

**S\_KO\_VS\_WT\_TREG\_UP, GSE40273\_EOS\_KO\_VS\_WT\_TREG\_UP**

GSE41867\_NAIVE\_VS\_DAY30\_LCMV\_CLONE13\_EXHAUSTED\_CD8\_TCELL\_DN, GSE41867\_NAIVE\_VS\_DAY30\_LCMV\_CLONE13\_EXHAUSTED\_CD8\_TCELL\_DN  
GSE40274\_CTRL\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCECD\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_CTRL\_VS\_FOXP3\_AND\_HELIOS\_TRANSDUCECD\_ACTIVATED\_CD4\_TCELL\_DN  
GSE2770\_UNTREATED\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP, GSE2770\_UNTREATED\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP  
GSE29618\_BCELL\_VS\_PDC\_DN, GSE29618\_BCELL\_VS\_PDC\_DN  
GSE41867\_MEMORY\_VS\_EXHAUSTED\_CD8\_TCELL\_DAY30\_LCMV\_DN, GSE41867\_MEMORY\_VS\_EXHAUSTED\_CD8\_TCELL\_DAY30\_LCMV\_DN  
GSE21546\_SAP1A\_KO\_VS\_SAP1A\_KO\_AND\_ELK1\_KO\_DP\_THYMOCYTES\_UP, GSE21546\_SAP1A\_KO\_VS\_SAP1A\_KO\_AND\_ELK1\_KO\_DP\_THYMOCYTES\_UP  
GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL4\_TREATED\_ACT\_CD4\_TCELL\_2H\_UP, GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL4\_TREATED\_ACT\_CD4\_TCELL\_2H\_UP  
GOBP\_CELLULAR\_RESPONSE\_TO\_TOPOLOGICALLY\_INCORRECT\_PROTEIN, GOBP\_CELLULAR\_RESPONSE\_TO\_TOPOLOGICALLY\_INCORRECT\_PROTEIN  
GSE12845\_IGD\_NEG\_BLOOD\_VS\_PRE\_GC\_TONSIL\_BCELL\_UP, GSE12845\_IGD\_NEG\_BLOOD\_VS\_PRE\_GC\_TONSIL\_BCELL\_UP  
GOCC\_INTRINSIC\_COMPONENT\_OF\_ENDOPLASMIC\_RETICULUM\_MEMBRANE, GOCC\_INTRINSIC\_COMPONENT\_OF\_ENDOPLASMIC\_RETICULUM\_MEMBRANE  
GOBP\_ENDOPLASMIC\_RETICULUM\_UNFOLDED\_PROTEIN\_RESPONSE, GOBP\_ENDOPLASMIC\_RETICULUM\_UNFOLDED\_PROTEIN\_RESPONSE  
GSE11924\_TH1\_VS\_TH2\_CD4\_TCELL\_DN, GSE11924\_TH1\_VS\_TH2\_CD4\_TCELL\_DN  
GSE7831\_UNSTIM\_VS\_CPG\_STIM\_PDC\_4H\_DN, GSE7831\_UNSTIM\_VS\_CPG\_STIM\_PDC\_4H\_DN  
GOCC\_GOLGI\_STACK, GOCC\_GOLGI\_STACK  
GSE5542\_IFNG\_VS\_IFNA\_TREATED\_EPITHELIAL\_CELLS\_24H\_DN, GSE5542\_IFNG\_VS\_IFNA\_TREATED\_EPITHELIAL\_CELLS\_24H\_DN  
GOBP\_ERAD\_PATHWAY, GOBP\_ERAD\_PATHWAY  
