GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_CD21LOW\_TRANSITIONAL\_BCELL\_UP, GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_CD21LOW\_TRANSITIONAL\_BCELL\_UP GSE369\_IFNG\_KO\_VS\_WT\_LIVER\_UP, GSE369\_IFNG\_KO\_VS\_WT\_LIVER\_UP GSE41867\_NAIVE\_VS\_DAY8\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_DN, GSE41867\_NAIVE\_VS\_DAY8\_LCMV\_ARMSTRONG\_EFFECTOR\_CD8\_TCELL\_DN GSE43863\_NAIVE\_VS\_MEMORY\_TFH\_CD4\_TCELL\_D150\_LCMV\_UP, GSE43863\_NAIVE\_VS\_MEMORY\_TFH\_CD4\_TCELL\_D150\_LCMV\_UP GSE16522\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_UP, GSE16522\_MEMORY\_VS\_NAIVE\_CD8\_TCELL\_UP GSE2128\_C57BL6\_VS\_NOD\_CD4CD8\_DP\_THYMOCYTE\_DN, GSE2128\_C57BL6\_VS\_NOD\_CD4CD8\_DP\_THYMOCYTE\_DN GSE12392\_WT\_VS\_IFNB\_KO\_CD8A\_NEG\_SPLEEN\_DC\_UP, GSE12392\_WT\_VS\_IFNB\_KO\_CD8A\_NEG\_SPLEEN\_DC\_UP GSE17186\_MEMORY\_VS\_CD21LOW\_TRANSITIONAL\_BCELL\_DN, GSE17186\_MEMORY\_VS\_CD21LOW\_TRANSITIONAL\_BCELL\_DN GSE29164\_DAY3\_VS\_DAY7\_CD8\_TCELL\_AND\_IL12\_TREATED\_MELANOMA\_UP, GSE29164\_DAY3\_VS\_DAY7\_CD8\_TCELL\_AND\_IL12\_TREATED\_MELANOMA\_UP GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_NAIVE\_BCELL\_DN, GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_NAIVE\_BCELL\_DN GSE17186\_NAIVE\_VS\_CD21LOW\_TRANSITIONAL\_BCELL\_DN, GSE17186\_NAIVE\_VS\_CD21LOW\_TRANSITIONAL\_BCELL\_DN GSE15735\_CTRL\_VS\_HDAC\_INHIBITOR\_TREATED\_CD4\_TCELL\_2H\_UP, GSE15735\_CTRL\_VS\_HDAC\_INHIBITOR\_TREATED\_CD4\_TCELL\_2H\_UP GSE17812\_WT\_VS\_THPOK\_KO\_MEMORY\_CD8\_TCELL\_UP, GSE17812\_WT\_VS\_THPOK\_KO\_MEMORY\_CD8\_TCELL\_UP GO\_RNA\_POLYMERASE\_COMPLEX, GO\_RNA\_POLYMERASE\_COMPLEX GSE11961\_FOLLICULAR\_BCELL\_VS\_PLASMA\_CELL\_DAY7\_DN, GSE11961\_FOLLICULAR\_BCELL\_VS\_PLASMA\_CELL\_DAY7\_DN GSE15735\_CTRL\_VS\_HDAC\_INHIBITOR\_TREATED\_CD4\_TCELL\_12H\_UP, GSE15735\_CTRL\_VS\_HDAC\_INHIBITOR\_TREATED\_CD4\_TCELL\_12H\_UP GSE17186 NAIVE VS CD21LOW TRANSITIONAL BCELL CORD BLOOD UP, GSE17186 NAIVE VS CD21LOW TRANSITIONAL BCELL CORD BLOOD UP GSE43863\_DAY6\_EFF\_VS\_DAY150\_MEM\_LY6C\_INT\_CXCR5POS\_CD4\_TCELL\_DN, GSE43863\_DAY6\_EFF\_VS\_DAY150\_MEM\_LY6C\_INT\_CXCR5POS\_CD4\_TCELL\_DN GSE41867\_NAIVE\_VS\_DAY6\_LCMV\_EFFECTOR\_CD8\_TCELL\_UP, GSE41867\_NAIVE\_VS\_DAY6\_LCMV\_EFFECTOR\_CD8\_TCELL\_UP GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_IFNG\_WT\_LIVER\_DN, GSE369\_PRE\_VS\_POST\_IL6\_INJECTION\_IFNG\_WT\_LIVER\_DN GSE20366 CD103 POS VS NEG TREG KLRG1NEG DN, GSE20366 CD103 POS VS NEG TREG KLRG1NEG DN GSE2770\_UNTREATED\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_UP, GSE2770\_UNTREATED\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_6H\_UP GSE11961\_MARGINAL\_ZONE\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP, GSE11961\_MARGINAL\_ZONE\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP