

**TE\_VS\_WHOLE\_CORTEX\_THYMUS\_UP, GSE18281\_CORTICAL\_THYMOCYTE\_VS\_WHOLE\_CORTEX\_THYMUS\_UP**

GSE15750\_WT\_VS\_TRAF6KO\_DAY10\_EFF\_CD8\_TCELL\_DN, GSE15750\_WT\_VS\_TRAF6KO\_DAY10\_EFF\_CD8\_TCELL\_DN

GSE26488\_CTRL\_VS\_PEPTIDE\_INJECTION\_HDAC7\_DELTAP\_TG\_OT2\_THYMOCYTE\_UP, GSE26488\_CTRL\_VS\_PEPTIDE\_INJECTION\_HDAC7\_DELTAP\_TG\_OT2\_THYMOCYTE\_UP

GSE29614\_DAY3\_VS\_DAY7\_TIV\_FLU\_VACCINE\_PBMC\_UP, GSE29614\_DAY3\_VS\_DAY7\_TIV\_FLU\_VACCINE\_PBMC\_UP

GSE32423\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_IL7\_IL4\_UP, GSE32423\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_IL7\_IL4\_UP

GSE36476\_YOUNG\_VS\_OLD\_DONOR\_MEMORY\_CD4\_TCELL\_DN, GSE36476\_YOUNG\_VS\_OLD\_DONOR\_MEMORY\_CD4\_TCELL\_DN

GSE36095\_WT\_VS\_HDAC9\_KO\_TREG\_DN, GSE36095\_WT\_VS\_HDAC9\_KO\_TREG\_DN

GSE42021\_TCONV\_PLN\_VS\_CD24HI\_TCONV\_THYMUS\_DN, GSE42021\_TCONV\_PLN\_VS\_CD24HI\_TCONV\_THYMUS\_DN

GSE29618\_LAIV\_VS\_TIV\_FLU\_VACCINE\_DAY7\_BCELL\_UP, GSE29618\_LAIV\_VS\_TIV\_FLU\_VACCINE\_DAY7\_BCELL\_UP

GSE6259\_DEC205\_POS\_DC\_VS\_BCELL\_UP, GSE6259\_DEC205\_POS\_DC\_VS\_BCELL\_UP

GSE41978\_WT\_VS\_ID2\_KO\_KLRG1\_LOW\_EFFECTOR\_CD8\_TCELL\_UP, GSE41978\_WT\_VS\_ID2\_KO\_KLRG1\_LOW\_EFFECTOR\_CD8\_TCELL\_UP

GSE19888\_CTRL\_VS\_A3R\_ACTIVATION\_MAST\_CELL\_DN, GSE19888\_CTRL\_VS\_A3R\_ACTIVATION\_MAST\_CELL\_DN

GSE28783\_ANTI\_MIR33\_VS\_CTRL\_ATHEROSCLEROSIS\_MACROPHAGE\_DN, GSE28783\_ANTI\_MIR33\_VS\_CTRL\_ATHEROSCLEROSIS\_MACROPHAGE\_DN

LI\_PBMC\_MENACTRA\_AGE\_18\_45YO\_ANTI\_POLYSACCHARIDE\_ANTIBODY\_CORRELATION\_PROFILE\_3DY\_DN, LI\_PBMC\_MENACTRA\_AGE\_18\_45YO\_ANTI\_POLYSACCHARIDE\_ANTIBODY\_C

GSE37605\_TREG\_VS\_TCONV\_C57BL6\_FOXP3\_IRES\_GFP\_UP, GSE37605\_TREG\_VS\_TCONV\_C57BL6\_FOXP3\_IRES\_GFP\_UP