ELL VS MEMORY BCELL DN, GSE12366 PLASMA CELL VS MEMORY BCELL DN

```
GSE40225 WT VS RIP B7X DIABETIC MOUSE PANCREATIC CD8 TCELL UP, GSE40225 WT VS RIP B7X DIABETIC MOUSE PANCREATIC CD8 TCELL UP
GSE12366 PLASMA CELL VS NAIVE BCELL DN, GSE12366 PLASMA CELL VS NAIVE BCELL DN
GSE20484_MCSG_VS_CXCL4_MONOCYTE_DERIVED_MACROPHAGE_DN, GSE20484_MCSG_VS_CXCL4_MONOCYTE_DERIVED_MACROPHAGE_DN
GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH2_UP, GSE22886_NAIVE_CD4_TCELL_VS_48H_ACT_TH2_UP
GSE21063 CTRL VS ANTI IGM STIM BCELL NFATC1 KO 16H DN, GSE21063 CTRL VS ANTI IGM STIM BCELL NFATC1 KO 16H DN
GSE5589 UNSTIM VS 180MIN LPS AND IL10 STIM MACROPHAGE DN, GSE5589 UNSTIM VS 180MIN LPS AND IL10 STIM MACROPHAGE DN
MIR12135, MIR12135
BROWNE_HCMV_INFECTION_18HR_UP, BROWNE_HCMV_INFECTION_18HR_UP
GSE17721_PAM3CSK4_VS_CPG_4H_BMDC_DN, GSE17721_PAM3CSK4_VS_CPG_4H_BMDC_DN
GSE17721_PAM3CSK4_VS_CPG_12H_BMDC_DN, GSE17721_PAM3CSK4_VS_CPG_12H_BMDC_DN
GSE12366_NAIVE_VS_MEMORY_BCELL_UP, GSE12366_NAIVE_VS_MEMORY_BCELL_UP
GSE9650 EXHAUSTED_VS_MEMORY_CD8_TCELL_UP, GSE9650_EXHAUSTED_VS_MEMORY_CD8_TCELL_UP
MIR873 5P, MIR873 5P
GSE39820 IL1B IL6 VS IL1B IL6 IL23A TREATED CD4 TCELL UP, GSE39820 IL1B IL6 VS IL1B IL6 IL23A TREATED CD4 TCELL UP
REACTOME RAB GEFS EXCHANGE GTP FOR GDP ON RABS, REACTOME RAB GEFS EXCHANGE GTP FOR GDP ON RABS
GSE28737_WT_VS_BCL6_KO_FOLLICULAR_BCELL_UP, GSE28737_WT_VS_BCL6_KO_FOLLICULAR_BCELL_UP
MIR4724_5P, MIR4724_5P
GSE28737 FOLLICULAR VS MARGINAL ZONE BCELL BCL6 HET DN, GSE28737 FOLLICULAR VS MARGINAL ZONE BCELL BCL6 HET DN
MIR890, MIR890
MIR33A 5P MIR33B 5P, MIR33A 5P MIR33B 5P
 MIR203B_3P, MIR203B_3P
 MIR6732 3P, MIR6732 3P
 YTCCCRNNAGGY_UNKNOWN, YTCCCRNNAGGY_UNKNOWN
GOBP NEGATIVE REGULATION OF T CELL PROLIFERATION, GOBP NEGATIVE REGULATION OF T CELL PROLIFERATION
GSE29615_CTRL_VS_LAIV_FLU_VACCINE_PBMC_DN, GSE29615_CTRL_VS_LAIV_FLU_VACCINE_PBMC_DN
GOBP_NEGATIVE_REGULATION_OF_LEUKOCYTE_PROLIFERATION, GOBP_NEGATIVE_REGULATION_OF_LEUKOCYTE_PROLIFERATION
CEBPE TARGET GENES, CEBPE TARGET GENES
VOIGT_PBMC_FLUARIX_AGE_50_74YO_FEMALES_VS_MALES_0DY_TO_28D_UP, VOIGT_PBMC_FLUARIX_AGE_50_74YO_FEMALES_VS_MALES_0DY_TO_28D_UP
MIR2114 5P, MIR2114 5P
GOCC_MYOFILAMENT, GOCC_MYOFILAMENT
GOBP REGULATION OF GRANULOCYTE DIFFERENTIATION, GOBP REGULATION OF GRANULOCYTE DIFFERENTIATION
GOBP_ERYTHROCYTE_MATURATION, GOBP_ERYTHROCYTE_MATURATION
WANG_LSD1_TARGETS_DN, WANG_LSD1_TARGETS_DN
ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN COHEN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED 24HR DEG CANONICAL PATHWAY MEMBERS UP, ERWIN PBMC TC 83 AGE 18 45YO NON RESPONDERS PREVIOUSLY IMMUNIZED PATHWAY PBMC TC 84 AGE 18 AGE 18
```