GSE24142\_DN2\_VS\_DN3\_THYMOCYTE\_FETAL\_DN, GSE24142\_DN2\_VS\_DN3\_THYMOCYTE\_FETAL\_DN  
GSE20715\_WT\_VS\_TLR4\_KO\_24H\_OZONE\_LUNG\_UP, GSE20715\_WT\_VS\_TLR4\_KO\_24H\_OZONE\_LUNG\_UP  
GSE39820\_IL1B\_IL6\_VS\_IL1B\_IL6\_IL23A\_TREATED\_CD4\_TCELL\_DN, GSE39820\_IL1B\_IL6\_VS\_IL1B\_IL6\_IL23A\_TREATED\_CD4\_TCELL\_DN  
GSE12366\_PLASMA\_CELL\_VS\_NAIVE\_BCELL\_UP, GSE12366\_PLASMA\_CELL\_VS\_NAIVE\_BCELL\_UP  
PELLICCIOTTA\_HDAC\_IN\_ANTIGEN\_PRESENTATION\_UP, PELLICCIOTTA\_HDAC\_IN\_ANTIGEN\_PRESENTATION\_UP  
GOBP\_UBIQUITIN\_DEPENDENT\_ERAD\_PATHWAY, GOBP\_UBIQUITIN\_DEPENDENT\_ERAD\_PATHWAY  
GSE18893\_TCONV\_VS\_TREG\_2H\_TNF\_STIM\_UP, GSE18893\_TCONV\_VS\_TREG\_2H\_TNF\_STIM\_UP  
GSE11961\_FOLLICULAR\_BCELL\_VS\_MARGINAL\_ZONE\_BCELL\_DN, GSE11961\_FOLLICULAR\_BCELL\_VS\_MARGINAL\_ZONE\_BCELL\_DN  
HP\_RECURRENT\_FRACTURES, HP\_RECURRENT\_FRACTURES  
GSE24972\_MARGINAL\_ZONE\_BCELL\_VS\_FOLLICULAR\_BCELL\_IRF8\_KO\_DN, GSE24972\_MARGINAL\_ZONE\_BCELL\_VS\_FOLLICULAR\_BCELL\_IRF8\_KO\_DN  
MIR4318, MIR4318  
SS18\_SSX1\_FUSION\_UNIPROT\_Q8IZH1\_UNREVIEWED\_TARGET\_GENES, SS18\_SSX1\_FUSION\_UNIPROT\_Q8IZH1\_UNREVIEWED\_TARGET\_GENES  
GSE45365\_NK\_CELL\_VS\_CD8A\_DC\_MCMV\_INFECTION\_UP, GSE45365\_NK\_CELL\_VS\_CD8A\_DC\_MCMV\_INFECTION\_UP  
GOCC\_CIS\_GOLGI\_NETWORK, GOCC\_CIS\_GOLGI\_NETWORK  
MIKKELSEN\_ES\_LCP\_WITH\_H3K4ME3, MIKKELSEN\_ES\_LCP\_WITH\_H3K4ME3  
HP\_TEMPERATURE\_INSTABILITY, HP\_TEMPERATURE\_INSTABILITY  
KEGG\_GLYCOSAMINOGLYCAN\_BIOSYNTHESIS\_KERATAN\_SULFATE, KEGG\_GLYCOSAMINOGLYCAN\_BIOSYNTHESIS\_KERATAN\_SULFATE  
MIR6089, MIR6089  
REACTOME\_SIGNALING\_BY\_NODAL, REACTOME\_SIGNALING\_BY\_NODAL  
GOBP\_KERATAN\_SULFATE\_BIOSYNTHETIC\_PROCESS, GOBP\_KERATAN\_SULFATE\_BIOSYNTHETIC\_PROCESS  
REACTOME\_KERATAN\_SULFATE\_BIOSYNTHESIS, REACTOME\_KERATAN\_SULFATE\_BIOSYNTHESIS  
GOBP\_CHORIONIC\_TROPHOBLAST\_CELL\_PROLIFERATION, GOBP\_CHORIONIC\_TROPHOBLAST\_CELL\_PROLIFERATION  
GOMF\_BILE\_ACID\_SODIUM\_SYMPORTER\_ACTIVITY, GOMF\_BILE\_ACID\_SODIUM\_SYMPORTER\_ACTIVITY