

RNARY\_MEMORY\_CD8\_TCELL\_DN, GSE21360\_NAIVE\_VS\_QUATERNARY\_MEMORY\_CD8\_TCELL\_DN

GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_6H\_DN, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_6H\_DN  
GSE19401\_UNSTIM\_VS\_PAM2CSK4\_STIM\_FOLLICULAR\_DC\_DN, GSE19401\_UNSTIM\_VS\_PAM2CSK4\_STIM\_FOLLICULAR\_DC\_DN  
GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_3DAY\_STIMULATED\_IRF4\_KO\_BCELL\_DN, GSE46606\_UNSTIM\_VS\_CD40L\_IL2\_IL5\_3DAY\_STIMULATED\_IRF4\_KO\_BCELL\_DN  
GSE1432\_1H\_VS\_24H\_IFNG\_MICROGLIA\_DN, GSE1432\_1H\_VS\_24H\_IFNG\_MICROGLIA\_DN  
GSE19401\_PLN\_VS\_PEYERS\_PATCH\_FOLLICULAR\_DC\_DN, GSE19401\_PLN\_VS\_PEYERS\_PATCH\_FOLLICULAR\_DC\_DN  
GSE6269\_FLU\_VS\_E\_COLI\_INF\_PPMC\_UP, GSE6269\_FLU\_VS\_E\_COLI\_INF\_PPMC\_UP  
GSE26890\_CXCR1\_NEG\_VS\_POS\_EFFECTOR\_CD8\_TCELL\_UP, GSE26890\_CXCR1\_NEG\_VS\_POS\_EFFECTOR\_CD8\_TCELL\_UP  
GSE21927\_SPLEEN\_C57BL6\_VS\_4T1\_TUMOR\_BALBC\_MONOCYTES\_DN, GSE21927\_SPLEEN\_C57BL6\_VS\_4T1\_TUMOR\_BALBC\_MONOCYTES\_DN  
GSE18281\_SUBCAPSULAR\_VS\_CENTRAL\_CORTICAL\_REGION\_OF\_THYMUS\_UP, GSE18281\_SUBCAPSULAR\_VS\_CENTRAL\_CORTICAL\_REGION\_OF\_THYMUS\_UP  
GSE44649\_WT\_VS\_MIR155\_KO\_ACTIVATED\_CD8\_TCELL\_UP, GSE44649\_WT\_VS\_MIR155\_KO\_ACTIVATED\_CD8\_TCELL\_UP  
GSE45365\_HEALTHY\_VS\_MCMV\_INFECTION\_CD8A\_DC\_IFNAR\_KO\_DN, GSE45365\_HEALTHY\_VS\_MCMV\_INFECTION\_CD8A\_DC\_IFNAR\_KO\_DN  
GSE36891\_UNSTIM\_VS\_POLYIC\_TLR3\_STIM\_PERITONEAL\_MACROPHAGE\_DN, GSE36891\_UNSTIM\_VS\_POLYIC\_TLR3\_STIM\_PERITONEAL\_MACROPHAGE\_DN  
GSE37416\_CTRL\_VS\_24H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_UP, GSE37416\_CTRL\_VS\_24H\_F\_TULARENSIS\_LVS\_NEUTROPHIL\_UP  
GSE34156\_UNTREATED\_VS\_6H\_NOD2\_LIGAND\_TREATED\_MONOCYTE\_DN, GSE34156\_UNTREATED\_VS\_6H\_NOD2\_LIGAND\_TREATED\_MONOCYTE\_DN  
GSE22432\_CONVENTIONAL\_CDC\_VS\_PLASMACYTOID\_PDC\_DN, GSE22432\_CONVENTIONAL\_CDC\_VS\_PLASMACYTOID\_PDC\_DN  
GSE6259\_FLT3L\_INDUCED\_DEC205\_POS\_DC\_VS\_CD8\_TCELL\_DN, GSE6259\_FLT3L\_INDUCED\_DEC205\_POS\_DC\_VS\_CD8\_TCELL\_DN  
