

GSE27786\_LIN\_NEG\_VS\_MONO\_MAC\_UP, GSE27786\_LIN\_VS\_MONO\_MAC\_UP  
GSE27786\_LSK\_VS\_MONO\_MAC\_UP, GSE27786\_LSK\_VS\_MONO\_MAC\_UP  
GSE46606\_IRF4HIGH\_VS\_IRF4MID\_CD40L\_IL2\_IL5\_DAY3\_STIMULATED\_BCELL\_UP, GSE46606\_IRF4HIGH\_VS\_IRF4MID\_CD40L\_IL2\_IL5\_DAY3\_STIMULATED\_BCELL\_UP  
GSE27786\_ERYTHROBLAST\_VS\_MONO\_MAC\_DN, GSE27786\_ERYTHROBLAST\_VS\_MONO\_MAC\_DN  
GSE9960\_GRAM\_POS\_VS\_GRAM\_NEG\_AND\_POS\_SEPSIS\_PBMIC\_UP, GSE9960\_GRAM\_POS\_VS\_GRAM\_NEG\_AND\_POS\_SEPSIS\_PBMIC\_UP  
GSE27786\_LSK\_VS\_ERYTHROBLAST\_UP, GSE27786\_LSK\_VS\_ERYTHROBLAST\_UP  
GSE27786\_CD8\_TCELL\_VS\_ERYTHROBLAST\_UP, GSE27786\_CD8\_TCELL\_VS\_ERYTHROBLAST\_UP  
GSE27786\_NKCELL\_VS\_MONO\_MAC\_UP, GSE27786\_NKCELL\_VS\_MONO\_MAC\_UP  
GSE27786\_CD8\_TCELL\_VS\_MONO\_MAC\_UP, GSE27786\_CD8\_TCELL\_VS\_MONO\_MAC\_UP  
GSE27786\_BCELL\_VS\_ERYTHROBLAST\_UP, GSE27786\_BCELL\_VS\_ERYTHROBLAST\_UP  
GSE27786\_NKTCELL\_VS\_MONO\_MAC\_UP, GSE27786\_NKTCELL\_VS\_MONO\_MAC\_UP  
GSE39022\_LN\_VS\_SPLEEN\_DC\_DN, GSE39022\_LN\_VS\_SPLEEN\_DC\_DN  
GSE27786\_CD4\_TCELL\_VS\_NEUTROPHIL\_UP, GSE27786\_CD4\_TCELL\_VS\_NEUTROPHIL\_UP  
GSE27786\_CD4\_TCELL\_VS\_MONO\_MAC\_UP, GSE27786\_CD4\_TCELL\_VS\_MONO\_MAC\_UP  
GSE27786\_CD4\_TCELL\_VS\_ERYTHROBLAST\_UP, GSE27786\_CD4\_TCELL\_VS\_ERYTHROBLAST\_UP  
GSE17721\_LPS\_VS\_CPG\_1H\_BMDC\_UP, GSE17721\_LPS\_VS\_CPG\_1H\_BMDC\_UP  
GSE20198\_UNTREATED\_VS\_IFNA\_TREATED\_ACT\_CD4\_TCELL\_DN, GSE20198\_UNTREATED\_VS\_IFNA\_TREATED\_ACT\_CD4\_TCELL\_DN  
GSE27786\_CD8\_TCELL\_VS\_NEUTROPHIL\_UP, GSE27786\_CD8\_TCELL\_VS\_NEUTROPHIL\_UP  
GSE6674\_UNSTIM\_VS\_ANTI\_IGM\_STIM\_BCELL\_UP, GSE6674\_UNSTIM\_VS\_ANTI\_IGM\_STIM\_BCELL\_UP  
GSE17186\_NAIVE\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_UP, GSE17186\_NAIVE\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_UP  
GSE27786\_LSK\_VS\_NEUTROPHIL\_UP, GSE27786\_LSK\_VS\_NEUTROPHIL\_UP  
GSE42724\_B1\_BCELL\_VS\_PLASMABLAST\_DN, GSE42724\_B1\_BCELL\_VS\_PLASMABLAST\_DN  
GSE16385\_ROSIGLITAZONE\_IL4\_VS\_ROSIGLITAZONE\_ALONE\_STIM\_MACROPHAGE\_DN, GSE16385\_ROSIGLITAZONE\_IL4\_VS\_ROSIGLITAZONE\_ALONE\_STIM\_MACROPHAGE\_DN  
GSE41867\_NAIVE\_VS\_DAY30\_LCMV\_CLONE13\_EXHAUSTED\_CD8\_TCELL\_DN, GSE41867\_NAIVE\_VS\_DAY30\_LCMV\_CLONE13\_EXHAUSTED\_CD8\_TCELL\_DN  
