

VACCINE\_CORRELATED\_WITH\_ANTIBODY\_RESPONSE\_AGE\_18\_40YO\_1DY\_POSITIVE, FRANCO\_BLOOD\_SANOFI\_PASTEUR\_SA\_INACTIVATED\_INFLUENZA\_VACCINE\_CORRELATED\_WITH\_ANTIBODY\_RESPONSE\_AGE\_18\_40YO\_1DY\_POSITIVE

HOWARD\_DENDRITIC\_CELL\_INACT\_MONOV\_INFLUENZA\_A\_INDONESIA\_05\_2005\_H5N1\_AGE\_18\_49YO\_1DY\_UP, HOWARD\_DENDRITIC\_CELL\_INACT\_MONOV\_INFLUENZA\_A\_INDONESIA\_05\_2005\_H5N1\_AGE\_18\_49YO\_1DY\_UP  
GSE22140\_GERMFREE\_VS\_SPF\_ARTHRITIC\_MOUSE\_CD4\_TCELL\_DN, GSE22140\_GERMFREE\_VS\_SPF\_ARTHRITIC\_MOUSE\_CD4\_TCELL\_DN  
GSE44649\_WT\_VS\_MIR155\_KO\_ACTIVATED\_CD8\_TCELL\_UP, GSE44649\_WT\_VS\_MIR155\_KO\_ACTIVATED\_CD8\_TCELL\_UP  
GSE40666\_NAIVE\_VS\_EFFECTOR\_CD8\_TCELL\_DN, GSE40666\_NAIVE\_VS\_EFFECTOR\_CD8\_TCELL\_DN  
GSE6259\_FLT3L\_INDUCED\_DEC205\_POS\_DC\_VS\_CD8\_TCELL\_DN, GSE6259\_FLT3L\_INDUCED\_DEC205\_POS\_DC\_VS\_CD8\_TCELL\_DN  
GSE41867\_MEMORY\_VS\_EXHAUSTED\_CD8\_TCELL\_DAY30\_LCMV\_UP, GSE41867\_MEMORY\_VS\_EXHAUSTED\_CD8\_TCELL\_DAY30\_LCMV\_UP  
GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_16H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_16H\_BMDC\_DN  
GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_3DAY\_STIMULATED\_IRF4\_KO\_BCELL\_DN, GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_3DAY\_STIMULATED\_IRF4\_KO\_BCELL\_DN  
GSE15624\_CTRL\_VS\_3H\_HALOFUGINONE\_TREATED\_CD4\_TCELL\_UP, GSE15624\_CTRL\_VS\_3H\_HALOFUGINONE\_TREATED\_CD4\_TCELL\_UP  
GSE12392\_WT\_VS\_IFNAR\_KO\_CD8A\_NEG\_SPLEEN\_DC\_UP, GSE12392\_WT\_VS\_IFNAR\_KO\_CD8A\_NEG\_SPLEEN\_DC\_UP  
NAKAYA\_PBMC\_FLUMIST\_AGE\_18\_50YO\_3DY\_IFN\_SUBSET\_UP, NAKAYA\_PBMC\_FLUMIST\_AGE\_18\_50YO\_3DY\_IFN\_SUBSET\_UP  
GSE2770\_UNTREATED\_VS\_ACT\_CD4\_TCELL\_48H\_DN, GSE2770\_UNTREATED\_VS\_ACT\_CD4\_TCELL\_48H\_DN  
GSE6259\_CD4\_TCELL\_VS\_CD8\_TCELL\_DN, GSE6259\_CD4\_TCELL\_VS\_CD8\_TCELL\_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  
GSE17721\_LPS\_VS\_CPG\_4H\_BMDC\_UP, GSE17721\_LPS\_VS\_CPG\_4H\_BMDC\_UP  
GSE29618\_BCELL\_VS\_PDC\_DN, GSE29618\_BCELL\_VS\_PDC\_DN  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_16H\_DN, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_16H\_DN  
NAKAYA\_PBMC\_FLUAD\_MALE\_AGE\_14\_27YO\_1D\_POSTBOOST\_VS\_0D\_PREIMM\_MF59\_ADJUVANTED\_1DY\_ATIV\_UP, NAKAYA\_PBMC\_FLUAD\_MALE\_AGE\_14\_27YO\_1D\_POSTBOOST\_VS\_0D\_PREIMM\_MF59\_ADJUVANTED\_1DY\_ATIV\_UP  
GSE24634\_IL4\_VS\_CTRL\_TREATED\_NAIVE\_CD4\_TCELL\_DAY5\_DN, GSE24634\_IL4\_VS\_CTRL\_TREATED\_NAIVE\_CD4\_TCELL\_DAY5\_DN  
GSE7768\_OVA\_ALONE\_VS\_OVA\_WITH\_MPL\_IMMUNIZED\_MOUSE\_WHOLE\_SPLEEN\_6H\_DN, GSE7768\_OVA\_ALONE\_VS\_OVA\_WITH\_MPL\_IMMUNIZED\_MOUSE\_WHOLE\_SPLEEN\_6H\_DN  
SOBOLEV\_PBMC\_PANDEMRIX\_AGE\_18\_64YO\_1DY\_UP, SOBOLEV\_PBMC\_PANDEMRIX\_AGE\_18\_64YO\_1DY\_UP  
