSE42021\_TCONV\_PLN\_VS\_CD24INT\_TCONV\_THYMUS\_UP  
GSE43955\_10H\_VS\_60H\_ACT\_CD4\_TCELL\_DN, GSE43955\_10H\_VS\_60H\_ACT\_CD4\_TCELL\_DN  
GSE24142\_DN2\_VS\_DN3\_THYMOCYTE\_ADULT\_DN, GSE24142\_DN2\_VS\_DN3\_THYMOCYTE\_ADULT\_DN  
GSE25890\_CTRL\_VS\_IL33\_IL7\_TREATED\_NUOCYTES\_UP, GSE25890\_CTRL\_VS\_IL33\_IL7\_TREATED\_NUOCYTES\_UP  
GSE7831\_1H\_VS\_4H\_INFLUENZA\_STIM\_PDC\_DN, GSE7831\_1H\_VS\_4H\_INFLUENZA\_STIM\_PDC\_DN  
GSE24574\_BCL6\_LOW\_TFH\_VS\_NAIVE\_CD4\_TCELL\_UP, GSE24574\_BCL6\_LOW\_TFH\_VS\_NAIVE\_CD4\_TCELL\_UP  
GSE17721\_CTRL\_VS\_PAM3CSK4\_4H\_BMDC\_DN, GSE17721\_CTRL\_VS\_PAM3CSK4\_4H\_BMDC\_DN  
GSE17721\_LPS\_VS\_GARDIQUIMOD\_2H\_BMDC\_UP, GSE17721\_LPS\_VS\_GARDIQUIMOD\_2H\_BMDC\_UP  
GSE22886\_IGA\_VS\_IGM\_MEMORY\_BCELL\_UP, GSE22886\_IGA\_VS\_IGM\_MEMORY\_BCELL\_UP  
GSE28783\_ANTL\_MIR33\_VS\_CTRL\_ATHEROSCLEROSIS\_MACROPHAGE\_DN, GSE28783\_ANTL\_MIR33\_VS\_CTRL\_ATHEROSCLEROSIS\_MACROPHAGE\_DN  
GSE29618\_LAIV\_VS\_TIV\_FLU\_VACCINE\_DAY7\_MONOCYTE\_DN, GSE29618\_LAIV\_VS\_TIV\_FLU\_VACCINE\_DAY7\_MONOCYTE\_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  
HIPC\_SIGNATURES\_PROJECT\_PPMC\_TRIVALENT\_INFLUENZA\_VACCINE\_HIGH\_RESPONDERS\_VS\_LOW\_RESPONDERS\_YOUNGER\_ADULTS\_21\_35\_HIGH\_RESPONDERS\_0D\_UP, HIPC\_SIGNATURES\_PROJECT\_PPMC\_TRIVALENT\_INFLUENZA\_VACCINE\_HIGH\_RESPONDERS\_VS\_LOW\_RESPONDERS\_YOUNGER\_ADULTS\_21\_35\_HIGH\_RESPONDERS\_0D\_UP  
GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_4H\_BMDC\_UP, GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_4H\_BMDC\_UP  
GSE3982\_CTRL\_VS\_LPS\_1H\_NEUTROPHIL\_DN, GSE3982\_CTRL\_VS\_LPS\_1H\_NEUTROPHIL\_DN  
GARCIA\_PINERES\_PPMC\_HPV\_16\_L1\_VLP\_AGE\_18\_25YO\_12MO\_CORRELATED\_WITH\_ANTIBODY\_RESPONSE\_NEGATIVE, GARCIA\_PINERES\_PPMC\_HPV\_16\_L1\_VLP\_AGE\_18\_25YO\_12MO\_CORRELATED\_WITH\_ANTIBODY\_RESPONSE\_NEGATIVE  
SCHERER\_PPMC\_APSV\_WETVAX\_AGE\_18\_32YO\_2\_TO\_4DY\_UP, SCHERER\_PPMC\_APSV\_WETVAX\_AGE\_18\_32YO\_2\_TO\_4DY\_UP  
GSE43955\_1H\_VS\_20H\_ACT\_CD4\_TCELL\_DN, GSE43955\_1H\_VS\_20H\_ACT\_CD4\_TCELL\_DN  
DHIMAN\_PPMC\_ATTENUVAX\_AGE\_15\_25YO\_SUBQ\_7\_OR\_14DY\_UP, DHIMAN\_PPMC\_ATTENUVAX\_AGE\_15\_25YO\_SUBQ\_7\_OR\_14DY\_UP  
HOEK\_T\_CELL\_2011\_2012\_TIV\_ADULT\_3DY\_UP, HOEK\_T\_CELL\_2011\_2012\_TIV\_ADULT\_3DY\_UP  
GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_PRO\_BCELL\_DN, GSE37301\_LYMPHOID\_PRIMED\_MPP\_VS\_PRO\_BCELL\_DN