

**2\_IL5\_3DAY\_STIMULATED\_IRF4MID\_SORTED\_BCELL\_UP, GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_3DAY\_STIMULATED\_IRF4MID\_SORTED\_BCELL\_UP**

- GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4HIGH\_BCELL\_UP, GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4HIGH\_BCELL\_UP
- GSE35825\_IFNA\_VS\_IFNG\_STIM\_MACROPHAGE\_DN, GSE35825\_IFNA\_VS\_IFNG\_STIM\_MACROPHAGE\_DN
- GSE32986\_CURDLAN\_LOWDOSE\_VS\_CURDLAN\_HIGHDOSE\_STIM\_DC\_UP, GSE32986\_CURDLAN\_LOWDOSE\_VS\_CURDLAN\_HIGHDOSE\_STIM\_DC\_UP
- GSE40274\_XBP1\_VS\_FOXP3\_AND\_XBP1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP, GSE40274\_XBP1\_VS\_FOXP3\_AND\_XBP1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_UP
- GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4MID\_BCELL\_DN, GSE46606\_DAY1\_VS\_DAY3\_CD40L\_IL2\_IL5\_STIMULATED\_IRF4MID\_BCELL\_DN
- GSE17721\_CTRL\_VS\_GARDIQUIMOD\_4H\_BMDC\_UP, GSE17721\_CTRL\_VS\_GARDIQUIMOD\_4H\_BMDC\_UP
- MODULE\_239, MODULE\_239
- GSE46606\_IRF4MID\_VS\_WT\_CD40L\_IL2\_IL5\_DAY1\_STIMULATED\_BCELL\_UP, GSE46606\_IRF4MID\_VS\_WT\_CD40L\_IL2\_IL5\_DAY1\_STIMULATED\_BCELL\_UP
- GSE19198\_CTRL\_VS\_IL21\_TREATED\_TCELL\_24H\_DN, GSE19198\_CTRL\_VS\_IL21\_TREATED\_TCELL\_24H\_DN
- GSE2706\_UNSTIM\_VS\_2H\_R848\_DC\_UP, GSE2706\_UNSTIM\_VS\_2H\_R848\_DC\_UP
- GSE26030\_TH1\_VS\_TH17\_RESTIMULATED\_DAY5\_POST\_POLARIZATION\_DN, GSE26030\_TH1\_VS\_TH17\_RESTIMULATED\_DAY5\_POST\_POLARIZATION\_DN
- GSE7348\_UNSTIM\_VS\_LPS\_STIM\_MACROPHAGE\_UP, GSE7348\_UNSTIM\_VS\_LPS\_STIM\_MACROPHAGE\_UP
- GSE11864\_UNTREATED\_VS\_CSF1\_IFNG\_IN\_MAC\_UP, GSE11864\_UNTREATED\_VS\_CSF1\_IFNG\_IN\_MAC\_UP
- GSE18281\_SUBCAPSULAR\_CORTICAL\_REGION\_VS\_WHOLE\_CORTEX\_THYMUS\_UP, GSE18281\_SUBCAPSULAR\_CORTICAL\_REGION\_VS\_WHOLE\_CORTEX\_THYMUS\_UP
- GSE40685\_NAIVE\_CD4\_TCELL\_VS\_TREG\_DN, GSE40685\_NAIVE\_CD4\_TCELL\_VS\_TREG\_DN
- GSE4984\_UNTREATED\_VS\_VEHICLE\_CTRL\_TREATED\_DC\_UP, GSE4984\_UNTREATED\_VS\_VEHICLE\_CTRL\_TREATED\_DC\_UP
- GSE6259\_FLT3L\_INDUCED\_DEC205\_POS\_DC\_VS\_CD8\_TCELL\_UP, GSE6259\_FLT3L\_INDUCED\_DEC205\_POS\_DC\_VS\_CD8\_TCELL\_UP
- GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_1H\_BMDC\_UP, GSE17721\_POLYIC\_VS\_GARDIQUIMOD\_1H\_BMDC\_UP
- ZWANG\_EGF\_PERSISTENTLY\_DN, ZWANG\_EGF\_PERSISTENTLY\_DN
- SEKI\_INFLAMMATORY\_RESPONSE\_LPS\_DN, SEKI\_INFLAMMATORY\_RESPONSE\_LPS\_DN
- BAKKER\_FOXO3\_TARGETS\_UP, BAKKER\_FOXO3\_TARGETS\_UP
- GCM\_SIRT2, GCM\_SIRT2
- GSE9509\_10MIN\_VS\_30MIN\_LPS\_STIM\_IL10\_KO\_MACROPHAGE\_DN, GSE9509\_10MIN\_VS\_30MIN\_LPS\_STIM\_IL10\_KO\_MACROPHAGE\_DN
- GO\_GLUCAN\_METABOLIC\_PROCESS, GO\_GLUCAN\_METABOLIC\_PROCESS
- GO\_POLYSACCHARIDE\_METABOLIC\_PROCESS, GO\_POLYSACCHARIDE\_METABOLIC\_PROCESS
- GSE22601\_DOUBLE\_NEGATIVE\_VS\_CD8\_SINGLE\_POSITIVE\_THYMOCYTE\_DN, GSE22601\_DOUBLE\_NEGATIVE\_VS\_CD8\_SINGLE\_POSITIVE\_THYMOCYTE\_DN
- GO\_TRANS\_GOLGI\_NETWORK\_TRANSPORT\_VESICLE, GO\_TRANS\_GOLGI\_NETWORK\_TRANSPORT\_VESICLE
- WESTON\_VEGFA\_TARGETS\_3HR, WESTON\_VEGFA\_TARGETS\_3HR
- GSE13522\_CTRL\_VS\_T\_CRUZI\_Y\_STRAIN\_INF\_SKIN\_129\_MOUSE\_UP, GSE13522\_CTRL\_VS\_T\_CRUZI\_Y\_STRAIN\_INF\_SKIN\_129\_MOUSE\_UP
- FERRANDO\_LYL1\_NEIGHBORS, FERRANDO\_LYL1\_NEIGHBORS
- REACTOME\_VITAMIN\_B5\_PANTOTHENATE\_METABOLISM, REACTOME\_VITAMIN\_B5\_PANTOTHENATE\_METABOLISM
- KEGG\_PANTOTHENATE\_AND\_COA\_BIOSYNTHESIS, KEGG\_PANTOTHENATE\_AND\_COA\_BIOSYNTHESIS