GSE2770\_IL12\_AND\_TGFB\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP, GSE2770\_IL12\_AND\_TGFB\_VS\_IL4\_TREATED\_ACT\_CD4\_TCELL\_48H\_UP GSE17186\_MEMORY\_VS\_NAIVE\_BCELL\_UP, GSE17186\_MEMORY\_VS\_NAIVE\_BCELL\_UP GSE11961\_MEMORY\_BCELL\_DAY7\_VS\_MEMORY\_BCELL\_DAY40\_UP, GSE11961\_MEMORY\_BCELL\_DAY7\_VS\_MEMORY\_BCELL\_DAY40\_UP GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_48H\_DN, GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_48H\_DN GSE17721\_POLYIC\_VS\_CPG\_16H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_CPG\_16H\_BMDC\_UP \_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_UP, GSE17186\_NAIVE\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_UP GSE21678\_WT\_VS\_FOXO1\_FOXO3\_KO\_TREG\_DN, GSE21678\_WT\_VS\_FOXO1\_FOXO3\_KO\_TREG\_DN GSE27786\_CD8\_TCELL\_VS\_NKCELL\_UP, GSE27786\_CD8\_TCELL\_VS\_NKCELL\_UP GSE40685\_NAIVE\_CD4\_TCELL\_VS\_FOXP3\_KO\_TREG\_PRECURSOR\_UP, GSE40685\_NAIVE\_CD4\_TCELL\_VS\_FOXP3\_KO\_TREG\_PRECURSOR\_UP GSE39556\_UNTREATED\_VS\_3H\_POLYIC\_INJ\_MOUSE\_CD8A\_DC\_UP, GSE39556\_UNTREATED\_VS\_3H\_POLYIC\_INJ\_MOUSE\_CD8A\_DC\_UP GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_CD21HIGH\_TRANSITIONAL\_BCELL\_DN, GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_CD21HIGH\_TRANSITIONAL\_BCELL\_DN GSE17721\_POLYIC\_VS\_PAM3CSK4\_6H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_PAM3CSK4\_6H\_BMDC\_UP GSE24142\_ADULT\_VS\_FETAL\_DN2\_THYMOCYTE\_UP, GSE24142\_ADULT\_VS\_FETAL\_DN2\_THYMOCYTE\_UP GSE17186 NAIVE VS CD21HIGH TRANSITIONAL BCELL CORD BLOOD DN, GSE17186 NAIVE VS CD21HIGH TRANSITIONAL BCELL CORD BLOOD DN GSE3039 NKT CELL VS B1 BCELL UP, GSE3039 NKT CELL VS B1 BCELL UP GSE11961\_MARGINAL\_ZONE\_BCELL\_VS\_PLASMA\_CELL\_DAY7\_UP, GSE11961\_MARGINAL\_ZONE\_BCELL\_VS\_PLASMA\_CELL\_DAY7\_UP GSE32255\_WT\_VS\_JMJD2D\_KNOCKDOWN\_4H\_LPS\_STIM\_DC\_UP, GSE32255\_WT\_VS\_JMJD2D\_KNOCKDOWN\_4H\_LPS\_STIM\_DC\_UP GSE5542\_IFNG\_VS\_IFNA\_TREATED\_EPITHELIAL\_CELLS\_24H\_DN, GSE5542\_IFNG\_VS\_IFNA\_TREATED\_EPITHELIAL\_CELLS\_24H\_DN GSE25123\_WT\_VS\_PPARG\_KO\_MACROPHAGE\_ROSIGLITAZONE\_STIM\_DN, GSE25123\_WT\_VS\_PPARG\_KO\_MACROPHAGE\_ROSIGLITAZONE\_STIM\_DN GSE13547\_CTRL\_VS\_ANTI\_IGM\_STIM\_ZFX\_KO\_BCELL\_12H\_DN, GSE13547\_CTRL\_VS\_ANTI\_IGM\_STIM\_ZFX\_KO\_BCELL\_12H\_DN GSE9509\_10MIN\_VS\_30MIN\_LPS\_STIM\_IL10\_KO\_MACROPHAGE\_DN, GSE9509\_10MIN\_VS\_30MIN\_LPS\_STIM\_IL10\_KO\_MACROPHAGE\_DN GSE40441\_NRP1\_POS\_INDUCED\_TREG\_VS\_NRP1\_NEG\_NATURAL\_TREG\_UP, GSE40441\_NRP1\_POS\_INDUCED\_TREG\_VS\_NRP1\_NEG\_NATURAL\_TREG\_UP GSE18203\_CTRL\_VS\_INTRATUMORAL\_CPG\_INJ\_MC38\_TUMOR\_UP, GSE18203\_CTRL\_VS\_INTRATUMORAL\_CPG\_INJ\_MC38\_TUMOR\_UP GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_6H\_IFNA\_STIM\_DN, GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_6H\_IFNA\_STIM\_DN