

**VS\_TNF\_TREATED\_TREG\_2H\_UP, GSE18893\_CTRL\_VS\_TNF\_TREATED\_TREG\_2H\_UP**

GSE40273\_GATA1\_KO\_VS\_WT\_TREG\_DN, GSE40273\_GATA1\_KO\_VS\_WT\_TREG\_DN  
GSE22589\_HEALTHY\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN, GSE22589\_HEALTHY\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN  
GSE18893\_TCONV\_VS\_TREG\_2H\_CULTURE\_UP, GSE18893\_TCONV\_VS\_TREG\_2H\_CULTURE\_UP  
GSE21360\_NAIVE\_VS\_PRIMARY\_MEMORY\_CD8\_TCELL\_UP, GSE21360\_NAIVE\_VS\_PRIMARY\_MEMORY\_CD8\_TCELL\_UP  
GSE39916\_B\_CELL\_SPLEEN\_VS\_PLASMA\_CELL\_BONE\_MARROW\_UP, GSE39916\_B\_CELL\_SPLEEN\_VS\_PLASMA\_CELL\_BONE\_MARROW\_UP  
GO\_PROTEIN\_C\_TERMINUS\_BINDING, GO\_PROTEIN\_C\_TERMINUS\_BINDING  
AACTGAC\_MIR223, AACTGAC\_MIR223  
GSE32255\_UNSTIM\_VS\_4H\_LPS\_STIM\_DC\_UP, GSE32255\_UNSTIM\_VS\_4H\_LPS\_STIM\_DC\_UP  
ETF\_Q6, ETF\_Q6  
BIOCARTA\_MAPK\_PATHWAY, BIOCARTA\_MAPK\_PATHWAY  
GO\_PROTEIN\_AUTOPHOSPHORYLATION, GO\_PROTEIN\_AUTOPHOSPHORYLATION  
GSE13522\_CTRL\_VS\_T\_CRUZI\_G\_STRAIN\_INF\_SKIN\_UP, GSE13522\_CTRL\_VS\_T\_CRUZI\_G\_STRAIN\_INF\_SKIN\_UP  
GOLDRATH\_IMMUNE\_MEMORY, GOLDRATH\_IMMUNE\_MEMORY  
GSE15324\_ELF4\_KO\_VS\_WT\_NAIVE\_CD8\_TCELL\_UP, GSE15324\_ELF4\_KO\_VS\_WT\_NAIVE\_CD8\_TCELL\_UP  
GSE7460\_CTRL\_VS\_FOXP3\_OVEREXPR\_TCONV\_1\_DN, GSE7460\_CTRL\_VS\_FOXP3\_OVEREXPR\_TCONV\_1\_DN  
RB\_DN.V1\_DN, RB\_DN.V1\_DN  
GSE11057\_EFF\_MEM\_VS\_CENT\_MEM\_CD4\_TCELL\_DN, GSE11057\_EFF\_MEM\_VS\_CENT\_MEM\_CD4\_TCELL\_DN  
ROSS\_ACUTE\_MYELOID\_LEUKEMIA\_CBF, ROSS\_ACUTE\_MYELOID\_LEUKEMIA\_CBF  
FAELT\_B\_CLL\_WITH\_VH\_REARRANGEMENTS\_UP, FAELT\_B\_CLL\_WITH\_VH\_REARRANGEMENTS\_UP  
VANASSE\_BCL2\_TARGETS\_UP, VANASSE\_BCL2\_TARGETS\_UP  
BEIER\_GLIOMA\_STEM\_CELL\_DN, BEIER\_GLIOMA\_STEM\_CELL\_DN  
KAAB\_FAILED\_HEART\_ATRIUM\_UP, KAAB\_FAILED\_HEART\_ATRIUM\_UP  
GSE21927\_SPLENIC\_VS\_TUMOR\_MONOCYTES\_FROM\_C26GM\_TUMOROUS\_MICE\_BALBC\_UP, GSE21927\_SPLENIC\_VS\_TUMOR\_MONOCYTES\_FROM\_C26GM\_TUMOROUS\_MICE\_BALBC\_UP  
AKL\_HTLV1\_INFECTION\_DN, AKL\_HTLV1\_INFECTION\_DN  
GO\_GLOMERULUS\_DEVELOPMENT, GO\_GLOMERULUS\_DEVELOPMENT  
GSE7460\_TREG\_VS\_TCONV\_ACT\_DN, GSE7460\_TREG\_VS\_TCONV\_ACT\_DN  
REACTOME\_MYOGENESIS, REACTOME\_MYOGENESIS  
GO\_DENDRITE\_DEVELOPMENT, GO\_DENDRITE\_DEVELOPMENT  
GO\_NEGATIVE\_REGULATION\_OF\_CELLULAR\_RESPONSE\_TO\_GROWTH\_FACTOR\_STIMULUS, GO\_NEGATIVE\_REGULATION\_OF\_CELLULAR\_RESPONSE\_TO\_GROWTH\_FACTOR\_STIMULUS  
LIM\_MAMMARY\_LUMINAL\_MATURE\_DN, LIM\_MAMMARY\_LUMINAL\_MATURE\_DN  
GO\_REGULATION\_OF\_KIDNEY\_DEVELOPMENT, GO\_REGULATION\_OF\_KIDNEY\_DEVELOPMENT  
GO\_ALCOHOL\_CATABOLIC\_PROCESS, GO\_ALCOHOL\_CATABOLIC\_PROCESS  
REACTOME\_REGULATION\_OF\_BETA\_CELL\_DEVELOPMENT, REACTOME\_REGULATION\_OF\_BETA\_CELL\_DEVELOPMENT  
GO\_CELL\_DIFFERENTIATION\_INVOLVED\_IN\_KIDNEY\_DEVELOPMENT, GO\_CELL\_DIFFERENTIATION\_INVOLVED\_IN\_KIDNEY\_DEVELOPMENT  
GO\_ACTININ\_BINDING, GO\_ACTININ\_BINDING  
GO\_KIDNEY\_EPITHELIUM\_DEVELOPMENT, GO\_KIDNEY\_EPITHELIUM\_DEVELOPMENT  
GO\_NEUTRAL\_LIPID\_CATABOLIC\_PROCESS, GO\_NEUTRAL\_LIPID\_CATABOLIC\_PROCESS  
GO\_METANEPHRIC\_RENAL\_VESICLE\_MORPHOGENESIS, GO\_METANEPHRIC\_RENAL\_VESICLE\_MORPHOGENESIS  
VALK\_AML\_CLUSTER\_1, VALK\_AML\_CLUSTER\_1  
GO\_SMAD\_PROTEIN\_SIGNAL\_TRANSDUCTION, GO\_SMAD\_PROTEIN\_SIGNAL\_TRANSDUCTION  
GO\_DEVELOPMENTAL\_INDUCATION, GO\_DEVELOPMENTAL\_INDUCATION  
GO\_POSITIVE\_REGULATION\_OF\_MESONEPHROS\_DEVELOPMENT, GO\_POSITIVE\_REGULATION\_OF\_MESONEPHROS\_DEVELOPMENT  
REACTOME\_REGULATION\_OF\_GENE\_EXPRESSION\_IN\_BETA\_CELLS, REACTOME\_REGULATION\_OF\_GENE\_EXPRESSION\_IN\_BETA\_CELLS  
GO\_NEPHRON\_EPITHELIUM\_DEVELOPMENT, GO\_NEPHRON\_EPITHELIUM\_DEVELOPMENT