

NB\_TREATED\_ENDOTHELIAL\_CELL\_DN, GSE3920\_UNTREATED\_VS\_IFNB\_TREATED\_ENDOTHELIAL\_CELL\_DN

GSE3920\_UNTREATED\_VS\_IFNB\_TREATED\_ENDOTHELIAL\_CELL\_DN, GSE3920\_UNTREATED\_VS\_IFNB\_TREATED\_ENDOTHELIAL\_CELL\_DN  
GSE3920\_IFNB\_VS\_IFNG\_TREATED\_ENDOTHELIAL\_CELL\_DN, GSE3920\_IFNB\_VS\_IFNG\_TREATED\_ENDOTHELIAL\_CELL\_DN  
GSE42021\_TREG\_VS\_TCONV\_PLN\_UP, GSE42021\_TREG\_VS\_TCONV\_PLN\_UP  
GSE30083\_SP1\_VS\_SP4\_THYMOCYTE\_DN, GSE30083\_SP1\_VS\_SP4\_THYMOCYTE\_DN  
GAUCHER\_PBMCMC\_YF\_VAX\_STAMARIL\_UNKNOWN\_AGE\_10DY\_UP, GAUCHER\_PBMCMC\_YF\_VAX\_STAMARIL\_UNKNOWN\_AGE\_10DY\_UP  
GSE33424\_CD161\_INT\_VS\_NEG\_CD8\_TCELL\_UP, GSE33424\_CD161\_INT\_VS\_NEG\_CD8\_TCELL\_UP  
GSE2770\_IL12\_ACT\_VS\_ACT\_CD4\_TCELL\_48H\_DN, GSE2770\_IL12\_ACT\_VS\_ACT\_CD4\_TCELL\_48H\_DN  
GSE13485\_PRE\_VS\_POST\_YF17D\_VACCINATION\_PBMCMC\_DN, GSE13485\_PRE\_VS\_POST\_YF17D\_VACCINATION\_PBMCMC\_DN  
GSE40666\_WT\_VS\_STAT4\_KO\_CD8\_TCELL\_WITH\_IFNA\_STIM\_90MIN\_UP, GSE40666\_WT\_VS\_STAT4\_KO\_CD8\_TCELL\_WITH\_IFNA\_STIM\_90MIN\_UP  
GSE26030\_TH1\_VS\_TH17\_DAY5\_POST\_POLARIZATION\_UP, GSE26030\_TH1\_VS\_TH17\_DAY5\_POST\_POLARIZATION\_UP  
GSE40443\_INDUCED\_VS\_TOTAL\_TREG\_DN, GSE40443\_INDUCED\_VS\_TOTAL\_TREG\_DN  
QUEREC\_PBMCMC\_YF\_17D\_VACCINE\_AGE\_18\_45YO\_3DY\_UP, QUEREC\_PBMCMC\_YF\_17D\_VACCINE\_AGE\_18\_45YO\_3DY\_UP  
QUEREC\_PBMCMC\_YF\_17D\_VACCINE\_AGE\_18\_45YO\_7DY\_UP, QUEREC\_PBMCMC\_YF\_17D\_VACCINE\_AGE\_18\_45YO\_7DY\_UP  
GSE13484\_UNSTIM\_VS\_YF17D\_VACCINE\_STIM\_PBMCMC\_DN, GSE13484\_UNSTIM\_VS\_YF17D\_VACCINE\_STIM\_PBMCMC\_DN  
GSE7768\_OVA\_ALONE\_VS\_OVA\_WITH\_LPS\_IMMUNIZED\_MOUSE\_WHOLE\_SPLEEN\_6H\_UP, GSE7768\_OVA\_ALONE\_VS\_OVA\_WITH\_LPS\_IMMUNIZED\_MOUSE\_WHOLE\_SPLEEN\_6H\_UP  
GSE17721\_CPG\_VS\_GARDIQUIMOD\_24H\_BMDC\_UP, GSE17721\_CPG\_VS\_GARDIQUIMOD\_24H\_BMDC\_UP  
GSE13547\_2H\_VS\_12\_H\_ANTL\_IGM\_STIM\_ZFX\_KO\_BCELL\_UP, GSE13547\_2H\_VS\_12\_H\_ANTL\_IGM\_STIM\_ZFX\_KO\_BCELL\_UP  
ERWIN\_COHEN\_BLOOD\_VACCINE\_TC\_83\_AGE\_23\_48YO\_VACCINATED\_VS\_CONTROL\_7DY\_UP, ERWIN\_COHEN\_BLOOD\_VACCINE\_TC\_83\_AGE\_23\_48YO\_VACCINATED\_VS\_CONTROL\_7DY\_UP  
GSE42021\_TREG\_PLN\_VS\_TREG\_PRECURSORS\_THYMUS\_DN, GSE42021\_TREG\_PLN\_VS\_TREG\_PRECURSORS\_THYMUS\_DN  
GSE34156\_UNTREATED\_VS\_6H\_NOD2\_AND\_TLR1\_TLR2\_LIGAND\_TREATED\_MONOCYTE\_DN, GSE34156\_UNTREATED\_VS\_6H\_NOD2\_AND\_TLR1\_TLR2\_LIGAND\_TREATED\_MONOCYTE\_DN  
GSE13522\_WT\_VS\_IFNAR\_KO\_SKIN\_DN, GSE13522\_WT\_VS\_IFNAR\_KO\_SKIN\_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  
