

S\_TNF\_TREATED\_TREG\_2H\_UP, GSE18893\_CTRL\_VS\_TNF\_TREATED\_TREG\_2H\_UP

GSE22589\_HEALTHY\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN, GSE22589\_HEALTHY\_VS\_HIV\_AND\_SIV\_INFECTED\_DC\_DN  
GSE32423\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_IL7\_IL4\_DN, GSE32423\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_IL7\_IL4\_DN  
GSE31082\_CD4\_VS\_CD8\_SP\_THYMOCYTE\_UP, GSE31082\_CD4\_VS\_CD8\_SP\_THYMOCYTE\_UP  
GSE19825\_CD24LOW\_VS\_IL2RA\_HIGH\_DAY3\_EFF\_CD8\_TCELL\_UP, GSE19825\_CD24LOW\_VS\_IL2RA\_HIGH\_DAY3\_EFF\_CD8\_TCELL\_UP  
GSE24671\_CTRL\_VS\_BAKIMULC\_INFECTED\_MOUSE\_SPLENOCYTES\_UP, GSE24671\_CTRL\_VS\_BAKIMULC\_INFECTED\_MOUSE\_SPLENOCYTES\_UP  
GSE32423\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_DN, GSE32423\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_DN  
GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_DN, GSE1925\_3H\_VS\_24H\_IFNG\_STIM\_IFNG\_PRIMED\_MACROPHAGE\_DN  
GSE18893\_TCONV\_VS\_TREG\_2H\_CULTURE\_UP, GSE18893\_TCONV\_VS\_TREG\_2H\_CULTURE\_UP  
GSE33424\_CD161\_INT\_VS\_NEG\_CD8\_TCELL\_DN, GSE33424\_CD161\_INT\_VS\_NEG\_CD8\_TCELL\_DN  
GSE40068\_BCL6\_POS\_VS\_NEG\_CXCR5\_POS\_TFH\_DN, GSE40068\_BCL6\_POS\_VS\_NEG\_CXCR5\_POS\_TFH\_DN  
GSE25123\_ROSIGLITAZONE\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_PPARG\_KO\_MACROPHAGE\_DAY10\_DN, GSE25123\_ROSIGLITAZONE\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_PPARG\_KO\_MACROPHAGE\_DAY10\_DN  
GSE22611\_NOD2\_TRANSDUCED\_VS\_CTRL\_HEK293T\_STIMULATED\_WITH\_MDP\_2H\_UP, GSE22611\_NOD2\_TRANSDUCED\_VS\_CTRL\_HEK293T\_STIMULATED\_WITH\_MDP\_2H\_UP  
GSE2770\_UNTREATED\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_UP, GSE2770\_UNTREATED\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_UP  
GSE41867\_NAIVE\_VS\_DAY6\_LCMV\_EFFECTOR\_CD8\_TCELL\_DN, GSE41867\_NAIVE\_VS\_DAY6\_LCMV\_EFFECTOR\_CD8\_TCELL\_DN  
GSE17186\_NAIVE\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_DN, GSE17186\_NAIVE\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_DN  
GSE42021\_TCONV\_PLN\_VS\_CD24LO\_TCONV\_THYMUS\_DN, GSE42021\_TCONV\_PLN\_VS\_CD24LO\_TCONV\_THYMUS\_DN  
GSE12198\_NK\_VS\_NK\_ACT\_EXPANSION\_SYSTEM\_DERIVED\_NK\_CELL\_UP, GSE12198\_NK\_VS\_NK\_ACT\_EXPANSION\_SYSTEM\_DERIVED\_NK\_CELL\_UP  
