

\_VS\_GERMINAL\_CENTER\_BCELL\_DAY7\_UP, GSE11961\_MEMORY\_BCELL\_DAY7\_VS\_GERMINAL\_CENTER\_BCELL\_DAY7\_UP

GSE16522\_ANTI\_CD3CD28\_STIM\_CD8\_TCELL\_DN, GSE16522\_ANTI\_CD3CD28\_STIM\_VS\_UNSTIM\_MEMORY\_CD8\_TCELL\_DN  
GSE36392\_TYPE\_2\_MYELOID\_VS\_NEUTROPHIL\_IL25\_TREATED\_LUNG\_UP, GSE36392\_TYPE\_2\_MYELOID\_VS\_NEUTROPHIL\_IL25\_TREATED\_LUNG\_UP  
GSE16522\_MEMORY\_VS\_NAIVE\_ANTI\_CD3CD28\_STIM\_CD8\_TCELL\_UP, GSE16522\_MEMORY\_VS\_NAIVE\_ANTI\_CD3CD28\_STIM\_CD8\_TCELL\_UP  
GSE11961\_MARGINAL\_ZONE\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP, GSE11961\_MARGINAL\_ZONE\_BCELL\_VS\_GERMINAL\_CENTER\_BCELL\_DAY40\_UP  
GSE25123\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_UP, GSE25123\_IL4\_VS\_IL4\_AND\_ROSIGLITAZONE\_STIM\_MACROPHAGE\_DAY10\_UP  
GOCC\_ADHERENS\_JUNCTION, GOCC\_ADHERENS\_JUNCTION  
GSE24972\_WT\_VS\_IRF8\_KO\_MARGINAL\_ZONE\_SPLEEN\_BCELL\_UP, GSE24972\_WT\_VS\_IRF8\_KO\_MARGINAL\_ZONE\_SPLEEN\_BCELL\_UP  
GSE339\_CD4POS\_VS\_CD8POS\_DC\_IN\_CULTURE\_UP, GSE339\_CD4POS\_VS\_CD8POS\_DC\_IN\_CULTURE\_UP  
GSE3203\_INFLUENZA\_INF\_VS\_IFNB\_TREATED\_LN\_BCELL\_DN, GSE3203\_INFLUENZA\_INF\_VS\_IFNB\_TREATED\_LN\_BCELL\_DN  
GSE16451\_CTRL\_VS\_WEST\_EQUINE\_ENC\_VIRUS\_MATURE\_NEURON\_CELL\_LINE\_DN, GSE16451\_CTRL\_VS\_WEST\_EQUINE\_ENC\_VIRUS\_MATURE\_NEURON\_CELL\_LINE\_DN  
GSE9037\_WT\_VS\_IRAK4\_KO\_BMDM\_UP, GSE9037\_WT\_VS\_IRAK4\_KO\_BMDM\_UP  
GSE11961\_GERMINAL\_CENTER\_BCELL\_DAY7\_VS\_MEMORY\_BCELL\_DAY40\_UP, GSE11961\_GERMINAL\_CENTER\_BCELL\_DAY7\_VS\_MEMORY\_BCELL\_DAY40\_UP  
GSE14308\_TH2\_VS\_TH1\_DN, GSE14308\_TH2\_VS\_TH1\_DN  
GSE10240\_CTRL\_VS\_IL22\_STIM\_PRIMARY\_BRONCHIAL\_EPITHELIAL\_CELLS\_UP, GSE10240\_CTRL\_VS\_IL22\_STIM\_PRIMARY\_BRONCHIAL\_EPITHELIAL\_CELLS\_UP  
GSE26669\_CD4\_VS\_CD8\_TCELL\_IN\_MLR\_COSTIM\_BLOCK\_DN, GSE26669\_CD4\_VS\_CD8\_TCELL\_IN\_MLR\_COSTIM\_BLOCK\_DN  
GSE25088\_CTRL\_VS\_IL4\_STIM\_MACROPHAGE\_DN, GSE25088\_CTRL\_VS\_IL4\_STIM\_MACROPHAGE\_DN  
GSE26912\_TUMORICIDAL\_VS\_CTRL\_MACROPHAGE\_UP, GSE26912\_TUMORICIDAL\_VS\_CTRL\_MACROPHAGE\_UP  
GSE27786\_NKCELL\_VS\_NEUTROPHIL\_DN, GSE27786\_NKCELL\_VS\_NEUTROPHIL\_DN  
GSE33513\_TCF7\_KO\_VS\_HET\_EARLY\_THYMIC\_PROGENITOR\_UP, GSE33513\_TCF7\_KO\_VS\_HET\_EARLY\_THYMIC\_PROGENITOR\_UP  
TGAstmagc\_nfe2\_01, TGAstmagc\_nfe2\_01  
GSE36392\_MAC\_VS\_NEUTROPHIL\_IL25\_TREATED\_LUNG\_DN, GSE36392\_MAC\_VS\_NEUTROPHIL\_IL25\_TREATED\_LUNG\_DN  
GSE19888\_ADENOSINE\_A3R\_INH\_VS\_INH\_PRETREAT\_AND\_ACT\_WITH\_TCELL\_MEMBRANES\_MAST\_CELL\_DN, GSE19888\_ADENOSINE\_A3R\_INH\_VS\_INH\_PRETREAT\_AND\_ACT\_WITH\_TCELL\_MEMBRANES\_MAST\_C  
MIR1912\_5P, MIR1912\_5P  