GSE37533\_PPARG1\_FOXP3\_VS\_FOXP3\_TRANSDUCED\_CD4\_TCELL\_PIOGLITAZONE\_TREATED\_UP, GSE37533\_PPARG1\_FOXP3\_VS\_FOXP3\_TRANSDUCED\_CD4\_TCELL\_PIOGL  
GSE32255\_WT\_VS\_JMJD2D\_KNOCKDOWN\_4H\_LPS\_STIM\_DC\_DN, GSE32255\_WT\_VS\_JMJD2D\_KNOCKDOWN\_4H\_LPS\_STIM\_DC\_DN  
GSE40274\_FOXP3\_VS\_FOXP3\_AND\_GATA1\_TRANSDUCED\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_FOXP3\_VS\_FOXP3\_AND\_GATA1\_TRANSDUCED\_ACTIVATED\_CD4\_TCEL  
KRAS.DF.V1\_UP, KRAS.DF.V1\_UP  
GSE24292\_WT\_VS\_PPARG\_KO\_MACROPHAGE\_DN, GSE24292\_WT\_VS\_PPARG\_KO\_MACROPHAGE\_DN  
GSE40685\_TREG\_VS\_FOXP3\_KO\_TREG\_PRECURSOR\_UP, GSE40685\_TREG\_VS\_FOXP3\_KO\_TREG\_PRECURSOR\_UP  
GSE11961\_FOLLICULAR\_BCELL\_VS\_MEMORY\_BCELL\_DAY7\_UP, GSE11961\_FOLLICULAR\_BCELL\_VS\_MEMORY\_BCELL\_DAY7\_UP  
GSE2405\_0H\_VS\_12H\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_UP, GSE2405\_0H\_VS\_12H\_A\_PHAGOCYTOPHILUM\_STIM\_NEUTROPHIL\_UP  
GSE43863\_DAY6\_EFF\_VS\_DAY150\_MEM\_TFH\_CD4\_TCELL\_UP, GSE43863\_DAY6\_EFF\_VS\_DAY150\_MEM\_TFH\_CD4\_TCELL\_UP  
TAKEDA\_TARGETS\_OF\_NUP98\_HOXA9\_FUSION\_10D\_UP, TAKEDA\_TARGETS\_OF\_NUP98\_HOXA9\_FUSION\_10D\_UP  
GSE18281\_MEDULLARY\_THYMOCYTE\_VS\_WHOLE\_MEDULLA\_THYMUS\_DN, GSE18281\_MEDULLARY\_THYMOCYTE\_VS\_WHOLE\_MEDULLA\_THYMUS\_DN  
GSE17721\_LPS\_VS\_PAM3CSK4\_12H\_BMDC\_UP, GSE17721\_LPS\_VS\_PAM3CSK4\_12H\_BMDC\_UP  
GSE7348\_LPS\_VS\_TOLERIZED\_AND\_LPS\_STIM\_MACROPHAGE\_DN, GSE7348\_LPS\_VS\_TOLERIZED\_AND\_LPS\_STIM\_MACROPHAGE\_DN  
GSE24634\_IL4\_VS\_CTRL\_TREATED\_NAIVE\_CD4\_TCELL\_DAY5\_DN, GSE24634\_IL4\_VS\_CTRL\_TREATED\_NAIVE\_CD4\_TCELL\_DAY5\_DN  
TAKEDA\_TARGETS\_OF\_NUP98\_HOXA9\_FUSION\_3D\_UP, TAKEDA\_TARGETS\_OF\_NUP98\_HOXA9\_FUSION\_3D\_UP  
STTTTCRNTTT\_IRF\_Q6, STTTTCRNTTT\_IRF\_Q6  
TAKEDA\_TARGETS\_OF\_NUP98\_HOXA9\_FUSION\_8D\_UP, TAKEDA\_TARGETS\_OF\_NUP98\_HOXA9\_FUSION\_8D\_UP  
GSE3982\_MAST\_CELL\_VS\_BCELL\_DN, GSE3982\_MAST\_CELL\_VS\_BCELL\_DN  
MIKKELSEN\_MCV6\_LCP\_WITH\_H3K4ME3, MIKKELSEN\_MCV6\_LCP\_WITH\_H3K4ME3  
GSE7460\_CTRL\_VS\_TGFB\_TREATED\_ACT\_TREG\_DN, GSE7460\_CTRL\_VS\_TGFB\_TREATED\_ACT\_TREG\_DN  
