GSE12392 WT\_VS\_IFNB\_KO\_CD8A\_NEG\_SPLEEN\_DC\_DN, GSE12392 WT\_VS\_IFNB\_KO\_CD8A\_NEG\_SPLEEN\_DC\_DN GSE7568\_IL4\_TGFB\_DEXAMETHASONE\_VS\_IL4\_TGFB\_TREATED\_MACROPHAGE\_DN, GSE7568\_IL4\_TGFB\_DEXAMETHASONE\_VS\_IL4\_TGFB\_TREATED\_MACROPHAGE\_DN GSE25123\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_UP, GSE25123\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_UP GSE36009\_WT\_VS\_NLRP10\_KO\_DC\_UP, GSE36009\_WT\_VS\_NLRP10\_KO\_DC\_UP GSE411\_WT\_VS\_SOCS3\_KO\_MACROPHAGE\_IL6\_STIM\_100MIN\_DN, GSE411\_WT\_VS\_SOCS3\_KO\_MACROPHAGE\_IL6\_STIM\_100MIN\_DN GSE13522\_CTRL\_VS\_T\_CRUZI\_G\_STRAIN\_INF\_SKIN\_UP, GSE13522\_CTRL\_VS\_T\_CRUZI\_G\_STRAIN\_INF\_SKIN\_UP GSE11961\_GERMINAL\_CENTER\_BCELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_DN, GSE11961\_GERMINAL\_CENTER\_BCELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_DN GSE5503\_LIVER\_DC\_VS\_SPLEEN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN, GSE5503\_LIVER\_DC\_VS\_SPLEEN\_DC\_ACTIVATED\_ALLOGENIC\_TCELL\_DN GSE32986\_UNSTIM\_VS\_GMCSF\_STIM\_DC\_UP, GSE32986\_UNSTIM\_VS\_GMCSF\_STIM\_DC\_UP GSE40277\_EOS\_AND\_LEF1\_TRANSDUCED\_VS\_GATA1\_AND\_SATB1\_TRANSDUCED\_CD4\_TCELL\_UP, GSE40277\_EOS\_AND\_LEF1\_TRANSDUCED\_VS\_GATA1\_AND\_SATB1\_TRANSDUCED\_CD4\_TCELL\_UP GSE8921\_UNSTIM\_0H\_VS\_TLR1\_2\_STIM\_MONOCYTE\_6H\_DN, GSE8921\_UNSTIM\_0H\_VS\_TLR1\_2\_STIM\_MONOCYTE\_6H\_DN GSE40666\_NAIVE\_VS\_EFFECTOR\_CD8\_TCELL\_WITH\_IFNA\_STIM\_90MIN\_UP, GSE40666\_NAIVE\_VS\_EFFECTOR\_CD8\_TCELL\_WITH\_IFNA\_STIM\_90MIN\_UP GSE5142\_CTRL\_VS\_HTERT\_TRANSDUCED\_CD8\_TCELL\_EARLY\_PASSAGE\_CLONE\_UP, GSE5142\_CTRL\_VS\_HTERT\_TRANSDUCED\_CD8\_TCELL\_EARLY\_PASSAGE\_CLONE\_UP GSE17186\_NAIVE\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_DN, GSE17186\_NAIVE\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_DN GSE40666\_WT\_VS\_STAT1\_KO\_CD8\_TCELL\_WITH\_IFNA\_STIM\_90MIN\_UP, GSE40666\_WT\_VS\_STAT1\_KO\_CD8\_TCELL\_WITH\_IFNA\_STIM\_90MIN\_UP GSE39556\_UNTREATED\_VS\_3H\_POLYIC\_INJ\_MOUSE\_CD8A\_DC\_UP, GSE39556\_UNTREATED\_VS\_3H\_POLYIC\_INJ\_MOUSE\_CD8A\_DC\_UP GSE20366\_EX\_VIVO\_VS\_DEC205\_CONVERSION\_UP, GSE20366\_EX\_VIVO\_VS\_DEC205\_CONVERSION\_UP GSE557\_WT\_VS\_CIITA\_KO\_DC\_DN, GSE557\_WT\_VS\_CIITA\_KO\_DC\_DN GSE17721\_12H\_VS\_24H\_GARDIQUIMOD\_BMDC\_UP, GSE17721\_12H\_VS\_24H\_GARDIQUIMOD\_BMDC\_UP