

K\_CELL\_24H\_VS\_SPLENOCYTE\_DN, GSE7764\_IL15\_NK\_CELL\_24H\_VS\_SPLENOCYTE\_DN

GSE21380\_NON\_TFH\_VS\_GERMINAL\_CENTER\_TFH\_CD4\_TCELL\_DN, GSE21380\_NON\_TFH\_VS\_GERMINAL\_CENTER\_TFH\_CD4\_TCELL\_DN  
GSE41867\_NAIVE\_VS\_DAY8\_LCMV\_EFFECTOR\_CD8\_TCELL\_DN, GSE41867\_NAIVE\_VS\_DAY8\_LCMV\_EFFECTOR\_CD8\_TCELL\_DN  
GSE15733\_BM\_VS\_SPLEEN\_MEMORY\_CD4\_TCELL\_DN, GSE15733\_BM\_VS\_SPLEEN\_MEMORY\_CD4\_TCELL\_DN  
GSE2770\_IL12\_AND\_TGFB\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP, GSE2770\_IL12\_AND\_TGFB\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP  
GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL4\_TREATED\_ACT\_CD4\_TCELL\_4H\_UP, GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL4\_TREATED\_ACT\_CD4\_TCELL\_4H\_UP  
GSE19888\_CTRL\_VS\_A3R\_INHIBITOR\_TREATED\_MAST\_CELL\_DN, GSE19888\_CTRL\_VS\_A3R\_INHIBITOR\_TREATED\_MAST\_CELL\_DN  
GSE40068\_CXCR5POS\_BCL6POS\_TFH\_VS\_CXCR5NEG\_BCL6NEG\_CD4\_TCELL\_UP, GSE40068\_CXCR5POS\_BCL6POS\_TFH\_VS\_CXCR5NEG\_BCL6NEG\_CD4\_TCELL\_UP  
GSE10240\_CTRL\_VS\_IL17\_STIM\_PRIMARY\_BRONCHIAL\_EPITHELIAL\_CELLS\_DN, GSE10240\_CTRL\_VS\_IL17\_STIM\_PRIMARY\_BRONCHIAL\_EPITHELIAL\_CELLS\_DN  
GSE7764\_NKCELL\_VS\_SPLENOCYTE\_DN, GSE7764\_NKCELL\_VS\_SPLENOCYTE\_DN  
GSE40666\_WT\_VS\_STAT1\_KO\_CD8\_TCELL\_UP, GSE40666\_WT\_VS\_STAT1\_KO\_CD8\_TCELL\_UP  
GSE7219\_UNSTIM\_VS\_LPS\_AND\_ANTI\_CD40\_STIM\_NIK\_NFKB2\_KO\_DC\_UP, GSE7219\_UNSTIM\_VS\_LPS\_AND\_ANTI\_CD40\_STIM\_NIK\_NFKB2\_KO\_DC\_UP  
GSE40068\_CXCR5POS\_BCL6POS\_TFH\_VS\_CXCR5NEG\_BCL6NEG\_CD4\_TCELL\_DN, GSE40068\_CXCR5POS\_BCL6POS\_TFH\_VS\_CXCR5NEG\_BCL6NEG\_CD4\_TCELL\_DN  
GSE21546\_SAP1A\_KO\_VS\_SAP1A\_KO\_AND\_ELK1\_KO\_ANTI\_CD3\_STIM\_DP\_THYMOCYTES\_UP, GSE21546\_SAP1A\_KO\_VS\_SAP1A\_KO\_AND\_ELK1\_KO\_ANTI\_CD3\_STIM\_DP\_THYMOCYTES\_UP  
GSE21546\_WT\_VS\_SAP1A\_KO\_AND\_ELK1\_KO\_DP\_THYMOCYTES\_DN, GSE21546\_WT\_VS\_SAP1A\_KO\_AND\_ELK1\_KO\_DP\_THYMOCYTES\_DN  
GSE32901\_TH1\_VS\_TH17\_ENRICHED\_CD4\_TCELL\_UP, GSE32901\_TH1\_VS\_TH17\_ENRICHED\_CD4\_TCELL\_UP  
GSE24574\_BCL6\_LOW\_TFH\_VS\_NAIVE\_CD4\_TCELL\_UP, GSE24574\_BCL6\_LOW\_TFH\_VS\_NAIVE\_CD4\_TCELL\_UP  
GSE39556\_UNTREATED\_VS\_3H\_POLYIC\_INJ\_MOUSE\_CD8A\_DC\_UP, GSE39556\_UNTREATED\_VS\_3H\_POLYIC\_INJ\_MOUSE\_CD8A\_DC\_UP  