GOBP\_FEMALE\_SEX\_DIFFERENTIATION, GOBP\_FEMALE\_SEX\_DIFFERENTIATION  
WP\_HIPPOMERLIN\_SIGNALING\_DYSREGULATION, WP\_HIPPOMERLIN\_SIGNALING\_DYSREGULATION  
GSE32986\_GMCSF\_AND\_CURDLAN\_LOWDOSE\_VS\_GMCSF\_AND\_CURDLAN\_HIGHDOSE\_STIM\_DC\_DN, GSE32986\_GMCSF\_AND\_CURDLAN\_LOWDOSE\_VS\_GMCSF\_AND\_CURDLAN\_HIGHDOSE\_STIM\_DC\_DN  
REACTOME\_CELL\_JUNCTION\_ORGANIZATION, REACTOME\_CELL\_JUNCTION\_ORGANIZATION  
DURANTE\_ADULT\_OLFACTORY\_NEUROEPITHELIUM\_FIBROBLASTS\_STROMAL\_CELLS, DURANTE\_ADULT\_OLFACTORY\_NEUROEPITHELIUM\_FIBROBLASTS\_STROMAL\_CELLS  
GSE27786\_BCELL\_VS\_ERYTHROBLAST\_DN, GSE27786\_BCELL\_VS\_ERYTHROBLAST\_DN  
RYCACNNRNNRNCAG\_UNKNOWN, RYCACNNRNNRNCAG\_UNKNOWN  
MIR3943, MIR3943  
FARMER\_BREAST\_CANCER\_CLUSTER\_4, FARMER\_BREAST\_CANCER\_CLUSTER\_4  
HASINA\_NOL7\_TARGETS\_UP, HASINA\_NOL7\_TARGETS\_UP  
REACTOME\_CELL\_CELL\_JUNCTION\_ORGANIZATION, REACTOME\_CELL\_CELL\_JUNCTION\_ORGANIZATION  
MIR3672, MIR3672  
LIU\_SMARCA4\_TARGETS, LIU\_SMARCA4\_TARGETS  
GOBP\_OVULATION\_CYCLE\_PROCESS, GOBP\_OVULATION\_CYCLE\_PROCESS  
CUI\_DEVELOPING\_HEART\_SMOOTH\_MUSCLE\_CELL, CUI\_DEVELOPING\_HEART\_SMOOTH\_MUSCLE\_CELL  
GOBP\_REGULATION\_OF\_LIPID\_KINASE\_ACTIVITY, GOBP\_REGULATION\_OF\_LIPID\_KINASE\_ACTIVITY  
GOMF\_1\_PHOSPHATIDYLINOSITOL\_BINDING, GOMF\_1\_PHOSPHATIDYLINOSITOL\_BINDING  
GOBP\_G\_PROTEIN\_COUPLED\_RECEPTOR\_SIGNALING\_PATHWAY\_COUPLED\_TO\_CYCLIC\_NUCLEOTIDE\_SECOND\_MESSENGER, GOBP\_G\_PROTEIN\_COUPLED\_RECEPTOR\_SIGNALING\_PATHWAY\_COUPLED\_TO\_CVO  
DESCARTES\_FETAL\_HEART\_LYMPHATIC\_ENDOTHELIAL\_CELLS, DESCARTES\_FETAL\_HEART\_LYMPHATIC\_ENDOTHELIAL\_CELLS  
GSE13887\_HEALTHY\_VS\_LUPUS\_RESTING\_CD4\_TCELL\_UP, GSE13887\_HEALTHY\_VS\_LUPUS\_RESTING\_CD4\_TCELL\_UP  
WP\_MAMMARY\_GLAND\_DEVELOPMENT\_PATHWAY\_PUBERTY\_STAGE\_2\_OF\_4, WP\_MAMMARY\_GLAND\_DEVELOPMENT\_PATHWAY\_PUBERTY\_STAGE\_2\_OF\_4  
HP\_ABNORMAL\_SEX\_DETERMINATION, HP\_ABNORMAL\_SEX\_DETERMINATION  
MODULE\_68, MODULE\_68  
GOCC\_PHOTORECEPTOR\_OUTER\_SEGMENT, GOCC\_PHOTORECEPTOR\_OUTER\_SEGMENT  
GOBP\_REGULATION\_OF\_PHOSPHOLIPASE\_A2\_ACTIVITY, GOBP\_REGULATION\_OF\_PHOSPHOLIPASE\_A2\_ACTIVITY  
GOBP\_ICOSANOID\_TRANSPORT, GOBP\_ICOSANOID\_TRANSPORT  
GNF2\_TM4SF2, GNF2\_TM4SF2  
GOCC\_COLLAGEN\_TYPE\_IV\_TRIMER, GOCC\_COLLAGEN\_TYPE\_IV\_TRIMER  
GOBP\_INTERMEDIATE\_FILAMENT\_ORGANIZATION, GOBP\_INTERMEDIATE\_FILAMENT\_ORGANIZATION  
GOCC\_BASEMENT\_MEMBRANE\_COLLAGEN\_TRIMER, GOCC\_BASEMENT\_MEMBRANE\_COLLAGEN\_TRIMER  
DESCARTES\_MAIN\_FETAL\_INHIBITORY\_INTERNEURONS, DESCARTES\_MAIN\_FETAL\_INHIBITORY\_INTERNEURONS  
HP\_NORMAL\_INTERICTAL\_EEG, HP\_NORMAL\_INTERICTAL\_EEG