GSE36392\_TYPE\_2\_MYELOID\_VS\_EOSINOPHIL\_IL25\_TREATED\_LUNG\_DN, GSE36392\_TYPE\_2\_MYELOID\_VS\_EOSINOPHIL\_IL25\_TREATED\_LUNG\_DN  
HOWARD\_NEUTROPHIL\_INACT\_MONOV\_INFLUENZA\_A\_INDONESIA\_05\_2005\_H5N1\_AGE\_18\_49YO\_3DY\_UP, HOWARD\_NEUTROPHIL\_INACT\_MONOV\_INFLUENZA\_A\_INDONESIA\_05\_2005\_H5N1\_AGE\_18\_49YO\_3DY\_UP  
GSE22432\_MULTIPOTENT\_PROGENITOR\_VS\_PDC\_UP, GSE22432\_MULTIPOTENT\_PROGENITOR\_VS\_PDC\_UP  
GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_MACROPHAGE\_45MIN\_DN, GSE5589\_LPS\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_MACROPHAGE\_45MIN\_DN  
GSE19888\_ADENOSINE\_A3R\_INH\_VS\_TCELL\_MEMBRANES\_ACT\_MAST\_CELL\_UP, GSE19888\_ADENOSINE\_A3R\_INH\_VS\_TCELL\_MEMBRANES\_ACT\_MAST\_CELL\_UP  
GSE40666\_WT\_VS\_STAT4\_KO\_CD8\_TCELL\_UP, GSE40666\_WT\_VS\_STAT4\_KO\_CD8\_TCELL\_UP  
HOWARD\_T\_CELL\_INACT\_MONOV\_INFLUENZA\_A\_INDONESIA\_05\_2005\_H5N1\_AGE\_18\_49YO\_1DY\_UP, HOWARD\_T\_CELL\_INACT\_MONOV\_INFLUENZA\_A\_INDONESIA\_05\_2005\_H5N1\_AGE\_18\_49YO\_1DY\_UP  
GSE3039\_ALPHAALPHA\_CD8\_TCELL\_VS\_B2\_BCELL\_DN, GSE3039\_ALPHAALPHA\_CD8\_TCELL\_VS\_B2\_BCELL\_DN  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_14H\_DN, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_14H\_DN  
GSE41867\_DAY6\_EFFECTOR\_VS\_DAY30\_EXHAUSTED\_CD8\_TCELL\_LCMV\_CLONE13\_UP, GSE41867\_DAY6\_EFFECTOR\_VS\_DAY30\_EXHAUSTED\_CD8\_TCELL\_LCMV\_CLONE13\_UP  
GSE17721\_CTRL\_VS\_CPG\_8H\_BMDC\_DN, GSE17721\_CTRL\_VS\_CPG\_8H\_BMDC\_DN  
GSE36009\_WT\_VS\_NLRP10\_KO\_DC\_UP, GSE36009\_WT\_VS\_NLRP10\_KO\_DC\_UP  
GSE25088\_WT\_VS\_STAT6\_KO\_MACROPHAGE\_ROSIGLITAZONE\_AND\_IL4\_STIM\_DN, GSE25088\_WT\_VS\_STAT6\_KO\_MACROPHAGE\_ROSIGLITAZONE\_AND\_IL4\_STIM\_DN  
GSE17721\_0.5H\_VS\_12H\_POLYIC\_BMDC\_DN, GSE17721\_0.5H\_VS\_12H\_POLYIC\_BMDC\_DN  
ZAK\_PBMC\_MRKAD5\_HIV\_1\_GAG\_POL\_NEF\_AGE\_20\_50YO\_1DY\_ADDNL\_EXON\_LVL\_UP, ZAK\_PBMC\_MRKAD5\_HIV\_1\_GAG\_POL\_NEF\_AGE\_20\_50YO\_1DY\_ADDNL\_EXON\_LVL\_UP  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_18H\_DN, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_18H\_DN  
GSE22589\_HEALTHY\_VS\_HIV\_INFECTED\_DC\_DN, GSE22589\_HEALTHY\_VS\_HIV\_INFECTED\_DC\_DN  
GSE2585\_CTEC\_VS\_THYMIC\_MACROPHAGE\_UP, GSE2585\_CTEC\_VS\_THYMIC\_MACROPHAGE\_UP  
GSE11961\_FOLLICULAR\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY7\_DN, GSE11961\_FOLLICULAR\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY7\_DN  
FULLER\_PBMC\_F\_TULARENSIS\_VACCINE\_1VS\_AGE\_22\_54YO\_336HR\_UP, FULLER\_PBMC\_F\_TULARENSIS\_VACCINE\_1VS\_AGE\_22\_54YO\_336HR\_UP  
GSE2706\_2H\_VS\_8H\_LPS\_STIM\_DC\_DN, GSE2706\_2H\_VS\_8H\_LPS\_STIM\_DC\_DN  
GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_12H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_12H\_BMDC\_DN  