GSE11924\_TFH\_VS\_TH17\_CD4\_TCELL\_UP, GSE11924\_TFH\_VS\_TH17\_CD4\_TCELL\_UP  
GSE27786\_NKCELL\_VS\_ERYTHROBLAST\_UP, GSE27786\_NKCELL\_VS\_ERYTHROBLAST\_UP  
GSE11864\_CSF1\_VS\_CSF1\_IFNG\_PAM3CYS\_IN\_MAC\_UP, GSE11864\_CSF1\_VS\_CSF1\_IFNG\_PAM3CYS\_IN\_MAC\_UP  
GSE27786\_LIN\_NEG\_VS\_NKCELL\_UP, GSE27786\_LIN\_NEG\_VS\_NKCELL\_UP  
GSE27786\_LIN\_NEG\_VS\_BCELL\_DN, GSE27786\_LIN\_NEG\_VS\_BCELL\_DN  
GSE27786\_LIN\_NEG\_VS\_CD8\_TCELL\_DN, GSE27786\_LIN\_NEG\_VS\_CD8\_TCELL\_DN  
GSE5503\_LIVER\_DC\_VS\_SPLEEN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN, GSE5503\_LIVER\_DC\_VS\_SPLEEN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN  
GSE20198\_IL12\_IL18\_VS\_IFNA\_TREATED\_ACT\_CD4\_TCELL\_DN, GSE20198\_IL12\_IL18\_VS\_IFNA\_TREATED\_ACT\_CD4\_TCELL\_DN  
GSE2128\_C57BL6\_VS\_NOD\_THYMOCYTE\_MIMETOPE\_NEGATIVE\_SELECTION\_DN, GSE2128\_C57BL6\_VS\_NOD\_THYMOCYTE\_MIMETOPE\_NEGATIVE\_SELECTION\_DN  
GSE27786\_BCELL\_VS\_NKCELL\_UP, GSE27786\_BCELL\_VS\_NKCELL\_UP  
GSE23568\_CTRL\_VS\_ID3\_TRANSDUCED\_CD8\_TCELL\_UP, GSE23568\_CTRL\_VS\_ID3\_TRANSDUCED\_CD8\_TCELL\_UP  
GSE8621\_UNSTIM\_VS\_LPS\_PRIMED\_UNSTIM\_MACROPHAGE\_DN, GSE8621\_UNSTIM\_VS\_LPS\_PRIMED\_UNSTIM\_MACROPHAGE\_DN  
GSE43863\_TFH\_VS\_LY6C\_INT\_CXCR5POS\_EFFECTOR\_CD4\_TCELL\_UP, GSE43863\_TFH\_VS\_LY6C\_INT\_CXCR5POS\_EFFECTOR\_CD4\_TCELL\_UP  
GSE23984\_CTRL\_VS\_HYPOCALEMIC\_VITAMIND\_ANALOG\_TCELL\_DN, GSE23984\_CTRL\_VS\_HYPOCALEMIC\_VITAMIND\_ANALOG\_TCELL\_DN  
GSE22589\_HEALTHY\_VS\_SIV\_INFECTED\_DC\_UP, GSE22589\_HEALTHY\_VS\_SIV\_INFECTED\_DC\_UP  
GSE26669\_CTRL\_VS\_COSTIM\_BLOCK\_MLR\_CD8\_TCELL\_DN, GSE26669\_CTRL\_VS\_COSTIM\_BLOCK\_MLR\_CD8\_TCELL\_DN  
GSE8685\_IL2\_ACT\_IL2\_STARVED\_VS\_IL15\_ACT\_IL2\_STARVED\_CD4\_TCELL\_DN, GSE8685\_IL2\_ACT\_IL2\_STARVED\_VS\_IL15\_ACT\_IL2\_STARVED\_CD4\_TCELL\_DN  
GSE14308\_TH1\_VS\_INDUCED\_TREG\_UP, GSE14308\_TH1\_VS\_INDUCED\_TREG\_UP  
GSE27786\_BCELL\_VS\_NKTCELL\_UP, GSE27786\_BCELL\_VS\_NKTCELL\_UP  
GSE14308\_TH2\_VS\_TH17\_DN, GSE14308\_TH2\_VS\_TH17\_DN  
GSE3720\_VD1\_VS\_VD2\_GAMMADELTA\_TCELL\_WITH\_LPS\_STIM\_UP, GSE3720\_VD1\_VS\_VD2\_GAMMADELTA\_TCELL\_WITH\_LPS\_STIM\_UP  