GSE20366\_TREG\_VS\_NAIVE\_CD4\_TCELL\_UP, GSE20366\_TREG\_VS\_NAIVE\_CD4\_TCELL\_UP GSE26669 CTRL VS COSTIM BLOCK MLR CD8 TCELL DN, GSE26669 CTRL VS COSTIM BLOCK MLR CD8 TCELL DN GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_PRO\_BCELL\_DN, GSE37301\_MULTIPOTENT\_PROGENITOR\_VS\_PRO\_BCELL\_DN LI\_WILMS\_TUMOR\_VS\_FETAL\_KIDNEY\_1\_UP, LI\_WILMS\_TUMOR\_VS\_FETAL\_KIDNEY\_1\_UP GSE17186 MEMORY VS CD21LOW TRANSITIONAL BCELL DN, GSE17186 MEMORY VS CD21LOW TRANSITIONAL BCELL DN GSE36078\_WT\_VS\_IL1R\_KO\_LUNG\_DC\_DN, GSE36078\_WT\_VS\_IL1R\_KO\_LUNG\_DC\_DN GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_8H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_8H\_BMDC\_UP GSE11961\_MARGINAL\_ZONE\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY7\_UP, GSE11961\_MARGINAL\_ZONE\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY7\_UP GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4HIGH\_BCELL\_DN, GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4HIGH\_BCELL\_DN GSE25088\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_DN, GSE25088\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_DN GSE40441\_NRP1\_POS\_INDUCED\_TREG\_VS\_NRP1\_NEG\_NATURAL\_TREG\_UP, GSE40441\_NRP1\_POS\_INDUCED\_TREG\_VS\_NRP1\_NEG\_NATURAL\_TREG\_UP MIR181A\_2\_3P, MIR181A\_2\_3P GOMF\_PROTEIN\_TYROSINE\_KINASE\_ACTIVITY, GOMF\_PROTEIN\_TYROSINE\_KINASE\_ACTIVITY GSE21927\_GMCSF\_IL6\_VS\_GMCSF\_GCSF\_TREATED\_BONE\_MARROW\_UP, GSE21927\_GMCSF\_IL6\_VS\_GMCSF\_GCSF\_TREATED\_BONE\_MARROW\_UP GSE37532\_VISCERAL\_ADIPOSE\_TISSUE\_VS\_LN\_DERIVED\_TREG\_CD4\_TCELL\_DN, GSE37532\_VISCERAL\_ADIPOSE\_TISSUE\_VS\_LN\_DERIVED\_TREG\_CD4\_TCELL\_DN ZHONG\_PFC\_C4\_PTGDS\_POS\_OPC, ZHONG\_PFC\_C4\_PTGDS\_POS\_OPC GSE17721\_PAM3CSK4\_VS\_CPG\_16H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_CPG\_16H\_BMDC\_DN GSE5542\_IFNG\_VS\_IFNA\_TREATED\_EPITHELIAL\_CELLS\_24H\_DN, GSE5542\_IFNG\_VS\_IFNA\_TREATED\_EPITHELIAL\_CELLS\_24H\_DN GSE12003\_4D\_VS\_8D\_CULTURE\_BM\_PROGENITOR\_DN, GSE12003\_4D\_VS\_8D\_CULTURE\_BM\_PROGENITOR\_DN GSE11961\_MEMORY\_BCELL\_DAY7\_VS\_PLASMA\_CELL\_DAY7\_DN, GSE11961\_MEMORY\_BCELL\_DAY7\_VS\_PLASMA\_CELL\_DAY7\_DN CUI\_DEVELOPING\_HEART\_C6\_EPICARDIAL\_CELL, CUI\_DEVELOPING\_HEART\_C6\_EPICARDIAL\_CELL