

**\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_UP, GSE17186\_NAIVE\_VS\_CD21HIGH\_TRANSITIONAL\_BCELL\_CORD\_BLOOD\_UP**

GSE12392\_WT\_VS\_IFNB\_KO\_CD8A\_POS\_SPLEEN\_DC\_UP, GSE12392\_WT\_VS\_IFNB\_KO\_CD8A\_POS\_SPLEEN\_DC\_UP  
GOLDRATH\_NAIVE\_VS\_EFF\_CD8\_TCELL\_UP, GOLDRATH\_NAIVE\_VS\_EFF\_CD8\_TCELL\_UP  
GSE411\_WT\_VS\_SOCS3\_KO\_MACROPHAGE\_IL6\_STIM\_100MIN\_DN, GSE411\_WT\_VS\_SOCS3\_KO\_MACROPHAGE\_IL6\_STIM\_100MIN\_DN  
GSE15735\_CTRL\_VS\_HDAC\_INHIBITOR\_TREATED\_CD4\_TCELL\_12H\_UP, GSE15735\_CTRL\_VS\_HDAC\_INHIBITOR\_TREATED\_CD4\_TCELL\_12H\_UP  
GSE11961\_MARGINAL\_ZONE\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP, GSE11961\_MARGINAL\_ZONE\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP  
GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_NAIVE\_BCELL\_DN, GSE17186\_BLOOD\_VS\_CORD\_BLOOD\_NAIVE\_BCELL\_DN  
GSE17186\_MEMORY\_VS\_CD21LOW\_TRANSITIONAL\_BCELL\_DN, GSE17186\_MEMORY\_VS\_CD21LOW\_TRANSITIONAL\_BCELL\_DN  
GSE17721\_POLYIC\_VS\_CPG\_16H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_CPG\_16H\_BMDC\_UP  
GSE3039\_ALPHAALPHA\_VS\_ALPHABETA\_CD8\_TCELL\_UP, GSE3039\_ALPHAALPHA\_VS\_ALPHABETA\_CD8\_TCELL\_UP  
GSE21774\_CD62L\_POS\_CD56\_DIM\_VS\_CD62L\_NEG\_CD56\_DIM\_NK\_CELL\_UP, GSE21774\_CD62L\_POS\_CD56\_DIM\_VS\_CD62L\_NEG\_CD56\_DIM\_NK\_CELL\_UP  
GSE5542\_IFNG\_VS\_IFNA\_TREATED\_EPITHELIAL\_CELLS\_24H\_DN, GSE5542\_IFNG\_VS\_IFNA\_TREATED\_EPITHELIAL\_CELLS\_24H\_DN  
GSE13547\_WT\_VS\_ZFX\_KO\_BCELL\_ANTI\_IGM\_STIM\_2H\_DN, GSE13547\_WT\_VS\_ZFX\_KO\_BCELL\_ANTI\_IGM\_STIM\_2H\_DN  
GSE28737\_BCL6\_HET\_VS\_BCL6\_KO\_FOLLICULAR\_BCELL\_DN, GSE28737\_BCL6\_HET\_VS\_BCL6\_KO\_FOLLICULAR\_BCELL\_DN  
GSE20366\_CD103\_POS\_VS\_NEG\_TREG\_KLRG1NEG\_DN, GSE20366\_CD103\_POS\_VS\_NEG\_TREG\_KLRG1NEG\_DN  
REACTOME\_METABOLISM\_OF\_VITAMINS\_AND\_COFACTORS, REACTOME\_METABOLISM\_OF\_VITAMINS\_AND\_COFACTORS  
GSE17721\_CTRL\_VS\_POLYIC\_0.5H\_BMDC\_DN, GSE17721\_CTRL\_VS\_POLYIC\_0.5H\_BMDC\_DN  
GSE17721\_CTRL\_VS\_POLYIC\_1H\_BMDC\_DN, GSE17721\_CTRL\_VS\_POLYIC\_1H\_BMDC\_DN  
GSE25123\_WT\_VS\_PPARG\_KO\_MACROPHAGE\_ROSIGLITAZONE\_STIM\_DN, GSE25123\_WT\_VS\_PPARG\_KO\_MACROPHAGE\_ROSIGLITAZONE\_STIM\_DN  
GSE40184\_HEALTHY\_VS\_HCV\_INFECTED\_DONOR\_PBMF\_UP, GSE40184\_HEALTHY\_VS\_HCV\_INFECTED\_DONOR\_PBMF\_UP  
GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_6H\_IFNA\_STIM\_DN, GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_6H\_IFNA\_STIM\_DN  
HP\_HEPATITIS, HP\_HEPATITIS  
REACTOME\_RETROGRADE\_TRANSPORT\_AT\_THE\_TRANS\_GOLGI\_NETWORK, REACTOME\_RETROGRADE\_TRANSPORT\_AT\_THE\_TRANS\_GOLGI\_NETWORK  
GSE22342\_CD11C\_HIGH\_VS\_LOW\_DECIDUAL\_MACROPHAGES\_DN, GSE22342\_CD11C\_HIGH\_VS\_LOW\_DECIDUAL\_MACROPHAGES\_DN  
GOBP\_WATER\_SOLUBLE\_VITAMIN\_METABOLIC\_PROCESS, GOBP\_WATER\_SOLUBLE\_VITAMIN\_METABOLIC\_PROCESS  
GSE7596\_AKT\_TRANS\_DN\_VS\_CTRL\_CD4\_TCONV\_WITH\_TGFB\_DN, GSE7596\_AKT\_TRANS\_DN\_VS\_CTRL\_CD4\_TCONV\_WITH\_TGFB\_DN  
CHIANG\_LIVER\_CANCER\_SUBCLASS\_POLYSOMY7\_DN, CHIANG\_LIVER\_CANCER\_SUBCLASS\_POLYSOMY7\_DN  
HP\_PALMOPLANTAR KERATODERMA, HP\_PALMOPLANTAR KERATODERMA  
GSE22443\_IL2\_VS\_IL12\_TREATED\_ACT\_CD8\_TCELL\_UP, GSE22443\_IL2\_VS\_IL12\_TREATED\_ACT\_CD8\_TCELL\_UP  
GSE29618\_LAIV\_VS\_TIV\_FLU\_VACCINE\_DAY7\_BCELL\_UP, GSE29618\_LAIV\_VS\_TIV\_FLU\_VACCINE\_DAY7\_BCELL\_UP  
HP\_HYPERVENTILATION, HP\_HYPERVENTILATION  
KEGG\_PANTOTHENATE\_AND\_COA\_BIOSYNTHESIS, KEGG\_PANTOTHENATE\_AND\_COA\_BIOSYNTHESIS  
HERNANDEZ\_ABERRANT\_MITOSIS\_BY\_DOCETACEL\_4NM\_UP, HERNANDEZ\_ABERRANT\_MITOSIS\_BY\_DOCETACEL\_4NM\_UP  
GOMF\_RNA\_POLYMERASE\_I\_CORE\_BINDING, GOMF\_RNA\_POLYMERASE\_I\_CORE\_BINDING  
HP\_TOOTH\_ABSCESS, HP\_TOOTH\_ABSCESS