GSE40273\_XBP1\_KO\_VS\_WT\_TREG\_DN, GSE40273\_XBP1\_KO\_VS\_WT\_TREG\_DN  
GSE11961\_GERMINAL\_CENTER\_BCELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_DN, GSE11961\_GERMINAL\_CENTER\_BCELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_DN  
GSE26727\_WT\_VS\_KLF2\_KO\_LPS\_STIM\_MACROPHAGE\_UP, GSE26727\_WT\_VS\_KLF2\_KO\_LPS\_STIM\_MACROPHAGE\_UP  
GSE39916\_B\_CELL\_SPLEEN\_VS\_PLASMA\_CELL\_BONE\_MARROW\_UP, GSE39916\_B\_CELL\_SPLEEN\_VS\_PLASMA\_CELL\_BONE\_MARROW\_UP  
GSE37301\_HEMATOPOIETIC\_STEM\_CELL\_VS\_RAG2\_KO\_NK\_CELL\_UP, GSE37301\_HEMATOPOIETIC\_STEM\_CELL\_VS\_RAG2\_KO\_NK\_CELL\_UP  
AACATTC\_MIR4093P, AACATTC\_MIR4093P  
GSE25677\_MPL\_VS\_R848\_STIM\_BCELL\_UP, GSE25677\_MPL\_VS\_R848\_STIM\_BCELL\_UP  
GSE10239\_MEMORY\_VS\_DAY4.5\_EFF\_CD8\_TCELL\_UP, GSE10239\_MEMORY\_VS\_DAY4.5\_EFF\_CD8\_TCELL\_UP  
HALLMARK\_HEME\_METABOLISM, HALLMARK\_HEME\_METABOLISM  
GSE27241\_CTRL\_VS\_DIGOXIN\_TREATED\_RORGT\_KO\_CD4\_TCELL\_IN\_TH17\_POLARIZING\_CONDITIONS\_DN, GSE27241\_CTRL\_VS\_DIGOXIN\_TREATED\_RORGT\_KO\_CD4\_TCELL\_IN\_TH17\_POLARIZING\_CONDITIONS\_DN  
GOBP\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_IN\_RESPONSE\_TO\_DNA\_DAMAGE, GOBP\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_IN\_RESPONSE\_TO\_DNA\_DAMAGE  
GOBP\_POSITIVE\_REGULATION\_OF\_BINDING, GOBP\_POSITIVE\_REGULATION\_OF\_BINDING  
GSE31622\_WT\_VS\_KLF3\_KO\_BCELL\_DN, GSE31622\_WT\_VS\_KLF3\_KO\_BCELL\_DN  
HP\_IMMUNOLOGIC\_HYPERSENSITIVITY, HP\_IMMUNOLOGIC\_HYPERSENSITIVITY  
GSE11057\_NAIVE\_VS\_CENT\_MEMORY\_CD4\_TCELL\_UP, GSE11057\_NAIVE\_VS\_CENT\_MEMORY\_CD4\_TCELL\_UP  
GSE13738\_RESTING\_VS\_BYSTANDER\_ACTIVATED\_CD4\_TCELL\_UP, GSE13738\_RESTING\_VS\_BYSTANDER\_ACTIVATED\_CD4\_TCELL\_UP  
GSE29164\_DAY3\_VS\_DAY7\_CD8\_TCELL\_TREATED\_MELANOMA\_DN, GSE29164\_DAY3\_VS\_DAY7\_CD8\_TCELL\_TREATED\_MELANOMA\_DN  
CCCNNNNNNAAGWT\_UNKNOWN, CCCNNNNNNNAAGWT\_UNKNOWN  
GSE26495\_PD1HIGH\_VS\_PD1LOW\_CD8\_TCELL\_DN, GSE26495\_PD1HIGH\_VS\_PD1LOW\_CD8\_TCELL\_DN  
JINESH\_BLEBBISHIELD\_TRANSFORMED\_STEM\_CELL\_SPHERES\_UP, JINESH\_BLEBBISHIELD\_TRANSFORMED\_STEM\_CELL\_SPHERES\_UP  
HP\_NEOPLASM\_OF\_THE\_LIVER, HP\_NEOPLASM\_OF\_THE\_LIVER  