GSE30083\_SP1\_VS\_SP2\_THYMOCYTE\_DN, GSE30083\_SP1\_VS\_SP2\_THYMOCYTE\_DN  
GSE40666\_UNTREATED\_VS\_IFNA\_STIM\_CD8\_TCELL\_90MIN\_UP, GSE40666\_UNTREATED\_VS\_IFNA\_STIM\_CD8\_TCELL\_90MIN\_UP  
GSE28737\_WT\_VS\_BCL6\_KO\_MARGINAL\_ZONE\_BCELL\_UP, GSE28737\_WT\_VS\_BCL6\_KO\_MARGINAL\_ZONE\_BCELL\_UP  
GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_24H\_ACT\_CD4\_TCELL\_DN, GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_24H\_ACT\_CD4\_TCELL\_DN  
HOEK\_PBMC\_INACTIVATED\_INFLUENZA\_ADULT\_7DY\_DN, HOEK\_PBMC\_INACTIVATED\_INFLUENZA\_ADULT\_7DY\_DN  
GSE43863\_NAIVE\_VS\_TFH\_CD4\_EFF\_TCELL\_D6\_LCMV\_DN, GSE43863\_NAIVE\_VS\_TFH\_CD4\_EFF\_TCELL\_D6\_LCMV\_DN  
GSE19401\_UNSTIM\_VS\_PAM2CSK4\_STIM\_FOLLICULAR\_DC\_UP, GSE19401\_UNSTIM\_VS\_PAM2CSK4\_STIM\_FOLLICULAR\_DC\_UP  
GSE22025\_UNTREATED\_VS\_PROGESTERONE\_TREATED\_CD4\_TCELL\_UP, GSE22025\_UNTREATED\_VS\_PROGESTERONE\_TREATED\_CD4\_TCELL\_UP  
ERWIN\_COHEN\_PBMC\_TC\_83\_AGE\_18\_45YO\_NON\_RESPONDERS\_PREVIOUSLY\_IMMUNIZED\_24HR\_DEG\_CANONICAL\_PATHWAY\_MEMBERS\_UP, ERWIN\_COHEN\_PBMC\_TC\_83\_AGE\_18\_45YO\_NON\_RESPONDERS\_PREVIOUSLY\_IMMUNIZED\_24HR\_DEG\_CANONICAL\_PATHWAY\_MEMBERS\_UP  
GSE23321\_CENTRAL\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_DN, GSE23321\_CENTRAL\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_DN  
HOEK\_NEUTROPHIL\_2011\_2012\_TIV\_ADULT\_1DY\_UP, HOEK\_NEUTROPHIL\_2011\_2012\_TIV\_ADULT\_1DY\_UP  
GSE28737\_BCL6\_HET\_VS\_BCL6\_KO\_MARGINAL\_ZONE\_BCELL\_UP, GSE28737\_BCL6\_HET\_VS\_BCL6\_KO\_MARGINAL\_ZONE\_BCELL\_UP  
GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_12H\_ACT\_CD4\_TCELL\_DN, GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_12H\_ACT\_CD4\_TCELL\_DN  
ERWIN\_COHEN\_PBMC\_TC\_83\_AGE\_18\_45YO\_NAIVE\_NOT\_PREVIOUSLY\_IMMUNIZED\_24HR\_DEG\_CANONICAL\_PATHWAY\_MEMBERS\_UP, ERWIN\_COHEN\_PBMC\_TC\_83\_AGE\_18\_45YO\_NAIVE\_NOT\_PREVIOUSLY\_IMMUNIZED\_24HR\_DEG\_CANONICAL\_PATHWAY\_MEMBERS\_UP  
GSE17721\_12H\_VS\_24H\_CPG\_BMDC\_UP, GSE17721\_12H\_VS\_24H\_CPG\_BMDC\_UP  
CAO\_BLOOD\_FLUZONE\_AGE\_05\_14YO\_CORRELATED\_WITH\_H3N1\_HI\_TITER\_1DY\_POSITIVE, CAO\_BLOOD\_FLUZONE\_AGE\_05\_14YO\_CORRELATED\_WITH\_H3N1\_HI\_TITER\_1DY\_POSITIVE  
HOWARD\_B\_CELL\_INACT\_MONOV\_INFLUENZA\_A\_INDONESIA\_05\_2005\_H5N1\_AGE\_18\_49YO\_1DY\_UP, HOWARD\_B\_CELL\_INACT\_MONOV\_INFLUENZA\_A\_INDONESIA\_05\_2005\_H5N1\_AGE\_18\_49YO\_1DY\_UP  
MATSUMIYA\_PBMC\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_4\_6MO\_VACCINATED\_VS\_CANDIN\_PLACEBO\_BCG\_PRIMED\_28DY\_UP, MATSUMIYA\_PBMC\_MODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_4\_6MO\_VACCINATED\_VS\_CANDIN\_PLACEBO\_BCG\_PRIMED\_28DY\_UP  
CAO\_BLOOD\_FLUZONE\_AGE\_05\_14YO\_1DY\_UP, CAO\_BLOOD\_FLUZONE\_AGE\_05\_14YO\_1DY\_UP