GSE20727\_CTRL\_VS\_H2O2\_TREATED\_DC\_UP, GSE20727\_CTRL\_VS\_H2O2\_TREATED\_DC\_UP  
ERWIN\_COHEN\_BLOOD\_TC\_83\_AGE\_23\_48YO\_VACCINATED\_VS\_CONTROL\_2DY\_UP, ERWIN\_COHEN\_BLOOD\_TC\_83\_AGE\_23\_48YO\_VACCINATED\_VS\_CONTROL\_2DY\_UP  
GSE42724\_NAIVE\_BCELL\_VS\_PLASMABLAST\_UP, GSE42724\_NAIVE\_BCELL\_VS\_PLASMABLAST\_UP  
GSE7509\_UNSTIM\_VS\_FCGRIIB\_STIM\_DC\_DN, GSE7509\_UNSTIM\_VS\_FCGRIIB\_STIM\_DC\_DN  
GSE10273\_HIGH\_IL7\_VS\_HIGH\_IL7\_AND\_IRF4\_IN\_IRF4\_8\_NULL\_PRE\_BCELL\_DN, GSE10273\_HIGH\_IL7\_VS\_HIGH\_IL7\_AND\_IRF4\_IN\_IRF4\_8\_NULL\_PRE\_BCELL\_DN  
ERWIN\_COHEN\_PBMCMC\_TC\_83\_AGE\_18\_45YO\_NAIVE\_NOT\_PREVIOUSLY\_IMMUNIZED\_24HR\_DEG\_CANONICAL\_PATHWAY\_MEMBERS\_UP, ERWIN\_COHEN\_PBMCMC\_TC\_83\_AGE\_18\_45YO\_NAIVE\_NOT\_PREVIOUSLY\_IMMUNIZED\_24HR\_DEG\_CANONICAL\_PATHWAY\_MEMBERS\_UP  
GSE40274\_CTRL\_VS\_SATB1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_CTRL\_VS\_SATB1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP  
GSE19888\_ADENOSINE\_A3R\_INH\_PRETREAT\_AND\_ACT\_BY\_A3R\_VS\_TCELL\_MEMBRANES\_ACT\_MAST\_CELL\_UP, GSE19888\_ADENOSINE\_A3R\_INH\_PRETREAT\_AND\_ACT\_BY\_A3R\_VS\_TCELL\_MEMBRANES\_ACT\_MAST\_CELL\_UP  
GSE7460\_CTRL\_VS\_TGFB\_TREATED\_ACT\_FOXP3\_MUT\_TCONV\_DN, GSE7460\_CTRL\_VS\_TGFB\_TREATED\_ACT\_FOXP3\_MUT\_TCONV\_DN  
GSE1460\_DP\_VS\_CD4\_THYMOCYTE\_DN, GSE1460\_DP\_VS\_CD4\_THYMOCYTE\_DN  
GSE6092\_UNSTIM\_VS\_IFNG\_STIM\_AND\_B\_BURGDORFERI\_INF\_ENDOTHELIAL\_CELL\_UP, GSE6092\_UNSTIM\_VS\_IFNG\_STIM\_AND\_B\_BURGDORFERI\_INF\_ENDOTHELIAL\_CELL\_UP  
GSE18281\_PERIMEDULLARY\_CORTICAL\_REGION\_VS\_WHOLE\_MEDULLA\_THYMUS\_UP, GSE18281\_PERIMEDULLARY\_CORTICAL\_REGION\_VS\_WHOLE\_MEDULLA\_THYMUS\_UP  
MATSUMIYA\_PBMCMC\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_2DY\_UP, MATSUMIYA\_PBMCMC\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_2DY\_UP  
GSE36527\_CD69\_NEG\_VS\_POS\_TREG\_CD62L\_LOS\_KLRG1\_NEG\_UP, GSE36527\_CD69\_NEG\_VS\_POS\_TREG\_CD62L\_LOS\_KLRG1\_NEG\_UP  
GSE36078\_WT\_VS\_IL1R\_KO\_LUNG\_DC\_DN, GSE36078\_WT\_VS\_IL1R\_KO\_LUNG\_DC\_DN  
GSE30083\_SP1\_VS\_SP2\_THYMOCYTE\_DN, GSE30083\_SP1\_VS\_SP2\_THYMOCYTE\_DN  
ERWIN\_COHEN\_PBMCMC\_TC\_83\_AGE\_18\_45YO\_RESPONDERS\_PREVIOUSLY\_IMMUNIZED\_24HR\_DEG\_CANONICAL\_PATHWAY\_MEMBERS\_UP, ERWIN\_COHEN\_PBMCMC\_TC\_83\_AGE\_18\_45YO\_RESPONDERS\_PREVIOUSLY\_IMMUNIZED\_24HR\_DEG\_CANONICAL\_PATHWAY\_MEMBERS\_UP  
GSE40274\_CTRL\_VS\_IRF4\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_CTRL\_VS\_IRF4\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP  