GSE11961\_FOLLICULAR\_BCELL\_VS\_MEMORY\_BCELL\_DAY7\_DN, GSE11961\_FOLLICULAR\_BCELL\_VS\_MEMORY\_BCELL\_DAY7\_DN  
GSE20715\_WT\_VS\_TLR4\_KO\_6H\_OZONE\_LUNG\_DN, GSE20715\_WT\_VS\_TLR4\_KO\_6H\_OZONE\_LUNG\_DN  
GSE23505\_IL6\_IL1\_VS\_IL6\_IL1\_TGFB\_TREATED\_CD4\_TCELL\_UP, GSE23505\_IL6\_IL1\_VS\_IL6\_IL1\_TGFB\_TREATED\_CD4\_TCELL\_UP  
GSE14308\_TH17\_VS\_NAIVE\_CD4\_TCELL\_DN, GSE14308\_TH17\_VS\_NAIVE\_CD4\_TCELL\_DN  
GSE40685\_NAIVE\_CD4\_TCELL\_VS\_FOXP3\_KO\_TREG\_PRECURSOR\_UP, GSE40685\_NAIVE\_CD4\_TCELL\_VS\_FOXP3\_KO\_TREG\_PRECURSOR\_UP  
GSE14308\_TH2\_VS\_NATURAL\_TREG\_DN, GSE14308\_TH2\_VS\_NATURAL\_TREG\_DN  
GSE1791\_CTRL\_VS\_NEUROMEDINU\_IN\_T\_CELL\_LINE\_3H\_DN, GSE1791\_CTRL\_VS\_NEUROMEDINU\_IN\_T\_CELL\_LINE\_3H\_DN  
GSE4748\_CTRL\_VS\_CYANOBACTERIUM\_LPRLIKE\_STIM\_DC\_1H\_UP, GSE4748\_CTRL\_VS\_CYANOBACTERIUM\_LPRLIKE\_STIM\_DC\_1H\_UP  
GSE21033\_1H\_VS\_12H\_POLYIC\_STIM\_DC\_DN, GSE21033\_1H\_VS\_12H\_POLYIC\_STIM\_DC\_DN  
GSE19401\_PLN\_VS\_Peyers\_PATCH\_FOLLICULAR\_DC\_UP, GSE19401\_PLN\_VS\_Peyers\_PATCH\_FOLLICULAR\_DC\_UP  
GSE42021\_TCONV\_PLN\_VS\_CD24INT\_TCONV\_THYMUS\_UP, GSE42021\_TCONV\_PLN\_VS\_CD24INT\_TCONV\_THYMUS\_UP  
GSE14026\_TH1\_VS\_TH17\_DN, GSE14026\_TH1\_VS\_TH17\_DN  
GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_2H\_DN, GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_2H\_DN  
GSE32901\_TH1\_VS\_TH17\_ENRICHED\_CD4\_TCELL\_DN, GSE32901\_TH1\_VS\_TH17\_ENRICHED\_CD4\_TCELL\_DN  
GSE36527\_CD62L\_HIGH\_CD69\_NEG\_VS\_CD62L\_LOW\_CD69\_POS\_TREG\_KLRG1\_NEG\_UP, GSE36527\_CD62L\_HIGH\_CD69\_NEG\_VS\_CD62L\_LOW\_CD69\_POS\_TREG\_KLRG1\_NEG\_UP  
GSE5099\_UNSTIM\_VS\_MCSF\_TREATED\_MONOCYTE\_DAY7\_DN, GSE5099\_UNSTIM\_VS\_MCSF\_TREATED\_MONOCYTE\_DAY7\_DN  
GSE26669\_CTRL\_VS\_COSTIM\_BLOCK\_MLR\_CD4\_TCELL\_DN, GSE26669\_CTRL\_VS\_COSTIM\_BLOCK\_MLR\_CD4\_TCELL\_DN  
GSE19888\_CTRL\_VS\_A3R\_ACTIVATION\_MAST\_CELL\_UP, GSE19888\_CTRL\_VS\_A3R\_ACTIVATION\_MAST\_CELL\_UP  
GSE6259\_BCELL\_VS\_CD4\_TCELL\_UP, GSE6259\_BCELL\_VS\_CD4\_TCELL\_UP  
GSE4984\_UNTREATED\_VS\_VEHICLE\_CTRL\_TREATED\_DC\_DN, GSE4984\_UNTREATED\_VS\_VEHICLE\_CTRL\_TREATED\_DC\_DN  
GSE27786\_NKCELL\_VS\_NKTCELL\_DN, GSE27786\_NKCELL\_VS\_NKTCELL\_DN  
GSE2706\_LPS\_VS\_R848\_AND\_LPS\_8H\_STIM\_DC\_DN, GSE2706\_LPS\_VS\_R848\_AND\_LPS\_8H\_STIM\_DC\_DN  