GSE7831\_1H\_VS\_4H\_INFLUENZA\_STIM\_PDC\_DN, GSE7831\_1H\_VS\_4H\_INFLUENZA\_STIM\_PDC\_DN  
GSE25088\_WT\_VS\_STAT6\_KO\_MACROPHAGE\_ROSIGLITAZONE\_STIM\_DN, GSE25088\_WT\_VS\_STAT6\_KO\_MACROPHAGE\_ROSIGLITAZONE\_STIM\_DN  
GO\_PROTEIN\_AUTOPHOSPHORYLATION, GO\_PROTEIN\_AUTOPHOSPHORYLATION  
GSE14350\_IL2RB\_KO\_VS\_WT\_TEFF\_UP, GSE14350\_IL2RB\_KO\_VS\_WT\_TEFF\_UP  
GSE18893\_TCONV\_VS\_TREG\_24H\_CULTURE\_UP, GSE18893\_TCONV\_VS\_TREG\_24H\_CULTURE\_UP  
GSE11961\_FOLLICULAR\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP, GSE11961\_FOLLICULAR\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP  
GSE8921\_UNSTIM\_VS\_TLR1\_2\_STIM\_MONOCYTE\_6H\_UP, GSE8921\_UNSTIM\_VS\_TLR1\_2\_STIM\_MONOCYTE\_6H\_UP  
GO\_REGULATION\_OF\_RHO\_PROTEIN\_SIGNAL\_TRANSDUCTION, GO\_REGULATION\_OF\_RHO\_PROTEIN\_SIGNAL\_TRANSDUCTION  
GSE18893\_CTRL\_VS\_TNF\_TREATED\_TREG\_24H\_DN, GSE18893\_CTRL\_VS\_TNF\_TREATED\_TREG\_24H\_DN  
KIM\_WT1\_TARGETS\_8HR\_UP, KIM\_WT1\_TARGETS\_8HR\_UP  
GSE32533\_WT\_VS\_MIR17\_KO\_ACT\_CD4\_TCELL\_UP, GSE32533\_WT\_VS\_MIR17\_KO\_ACT\_CD4\_TCELL\_UP  
DACOSTA\_UV\_RESPONSE\_VIA\_ERCC3\_COMMON\_UP, DACOSTA\_UV\_RESPONSE\_VIA\_ERCC3\_COMMON\_UP  
PID\_RET\_PATHWAY, PID\_RET\_PATHWAY  
KEGG\_COLORECTAL\_CANCER, KEGG\_COLORECTAL\_CANCER  
GOLDRATH\_IMMUNE\_MEMORY, GOLDRATH\_IMMUNE\_MEMORY  
BEIER\_GLIOMA\_STEM\_CELL\_DN, BEIER\_GLIOMA\_STEM\_CELL\_DN  
HOOI\_ST7\_TARGETS\_DN, HOOI\_ST7\_TARGETS\_DN  
GAGCCTG\_MIR484, GAGCCTG\_MIR484  
GO\_RUFFLE\_MEMBRANE, GO\_RUFFLE\_MEMBRANE  
GO\_SMAD\_BINDING, GO\_SMAD\_BINDING  
GSE9650\_EFFECTOR\_VS\_EXHAUSTED\_CD8\_TCELL\_DN, GSE9650\_EFFECTOR\_VS\_EXHAUSTED\_CD8\_TCELL\_DN  
GO\_ACTIN\_BASED\_CELL\_PROJECTION, GO\_ACTIN\_BASED\_CELL\_PROJECTION  
KEGG\_RENAL\_CELL\_CARCINOMA, KEGG\_RENAL\_CELL\_CARCINOMA  
GSE28237\_FOLLICULAR\_VS\_LATE\_GC\_BCELL\_UP, GSE28237\_FOLLICULAR\_VS\_LATE\_GC\_BCELL\_UP  
GSE15330\_LYMPHOID\_MULTIPOTENT\_VS\_MEGAKARYOCYTE\_ERYTHROID\_PROGENITOR\_IKAROS\_KO\_UP, GSE15330\_LYMPHOID\_MULTIPOTENT\_VS\_MEGAKARYOCYTE\_ERYTHROID\_PROGENITOR\_IKAROS\_KO\_UP  
LUI\_THYROID\_CANCER\_CLUSTER\_2, LUI\_THYROID\_CANCER\_CLUSTER\_2  
YAATNRNNNNYNATT\_UNKNOWN, YAATNRNNNNYNATT\_UNKNOWN  