GSE5542\_UNTREATED\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_UP, GSE5542\_UNTREATED\_VS\_IFNA\_AND\_IFNG\_TREATED\_EPITHELIAL\_CELLS\_6H\_UP  
GSE2770\_UNTREATED\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_UP, GSE2770\_UNTREATED\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_UP  
GSE11961\_MEMORY\_BCELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY7\_DN, GSE11961\_MEMORY\_BCELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY7\_DN  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_16H\_DN, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_16H\_DN  
GSE7218\_IGM\_VS\_IGG\_SIGNAL\_THGOUGH\_ANTIGEN\_BCELL\_DN, GSE7218\_IGM\_VS\_IGG\_SIGNAL\_THGOUGH\_ANTIGEN\_BCELL\_DN  
GSE32901\_NAIVE\_VS\_TH17\_ENRICHED\_CD4\_TCELL\_UP, GSE32901\_NAIVE\_VS\_TH17\_ENRICHED\_CD4\_TCELL\_UP  
GSE5589\_WT\_VS\_IL10\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_180MIN\_UP, GSE5589\_WT\_VS\_IL10\_KO\_LPS\_AND\_IL10\_STIM\_MACROPHAGE\_180MIN\_UP  
ERWIN\_COHEN\_PBMCMC\_TC\_83\_AGE\_18\_45YO\_NON\_RESPONDERS\_PREVIOUSLY\_IMMUNIZED\_24HR\_DEG\_CANONICAL\_PATHWAY\_MEMBERS\_UP, ERWIN\_COHEN\_PBMCMC\_TC\_83\_AGE\_18\_45YO\_NON\_RESPONDERS\_PREVIOUSLY\_IMMUNIZED\_24HR\_DEG\_CANONICAL\_PATHWAY\_MEMBERS\_UP  
SCHERER\_PBMCMC\_YF\_VAX\_AGE\_18\_40YO\_JOINT\_TO\_VACCINIA\_AND\_YELLOW\_FEVER\_UP, SCHERER\_PBMCMC\_YF\_VAX\_AGE\_18\_40YO\_JOINT\_TO\_VACCINIA\_AND\_YELLOW\_FEVER\_UP  
SCHERER\_PBMCMC\_APSV\_WETVAX\_AGE\_18\_40YO\_JOINT\_TO\_VACCINIA\_AND\_YELLOW\_FEVER\_UP, SCHERER\_PBMCMC\_APSV\_WETVAX\_AGE\_18\_40YO\_JOINT\_TO\_VACCINIA\_AND\_YELLOW\_FEVER\_UP  
GSE8685\_IL2\_ACT\_IL2\_STARVED\_VS\_IL21\_ACT\_IL2\_STARVED\_CD4\_TCELL\_DN, GSE8685\_IL2\_ACT\_IL2\_STARVED\_VS\_IL21\_ACT\_IL2\_STARVED\_CD4\_TCELL\_DN  
COLE\_BLOOD\_FLUMIST\_QUADRIVALENT\_AGE\_03\_17YO\_7DY\_UP, COLE\_BLOOD\_FLUMIST\_QUADRIVALENT\_AGE\_03\_17YO\_7DY\_UP  
HOEK\_NEUTROPHIL\_2011\_2012\_TIV\_ADULT\_1DY\_UP, HOEK\_NEUTROPHIL\_2011\_2012\_TIV\_ADULT\_1DY\_UP  
ANDERSON\_BLOOD\_CN54GP140\_ADJUVANTED\_WITH\_GLA\_AF\_AGE\_18\_45YO\_HIGH\_IGM\_RESPONDERS\_3DY\_7D\_DN, ANDERSON\_BLOOD\_CN54GP140\_ADJUVANTED\_WITH\_GLA\_AF\_AGE\_18\_45YO\_HIGH\_IGM\_RESPONDERS\_3DY\_7D\_DN  
HOEK\_MONOCYTE\_2011\_2012\_TIV\_ADULT\_3DY\_DN, HOEK\_MONOCYTE\_2011\_2012\_TIV\_ADULT\_3DY\_DN  
HOEK\_MYELOID\_DENDRITIC\_CELL\_2011\_2012\_TIV\_ADULT\_3DY\_UP, HOEK\_MYELOID\_DENDRITIC\_CELL\_2011\_2012\_TIV\_ADULT\_3DY\_UP  
DHIMAN\_PBMCMC\_ATTENUVAX\_AGE\_15\_25YO\_SUBQ\_7\_OR\_14DY\_DN, DHIMAN\_PBMCMC\_ATTENUVAX\_AGE\_15\_25YO\_SUBQ\_7\_OR\_14DY\_DN