

IMMATURE\_NEURON\_CELL\_LINE\_DN, GSE16450\_IMMATURE\_VS\_MATURE\_NEURON\_CELL\_LINE\_DN

GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_1DAY\_STIMULATED\_IRF4\_KO\_BCELL\_UP, GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_1DAY\_STIMULATED\_IRF4\_KO\_BCELL\_UP  
GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTI\_IL12\_6H\_CD4\_TCELL\_DN, GSE17974\_CTRL\_VS\_ACT\_IL4\_AND\_ANTI\_IL12\_6H\_CD4\_TCELL\_DN  
GSE45365\_WT\_VS\_IFNAR\_KO\_CD11B\_DC\_UP, GSE45365\_WT\_VS\_IFNAR\_KO\_CD11B\_DC\_UP  
GSE3039\_ALPHAALPHA\_CD8\_TCELL\_VS\_B1\_BCELL\_DN, GSE3039\_ALPHAALPHA\_CD8\_TCELL\_VS\_B1\_BCELL\_DN  
GSE21927\_BALBC\_VS\_C57BL6\_MONOCYTE\_TUMOR\_DN, GSE21927\_BALBC\_VS\_C57BL6\_MONOCYTE\_TUMOR\_DN  
GSE16450\_CTRL\_VS\_IFNA\_12H\_STIM\_IMMATURE\_NEURON\_CELL\_LINE\_DN, GSE16450\_CTRL\_VS\_IFNA\_12H\_STIM\_IMMATURE\_NEURON\_CELL\_LINE\_DN  
GSE21379\_WT\_VS\_SAP\_KO\_CD4\_TCELL\_UP, GSE21379\_WT\_VS\_SAP\_KO\_CD4\_TCELL\_UP  
GSE29949\_MICROGLIA\_BRAIN\_VS\_CD8\_NEG\_DC\_SPLEEN\_UP, GSE29949\_MICROGLIA\_BRAIN\_VS\_CD8\_NEG\_DC\_SPLEEN\_UP  
GOBP\_REGULATION\_OF\_DNA\_RECOMBINATION, GOBP\_REGULATION\_OF\_DNA\_RECOMBINATION  
GSE21927\_SPLEEN\_VS\_4T1\_TUMOR\_MONOCYTE\_BALBC\_DN, GSE21927\_SPLEEN\_VS\_4T1\_TUMOR\_MONOCYTE\_BALBC\_DN  
RIEGE\_DELTANP63\_DIRECT\_TARGETS\_UP, RIEGE\_DELTANP63\_DIRECT\_TARGETS\_UP  
IL2\_UP.V1\_UP, IL2\_UP.V1\_UP  
IL15\_UP.V1\_UP, IL15\_UP.V1\_UP  
HP\_RECURRENT\_URINARY\_TRACT\_INFECTIONS, HP\_RECURRENT\_URINARY\_TRACT\_INFECTIONS  
SRC\_UP.V1\_DN, SRC\_UP.V1\_DN  
GSE30083\_SP2\_VS\_SP3\_THYMOCYTE\_UP, GSE30083\_SP2\_VS\_SP3\_THYMOCYTE\_UP  
HP\_ABNORMAL\_CORTICAL\_BONE\_MORPHOLOGY, HP\_ABNORMAL\_CORTICAL\_BONE\_MORPHOLOGY  
GOBP\_L\_AMINO\_ACID\_TRANSPORT, GOBP\_L\_AMINO\_ACID\_TRANSPORT  
GOBP\_REGULATION\_OF\_REPRODUCTIVE\_PROCESS, GOBP\_REGULATION\_OF\_REPRODUCTIVE\_PROCESS  
GSE41176\_UNSTIM\_VS\_ANTI\_IGM\_STIM\_TAK1\_KO\_BCELL\_6H\_DN, GSE41176\_UNSTIM\_VS\_ANTI\_IGM\_STIM\_TAK1\_KO\_BCELL\_6H\_DN  