GO\_NEPHRON\_EPITHELIUM\_DEVELOPMENT, GO\_NEPHRON\_EPITHELIUM\_DEVELOPMENT  
GO\_NEGATIVE\_REGULATION\_OF\_TRANSMEMBRANE\_RECEPTOR\_PROTEIN\_SERINE\_THREONINE\_KINASE\_SIGNALING\_PATHWAY, GO\_NEGATIVE\_REGULATION\_OF\_TRANSMEMBRANE\_RECEPTOR\_PROTEIN\_SERINE\_THREONINE\_KINASE\_SIGNALING\_PATHWAY  
GO\_NEGATIVE\_REGULATION\_OF\_CELLULAR\_RESPONSE\_TO\_GROWTH\_FACTOR\_STIMULUS, GO\_NEGATIVE\_REGULATION\_OF\_CELLULAR\_RESPONSE\_TO\_GROWTH\_FACTOR\_STIMULUS  
GSE36527\_CD62L\_HIGH\_CD69\_NEG\_VS\_CD62L\_LOW\_CD69\_POS\_TREG\_KLRG1\_NEG\_DN, GSE36527\_CD62L\_HIGH\_CD69\_NEG\_VS\_CD62L\_LOW\_CD69\_POS\_TREG\_KLRG1\_NEG\_DN  
GO\_EPITHELIAL\_CELL\_DIFFERENTIATION\_INVOLVED\_IN\_KIDNEY\_DEVELOPMENT, GO\_EPITHELIAL\_CELL\_DIFFERENTIATION\_INVOLVED\_IN\_KIDNEY\_DEVELOPMENT  
REACTOME\_GPVI\_MEDIATED\_ACTIVATION\_CASCADE, REACTOME\_GPVI\_MEDIATED\_ACTIVATION\_CASCADE  
GO\_NEGATIVE\_REGULATION\_OF\_EPITHELIAL\_CELL\_PROLIFERATION, GO\_NEGATIVE\_REGULATION\_OF\_EPITHELIAL\_CELL\_PROLIFERATION  
PID\_RAC1\_REG\_PATHWAY, PID\_RAC1\_REG\_PATHWAY  
GO\_REGULATION\_OF\_METANEPHROS\_DEVELOPMENT, GO\_REGULATION\_OF\_METANEPHROS\_DEVELOPMENT  
GO\_CELL\_DIFFERENTIATION\_INVOLVED\_IN\_KIDNEY\_DEVELOPMENT, GO\_CELL\_DIFFERENTIATION\_INVOLVED\_IN\_KIDNEY\_DEVELOPMENT  
GO\_REGULATION\_OF\_KIDNEY\_DEVELOPMENT, GO\_REGULATION\_OF\_KIDNEY\_DEVELOPMENT  
PID\_P38\_ALPHA\_BETA\_DOWNSTREAM\_PATHWAY, PID\_P38\_ALPHA\_BETA\_DOWNSTREAM\_PATHWAY  
GO\_POSITIVE\_REGULATION\_OF\_METANEPHROS\_DEVELOPMENT, GO\_POSITIVE\_REGULATION\_OF\_METANEPHROS\_DEVELOPMENT  
GO\_REGULATION\_OF\_OSSIFICATION, GO\_REGULATION\_OF\_OSSIFICATION  
GO\_REGULATION\_OF\_BMP\_SIGNALING\_PATHWAY, GO\_REGULATION\_OF\_BMP\_SIGNALING\_PATHWAY  
GO\_EPITHELIAL\_CELL\_MORPHOGENESIS, GO\_EPITHELIAL\_CELL\_MORPHOGENESIS  
NAKAMURA\_CANCER\_MICROENVIRONMENT\_UP, NAKAMURA\_CANCER\_MICROENVIRONMENT\_UP  
NIELSEN\_MALIGNAT\_FIBROUS\_HISTIOCYTOMA\_DN, NIELSEN\_MALIGNAT\_FIBROUS\_HISTIOCYTOMA\_DN  
VANASSE\_BCL2\_TARGETS\_UP, VANASSE\_BCL2\_TARGETS\_UP  
GO\_MAGNESIUM\_ION\_TRANSMEMBRANE\_TRANSPORT, GO\_MAGNESIUM\_ION\_TRANSMEMBRANE\_TRANSPORT  
GO\_REGULATION\_OF\_EPITHELIAL\_CELL\_DIFFERENTIATION, GO\_REGULATION\_OF\_EPITHELIAL\_CELL\_DIFFERENTIATION