GSE20715 WT VS TLR4 KO 24H OZONE LUNG UP, GSE20715 WT VS TLR4 KO 24H OZONE LUNG UP PETROVA ENDOTHELIUM LYMPHATIC VS BLOOD DN, PETROVA ENDOTHELIUM LYMPHATIC VS BLOOD DN GSE30083 SP1 VS SP2 THYMOCYTE DN, GSE30083 SP1 VS SP2 THYMOCYTE DN MIR152\_5P, MIR152\_5P GOBP\_ENTRY\_INTO\_HOST, GOBP\_ENTRY\_INTO\_HOST BP1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_XBP1\_VS\_FOXP3\_AND\_XBP1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP GSE28783\_ANTI\_MIR33\_VS\_CTRL\_ATHEROSCLEROSIS\_MACROPHAGE\_UP, GSE28783\_ANTI\_MIR33\_VS\_CTRL\_ATHEROSCLEROSIS\_MACROPHAGE\_UP GOBP\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_PLASMA\_MEMBRANE, GOBP\_ESTABLISHMENT\_OF\_PROTEIN\_LOCALIZATION\_TO\_PLASMA\_MEMBRANE GSE34179 THPOK KO VS WT VA14I NKTCELL UP, GSE34179 THPOK KO VS WT VA14I NKTCELL UP GOBP\_POSITIVE\_REGULATION\_OF\_PEPTIDYL\_TYROSINE\_PHOSPHORYLATION, GOBP\_POSITIVE\_REGULATION\_OF\_PEPTIDYL\_TYROSINE\_PHOSPHORYLATION AIZARANI\_LIVER\_C4\_EPCAM\_POS\_BILE\_DUCT\_CELLS\_1, AIZARANI\_LIVER\_C4\_EPCAM\_POS\_BILE\_DUCT\_CELLS\_1 GSE37533\_PPARG2\_FOXP3\_VS\_FOXP3\_TRANSDUCED\_CD4\_TCELL\_PIOGLITAZONE\_TREATED\_UP, GSE37533\_PPARG2\_FOXP3\_VS\_FOXP3\_TRANSDUCED\_CD4\_TCELL\_PIOGLITAZONE\_TREATED\_UP KEGG\_CELL\_ADHESION\_MOLECULES\_CAMS, KEGG\_CELL\_ADHESION\_MOLECULES\_CAMS GOMF\_EXOGENOUS\_PROTEIN\_BINDING, GOMF\_EXOGENOUS\_PROTEIN\_BINDING WP\_HIPPOMERLIN\_SIGNALING\_DYSREGULATION, WP\_HIPPOMERLIN\_SIGNALING\_DYSREGULATION MODULE\_122, MODULE\_122 BREDEMEYER RAG SIGNALING VIA ATM NOT VIA NFKB UP, BREDEMEYER RAG SIGNALING VIA ATM NOT VIA NFKB UP MIR597\_3P, MIR597\_3P TRAVAGLINI\_LUNG\_CAPILLARY\_AEROCYTE\_CELL, TRAVAGLINI\_LUNG\_CAPILLARY\_AEROCYTE\_CELL KEGG\_HYPERTROPHIC\_CARDIOMYOPATHY\_HCM, KEGG\_HYPERTROPHIC\_CARDIOMYOPATHY\_HCM MIR6728\_5P, MIR6728\_5P STAMBOLSKY\_RESPONSE\_TO\_VITAMIN\_D3\_UP, STAMBOLSKY\_RESPONSE\_TO\_VITAMIN\_D3\_UP ZHONG\_PFC\_C9\_ORG\_OTHER, ZHONG\_PFC\_C9\_ORG\_OTHER JAZAG\_TGFB1\_SIGNALING\_VIA\_SMAD4\_DN, JAZAG\_TGFB1\_SIGNALING\_VIA\_SMAD4\_DN KEGG\_ARRHYTHMOGENIC\_RIGHT\_VENTRICULAR\_CARDIOMYOPATHY\_ARVC, KEGG\_ARRHYTHMOGENIC\_RIGHT\_VENTRICULAR\_CARDIOMYOPATHY\_ARVC KEGG\_ECM\_RECEPTOR\_INTERACTION, KEGG\_ECM\_RECEPTOR\_INTERACTION WP\_ARRHYTHMOGENIC\_RIGHT\_VENTRICULAR\_CARDIOMYOPATHY, WP\_ARRHYTHMOGENIC\_RIGHT\_VENTRICULAR\_CARDIOMYOPATHY