GSE41867\_DAY15\_EFFECTOR\_VS\_DAY30\_EXHAUSTED\_CD8\_TCELL\_LCMV\_CLONE13\_UP, GSE41867\_DAY15\_EFFECTOR\_VS\_DAY30\_EXHAUSTED\_CD8\_TCELL\_LCMV\_CLONE  
GSE8835\_HEALTHY\_VS\_CLL\_CD4\_TCELL\_UP, GSE8835\_HEALTHY\_VS\_CLL\_CD4\_TCELL\_UP  
GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_18H\_DN, GSE18791\_CTRL\_VS\_NEWCASTLE\_VIRUS\_DC\_18H\_DN  
GSE42724\_NAIVE\_VS\_MEMORY\_BCELL\_UP, GSE42724\_NAIVE\_VS\_MEMORY\_BCELL\_UP  
GSE7460\_CTRL\_VS\_TGFB\_TREATED\_ACT\_CD8\_TCELL\_DN, GSE7460\_CTRL\_VS\_TGFB\_TREATED\_ACT\_CD8\_TCELL\_DN  
GSE14415\_NATURAL\_TREG\_VS\_FOXP3\_KO\_NATURAL\_TREG\_UP, GSE14415\_NATURAL\_TREG\_VS\_FOXP3\_KO\_NATURAL\_TREG\_UP  
GSE1740\_UNSTIM\_VS\_IFNA\_STIMULATED\_MCSF\_DERIVED\_MACROPHAGE\_DN, GSE1740\_UNSTIM\_VS\_IFNA\_STIMULATED\_MCSF\_DERIVED\_MACROPHAGE\_DN  
MIKKELSEN\_MEF\_LCP\_WITH\_H3K4ME3, MIKKELSEN\_MEF\_LCP\_WITH\_H3K4ME3  
ALK\_DN.V1\_DN, ALK\_DN.V1\_DN  
MEL18\_DN.V1\_DN, MEL18\_DN.V1\_DN  
GSE1791\_CTRL\_VS\_NEUROMEDINU\_IN\_T\_CELL\_LINE\_3H\_UP, GSE1791\_CTRL\_VS\_NEUROMEDINU\_IN\_T\_CELL\_LINE\_3H\_UP  
GSE45365\_NK\_CELL\_VS\_CD8A\_DC\_MCMV\_INFECTION\_UP, GSE45365\_NK\_CELL\_VS\_CD8A\_DC\_MCMV\_INFECTION\_UP  
KEGG\_RIG\_I\_LIKE\_RECEPTOR\_SIGNALING\_PATHWAY, KEGG\_RIG\_I\_LIKE\_RECEPTOR\_SIGNALING\_PATHWAY  
DORN\_ADENOVIRUS\_INFECTION\_12HR\_UP, DORN\_ADENOVIRUS\_INFECTION\_12HR\_UP  
SATO\_SILENCED\_BY\_METHYLATION\_IN\_PANCREATIC\_CANCER\_2, SATO\_SILENCED\_BY\_METHYLATION\_IN\_PANCREATIC\_CANCER\_2  
KRAS.KIDNEY\_UP.V1\_DN, KRAS.KIDNEY\_UP.V1\_DN  
GSE46606\_IRF4HIGH\_VS\_IRF4MID\_CD40L\_IL2\_IL5\_DAY1\_STIMULATED\_BCELL\_DN, GSE46606\_IRF4HIGH\_VS\_IRF4MID\_CD40L\_IL2\_IL5\_DAY1\_STIMULATED\_BCELL\_DN  
FURUKAWA\_DUSP6\_TARGETS\_PCI35\_UP, FURUKAWA\_DUSP6\_TARGETS\_PCI35\_UP  
GO\_INTERLEUKIN\_1\_PRODUCTION, GO\_INTERLEUKIN\_1\_PRODUCTION  
chr1q25, chr1q25  
LIU\_SMARCA4\_TARGETS, LIU\_SMARCA4\_TARGETS  
GO\_REGULATION\_OF\_ANTIGEN\_RECEPTOR\_MEDIATED\_SIGNALING\_PATHWAY, GO\_REGULATION\_OF\_ANTIGEN\_RECEPTOR\_MEDIATED\_SIGNALING\_PATHWAY  
GO\_NEGATIVE\_REGULATION\_OF\_SIGNAL\_TRANSDUCTION\_IN\_ABSENCE\_OF\_LIGAND, GO\_NEGATIVE\_REGULATION\_OF\_SIGNAL\_TRANSDUCTION\_IN\_ABSENCE\_OF\_I