PEDERSEN\_TARGETS\_OF\_611CTF\_ISOFORM\_OF\_ERBB2, PEDERSEN\_TARGETS\_OF\_611CTF\_ISOFORM\_OF\_ERBB2  
REACTOME\_CELL\_CELL\_COMMUNICATION, REACTOME\_CELL\_CELL\_COMMUNICATION  
GOCC\_NEURON\_PROJECTION\_MEMBRANE, GOCC\_NEURON\_PROJECTION\_MEMBRANE  
GOBP\_POSITIVE\_REGULATION\_OF\_TRANSMEMBRANE\_RECEPTOR\_PROTEIN\_SERINE\_THREONINE\_KINASE\_SIGNALING\_PATHWAY, GOBP\_POSITIVE\_REGULATION\_OF\_TRANSMEMBRANE\_RECEPTOR\_PROTEIN\_SERINE\_THREONINE\_KINASE\_SIGNALING\_PATHWAY  
GSE22601\_DOUBLE\_NEGATIVE\_VS\_CD8\_SINGLE\_POSITIVE\_THYMOCYTE\_DN, GSE22601\_DOUBLE\_NEGATIVE\_VS\_CD8\_SINGLE\_POSITIVE\_THYMOCYTE\_DN  
RODRIGUES\_NTN1\_AND\_DCC\_TARGETS, RODRIGUES\_NTN1\_AND\_DCC\_TARGETS  
GOBP\_KIDNEY\_EPITHELIUM\_DEVELOPMENT, GOBP\_KIDNEY\_EPITHELIUM\_DEVELOPMENT  
PTEN\_DN.V1\_UP, PTEN\_DN.V1\_UP  
DURANTE\_ADULT\_OLFACTORY\_NEUROEPITHELIUM\_PERICYTES, DURANTE\_ADULT\_OLFACTORY\_NEUROEPITHELIUM\_PERICYTES  
DESCARTES\_FETAL\_SPLEEN\_ERYTHROBLASTS, DESCARTES\_FETAL\_SPLEEN\_ERYTHROBLASTS  
DESCARTES\_FETAL\_LIVER\_ERYTHROBLASTS, DESCARTES\_FETAL\_LIVER\_ERYTHROBLASTS  
STEARMAN\_TUMOR\_FIELD\_EFFECT\_UP, STEARMAN\_TUMOR\_FIELD\_EFFECT\_UP  
ATM\_DN.V1\_DN, ATM\_DN.V1\_DN  
RAMASWAMY\_METASTASIS\_DN, RAMASWAMY\_METASTASIS\_DN  
GOBP\_NEPHRON\_EPITHELIUM\_DEVELOPMENT, GOBP\_NEPHRON\_EPITHELIUM\_DEVELOPMENT  
HP\_ABNORMAL\_BLOOD\_MONOVALENT\_INORGANIC\_CATION\_CONCENTRATION, HP\_ABNORMAL\_BLOOD\_MONOVALENT\_INORGANIC\_CATION\_CONCENTRATION  
VERNOCHET\_ADIPOGENESIS, VERNOCHET\_ADIPOGENESIS  
GOBP\_RESPONSE\_TO\_ESTROGEN, GOBP\_RESPONSE\_TO\_ESTROGEN  
WENG\_POR\_TARGETS\_LIVER\_DN, WENG\_POR\_TARGETS\_LIVER\_DN  
REACTOME\_SCAVENGING\_BY\_CLASS\_A\_RECEPTORS, REACTOME\_SCAVENGING\_BY\_CLASS\_A\_RECEPTORS  
GOMF\_ICOSANOID\_RECEPTOR\_ACTIVITY, GOMF\_ICOSANOID\_RECEPTOR\_ACTIVITY  
BIOCARTA\_IL17\_PATHWAY, BIOCARTA\_IL17\_PATHWAY  
GOBP\_THYROID\_HORMONE\_METABOLIC\_PROCESS, GOBP\_THYROID\_HORMONE\_METABOLIC\_PROCESS  
GOBP\_POSITIVE\_REGULATION\_OF\_INSULIN\_LIKE\_GROWTH\_FACTOR\_RECEPTOR\_SIGNALING\_PATHWAY, GOBP\_POSITIVE\_REGULATION\_OF\_INSULIN\_LIKE\_GROWTH\_FACTOR\_RECEPTOR\_SIGNALING\_PATHWAY  
BOQUEST\_STEM\_CELL\_CULTURED\_VS\_FRESH\_DN, BOQUEST\_STEM\_CELL\_CULTURED\_VS\_FRESH\_DN