GSE13229\_MATURE\_VS\_IMMATURE\_NKCELL\_UP, GSE13229\_MATURE\_VS\_IMMATURE\_NKCELL\_UP  
OVSYANNIKOVA\_PBMIC\_FLUARIX\_AGE\_50\_74YO\_COMMON\_WITH\_BOTH\_HAL\_AND\_VNA\_28DY\_VS\_3DY\_USED\_IN\_HAL\_AND\_VNA\_RESPONSE\_MODELS\_UP, OVSYANNIKOVA\_PBMIC\_FLUARIX\_AGE\_50\_74YO\_COMMON\_WITH\_BOTH\_HAL\_AND\_VNA\_28DY\_VS\_3DY\_USED\_IN\_HAL\_AND\_VNA\_RESPONSE\_MODELS\_UP  
GSE21546\_WT\_VS\_SAP1A\_KO\_AND\_ELK1\_KO\_ANTI\_CD3\_STIM\_DP\_THYMOCYTES\_UP, GSE21546\_WT\_VS\_SAP1A\_KO\_AND\_ELK1\_KO\_ANTI\_CD3\_STIM\_DP\_THYMOCYTES\_UP  
GSE29615\_CTRL\_VS\_LAIV\_FLU\_VACCINE\_PBMIC\_DN, GSE29615\_CTRL\_VS\_LAIV\_FLU\_VACCINE\_PBMIC\_DN  
GSE20366\_TREG\_VS\_NAIVE\_CD4\_TCELL\_DN, GSE20366\_TREG\_VS\_NAIVE\_CD4\_TCELL\_DN  
GSE3982\_CTRL\_VS\_LPS\_48H\_DC\_UP, GSE3982\_CTRL\_VS\_LPS\_48H\_DC\_UP  
GSE23114\_PERITONEAL\_CAVITY\_B1A\_BCELL\_VS\_SPLEEN\_BCELL\_UP, GSE23114\_PERITONEAL\_CAVITY\_B1A\_BCELL\_VS\_SPLEEN\_BCELL\_UP  
GSE14350\_TREG\_VS\_Teff\_DN, GSE14350\_TREG\_VS\_Teff\_DN  
GSE25890\_CTRL\_VS\_IL33\_IL7\_TREATED\_NUOCYTES\_UP, GSE25890\_CTRL\_VS\_IL33\_IL7\_TREATED\_NUOCYTES\_UP  
GSE34205\_RSV\_VS\_FLU\_INF\_INFANT\_PBMIC\_UP, GSE34205\_RSV\_VS\_FLU\_INF\_INFANT\_PBMIC\_UP  
GSE20366\_CD103\_POS\_VS\_NEG\_TREG\_KLRG1NEG\_UP, GSE20366\_CD103\_POS\_VS\_NEG\_TREG\_KLRG1NEG\_UP  
GSE18791\_UNSTIM\_VS\_NEWCATSLE\_VIRUS\_DC\_18H\_DN, GSE18791\_UNSTIM\_VS\_NEWCATSLE\_VIRUS\_DC\_18H\_DN  
GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_60H\_UP, GSE43955\_TH0\_VS\_TGFB\_IL6\_TH17\_ACT\_CD4\_TCELL\_60H\_UP  
GSE20715\_WT\_VS\_TLR4\_KO\_24H\_OZONE\_LUNG\_UP, GSE20715\_WT\_VS\_TLR4\_KO\_24H\_OZONE\_LUNG\_UP  
GSE29614\_CTRL\_VS\_TIV\_FLU\_VACCINE\_PBMIC\_2007\_DN, GSE29614\_CTRL\_VS\_TIV\_FLU\_VACCINE\_PBMIC\_2007\_DN  
GSE2128\_CTRL\_VS\_MIMETOPE\_NEGATIVE\_SELECTION\_DP\_THYMOCYTE\_NOD\_DN, GSE2128\_CTRL\_VS\_MIMETOPE\_NEGATIVE\_SELECTION\_DP\_THYMOCYTE\_NOD\_DN  
GSE16385\_UNTREATED\_VS\_12H\_ROSIGLITAZONE\_IFNG\_TNF\_TREATED\_MACROPHAGE\_DN, GSE16385\_UNTREATED\_VS\_12H\_ROSIGLITAZONE\_IFNG\_TNF\_TREATED\_MACROPHAGE\_DN  
GSE16385\_IFNG\_TNF\_VS\_IL4\_STIM\_MACROPHAGE\_DN, GSE16385\_IFNG\_TNF\_VS\_IL4\_STIM\_MACROPHAGE\_DN  
GSE13306\_LAMINA\_PROPRIA\_VS\_SPLEEN\_TREG\_DN, GSE13