REACTOME\_MITOCHONDRIAL\_TRNA\_AMINOACYLATION, REACTOME\_MITOCHONDRIAL\_TRNA\_AMINOACYLATION KIM\_MYC\_AMPLIFICATION\_TARGETS\_DN, KIM\_MYC\_AMPLIFICATION\_TARGETS\_DN GO\_VITAMIN\_METABOLIC\_PROCESS, GO\_VITAMIN\_METABOLIC\_PROCESS GSE2405\_0H\_VS\_1.5H\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_UP, GSE2405\_0H\_VS\_1.5H\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_UP CHIANG\_LIVER\_CANCER\_SUBCLASS\_POLYSOMY7\_DN, CHIANG\_LIVER\_CANCER\_SUBCLASS\_POLYSOMY7\_DN GSE17721\_CTRL\_VS\_POLYIC\_1H\_BMDC\_DN, GSE17721\_CTRL\_VS\_POLYIC\_1H\_BMDC\_DN GSE6259\_FLT3L\_INDUCED\_DEC205\_POS\_DC\_VS\_CD8\_TCELL\_UP, GSE6259\_FLT3L\_INDUCED\_DEC205\_POS\_DC\_VS\_CD8\_TCELL\_UP GSE21774\_CD62L\_POS\_CD56\_DIM\_VS\_CD62L\_NEG\_CD56\_DIM\_NK\_CELL\_DN, GSE21774\_CD62L\_POS\_CD56\_DIM\_VS\_CD62L\_NEG\_CD56\_DIM\_NK\_CELL\_DN KMCATNNWGGA\_UNKNOWN, KMCATNNWGGA\_UNKNOWN BOYLAN\_MULTIPLE\_MYELOMA\_D\_CLUSTER\_UP, BOYLAN\_MULTIPLE\_MYELOMA\_D\_CLUSTER\_UP GSE29618\_PRE\_VS\_DAY7\_POST\_TIV\_FLU\_VACCINE\_PDC\_UP, GSE29618\_PRE\_VS\_DAY7\_POST\_TIV\_FLU\_VACCINE\_PDC\_UP ALONSO\_METASTASIS\_NEURAL\_UP, ALONSO\_METASTASIS\_NEURAL\_UP

GSE17721\_CTRL\_VS\_POLYIC\_12H\_BMDC\_UP, GSE17721\_CTRL\_VS\_POLYIC\_12H\_BMDC\_UP GSE24210\_RESTING\_TREG\_VS\_TCONV\_UP, GSE24210\_RESTING\_TREG\_VS\_TCONV\_UP GSE3691\_IFN\_PRODUCING\_KILLER\_DC\_VS\_CONVENTIONAL\_DC\_SPLEEN\_UP, GSE3691\_IFN\_PRODUCING\_KILLER\_DC\_VS\_CONVENTIONAL\_DC\_SPLEEN\_UP GOLDRATH\_NAIVE\_VS\_EFF\_CD8\_TCELL\_UP, GOLDRATH\_NAIVE\_VS\_EFF\_CD8\_TCELL\_UP GSE43863\_NAIVE\_VS\_MEMORY\_LY6C\_INT\_CXCR5POS\_CD4\_TCELL\_D150\_LCMV\_UP, GSE43863\_NAIVE\_VS\_MEMORY\_LY6C\_INT\_CXCR5POS\_CD4\_TCELL\_D150\_LCMV\_UP GSE10240\_IL22\_VS\_IL22\_AND\_IL17\_STIM\_PRIMARY\_BRONCHIAL\_EPITHELIAL\_CELLS\_UP, GSE10240\_IL22\_VS\_IL22\_AND\_IL17\_STIM\_PRIMARY\_BRONCHIAL\_EPITHELIAL\_CELLS\_UP GSE25123\_CTRL\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_PPARG\_KO\_MACROPHAGE\_UP, GSE25123\_CTRL\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_PPARG\_KO\_MACROPHAGE\_UP GO HYDROLASE ACTIVITY ACTING ON CARBON NITROGEN BUT NOT PEPTIDE BONDS IN LINEAR AMIDES, GO HYDROLASE ACTIVITY ACTING ON CARBON NITROGEN BUT NOT P GO\_AXON\_INITIAL\_SEGMENT, GO\_AXON\_INITIAL\_SEGMENT HOEGERKORP\_CD44\_TARGETS\_DIRECT\_UP, HOEGERKORP\_CD44\_TARGETS\_DIRECT\_UP VALK\_AML\_CLUSTER\_10, VALK\_AML\_CLUSTER\_10 GO\_PRODUCTION\_OF\_MOLECULAR\_MEDIATOR\_INVOLVED\_IN\_INFLAMMATORY\_RESPONSE, GO\_PRODUCTION\_OF\_MOLECULAR\_MEDIATOR\_INVOLVED\_IN\_INFLAMMATORY\_RESPONSE

GSE12392\_WT\_VS\_IFNB\_KO\_CD8A\_POS\_SPLEEN\_DC\_UP, GSE12392\_WT\_VS\_IFNB\_KO\_CD8A\_POS\_SPLEEN\_DC\_UP

GSE17186\_CD21LOW\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_DN, GSE17186\_CD21LOW\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_DN