E2F3\_UP.V1\_DN, E2F3\_UP.V1\_DN  
HOSHIDA\_LIVER\_CANCER\_LATE\_RECURRENCE\_DN, HOSHIDA\_LIVER\_CANCER\_LATE\_RECURRENCE\_DN  
HP\_NEONATAL\_ONSET, HP\_NEONATAL\_ONSET  
GSE22443\_NAIVE\_VS\_ACT\_AND\_IL2\_TREATED\_CD8\_TCELL\_UP, GSE22443\_NAIVE\_VS\_ACT\_AND\_IL2\_TREATED\_CD8\_TCELL\_UP  
HP\_ABNORMAL\_SPUTUM, HP\_ABNORMAL\_SPUTUM  
LEE\_SP4\_THYMOCYTE, LEE\_SP4\_THYMOCYTE  
GOBP\_L\_ALANINE\_TRANSPORT, GOBP\_L\_ALANINE\_TRANSPORT  
GOMF\_GROWTH\_FACTOR\_ACTIVITY, GOMF\_GROWTH\_FACTOR\_ACTIVITY  
BIOCARTA\_NUCLEARRS\_PATHWAY, BIOCARTA\_NUCLEARRS\_PATHWAY  
GOBP\_POSITIVE\_REGULATION\_OF\_EPITHELIAL\_CELL\_DIFFERENTIATION, GOBP\_POSITIVE\_REGULATION\_OF\_EPITHELIAL\_CELL\_DIFFERENTIATION  
HP\_HYPERPARATHYROIDISM, HP\_HYPERPARATHYROIDISM  
GOBP\_ALANINE\_TRANSPORT, GOBP\_ALANINE\_TRANSPORT  
WP\_VITAMIN\_B12\_DISORDERS, WP\_VITAMIN\_B12\_DISORDERS  
GSE45365\_BCELL\_VS\_CD8\_TCELL\_DN, GSE45365\_BCELL\_VS\_CD8\_TCELL\_DN  
GOMF\_ALANINE\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY, GOMF\_ALANINE\_TRANSMEMBRANE\_TRANSPORTER\_ACTIVITY  
WP\_COVID19\_ADVERSE\_OUTCOME\_PATHWAY, WP\_COVID19\_ADVERSE\_OUTCOME\_PATHWAY  
MATSUMIYA\_PBMCMODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_LOW\_VS\_HIGH\_RESPONDERS\_2DY\_GO\_T\_CELL\_ACTIV\_AND\_CO\_STIM\_UP, MATSUMIYA\_PBMCMODIFIED\_VACCINIA\_ANKARA\_VACCINE\_AGE\_18\_55YO\_LOW\_VS\_HIGH\_RESPONDERS\_2DY\_GO\_T\_CELL\_ACTIV\_AND\_CO\_STIM\_UP  
GOBP\_NORADRENERGIC\_NEURON\_DIFFERENTIATION, GOBP\_NORADRENERGIC\_NEURON\_DIFFERENTIATION  
REACTOME\_COMMON\_PATHWAY\_OF\_FIBRIN\_CLOT\_FORMATION, REACTOME\_COMMON\_PATHWAY\_OF\_FIBRIN\_CLOT\_FORMATION  
LEE\_INTRATHYMIC\_T\_PROGENITOR, LEE\_INTRATHYMIC\_T\_PROGENITOR  
GOMF\_SODIUM\_PHOSPHATE\_SYMPORTER\_ACTIVITY, GOMF\_SODIUM\_PHOSPHATE\_SYMPORTER\_ACTIVITY  
HP\_ENLARGED\_EPIPHYSES, HP\_ENLARGED\_EPIPHYSES  
GOBP\_REGULATION\_OF\_ASTROCYTE\_DIFFERENTIATION, GOBP\_REGULATION\_OF\_ASTROCYTE\_DIFFERENTIATION