PATEL\_SKIN\_OF\_BODY\_ZOSTAVAX\_AGE\_70\_93YO\_VZV\_CHALLENGE\_6HR\_TOP\_30\_DEG\_UP, PATEL\_SKIN\_OF\_BODY\_ZOSTAVAX\_AGE\_70\_93YO\_VZV\_CHALLENGE\_6HR\_TOP\_30\_DEG\_UP HUANG\_FOXA2\_TARGETS\_UP, HUANG\_FOXA2\_TARGETS\_UP MODULE\_157, MODULE\_157 GOBP\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_IN\_RESPONSE\_TO\_DNA\_DAMAGE\_BY\_P53\_CLASS\_MEDIATOR, GOBP\_INTRINSIC\_APOPTOTIC\_SIGNALING\_PATHWAY\_IN\_RESPONSE\_TO\_DNA HP\_ABNORMAL\_PANCREAS\_MORPHOLOGY, HP\_ABNORMAL\_PANCREAS\_MORPHOLOGY GSE2770\_IL12\_AND\_TGFB\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_DN, GSE2770\_IL12\_AND\_TGFB\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_DN HP\_PRURITUS, HP\_PRURITUS HP\_NEPHROCALCINOSIS, HP\_NEPHROCALCINOSIS GOMF\_INSULIN\_LIKE\_GROWTH\_FACTOR\_BINDING, GOMF\_INSULIN\_LIKE\_GROWTH\_FACTOR\_BINDING GOBP T HELPER 2 CELL DIFFERENTIATION, GOBP T HELPER 2 CELL DIFFERENTIATION GOBP\_REGULATION\_OF\_T\_HELPER\_2\_CELL\_DIFFERENTIATION, GOBP\_REGULATION\_OF\_T\_HELPER\_2\_CELL\_DIFFERENTIATION GOMF\_SEMAPHORIN\_RECEPTOR\_BINDING, GOMF\_SEMAPHORIN\_RECEPTOR\_BINDING DESCARTES\_MAIN\_FETAL\_ENDOCARDIAL\_CELLS, DESCARTES\_MAIN\_FETAL\_ENDOCARDIAL\_CELLS PID\_INTEGRIN4\_PATHWAY, PID\_INTEGRIN4\_PATHWAY REACTOME\_LAMININ\_INTERACTIONS, REACTOME\_LAMININ\_INTERACTIONS ZHONG\_PFC\_MAJOR\_TYPES\_OPC, ZHONG\_PFC\_MAJOR\_TYPES\_OPC GOMF\_CHEMOREPELLENT\_ACTIVITY, GOMF\_CHEMOREPELLENT\_ACTIVITY WP\_PKCGAMMA\_CALCIUM\_SIGNALING\_PATHWAY\_IN\_ATAXIA, WP\_PKCGAMMA\_CALCIUM\_SIGNALING\_PATHWAY\_IN\_ATAXIA HP\_ANGINA\_PECTORIS, HP\_ANGINA\_PECTORIS SINGH\_KRAS\_DEPENDENCY\_SIGNATURE, SINGH\_KRAS\_DEPENDENCY\_SIGNATURE SHIPP\_DLBCL\_CURED\_VS\_FATAL\_UP, SHIPP\_DLBCL\_CURED\_VS\_FATAL\_UP WP\_GPR40\_PATHWAY, WP\_GPR40\_PATHWAY LUI\_THYROID\_CANCER\_CLUSTER\_5, LUI\_THYROID\_CANCER\_CLUSTER\_5 TRAYNOR\_RETT\_SYNDROM\_DN, TRAYNOR\_RETT\_SYNDROM\_DN

GSE40666 UNTREATED VS IFNA STIM STAT1 KO CD8 TCELL 90MIN DN, GSE40666 UNTREATED VS IFNA STIM STAT1 KO CD8 TCELL 90MIN DN

GOBP\_NEGATIVE\_REGULATION\_OF\_BONE\_MINERALIZATION, GOBP\_NEGATIVE\_REGULATION\_OF\_BONE\_MINERALIZATION

GOBP\_BONE\_TRABECULA\_MORPHOGENESIS, GOBP\_BONE\_TRABECULA\_MORPHOGENESIS

GSE29164\_DAY3\_VS\_DAY7\_CD8\_TCELL\_AND\_IL12\_TREATED\_MELANOMA\_UP, GSE29164\_DAY3\_VS\_DAY7\_CD8\_TCELL\_AND\_IL12\_TREATED\_MELANOMA\_UP