

MEMORY\_BCELL\_VS\_PLASMA\_CELL\_UP, GSE13411\_SWITCHED\_MEMORY\_BCELL\_VS\_PLASMA\_CELL\_UP

GSE17301\_IFNA2\_VS\_IFNA5\_STIM\_ACD3\_ACD28\_ACT\_CD8\_TCELL\_UP, GSE17301\_IFNA2\_VS\_IFNA5\_STIM\_ACD3\_ACD28\_ACT\_CD8\_TCELL\_UP  
GSE20727\_CTRL\_VS\_H2O2\_TREATED\_DC\_DN, GSE20727\_CTRL\_VS\_H2O2\_TREATED\_DC\_DN  
GSE16385\_IFNG\_TNF\_VS\_UNSTIM\_MACROPHAGE\_ROSIGLITAZONE\_TREATED\_DN, GSE16385\_IFNG\_TNF\_VS\_UNSTIM\_MACROPHAGE\_ROSIGLITAZONE\_TREATED\_DN  
GSE22886\_NAIVE\_BCELL\_VS\_BLOOD\_PLASMA\_CELL\_UP, GSE22886\_NAIVE\_BCELL\_VS\_BLOOD\_PLASMA\_CELL\_UP  
GSE22140\_GERMFREE\_VS\_SPF\_ARTHRITIC\_MOUSE\_CD4\_TCELL\_DN, GSE22140\_GERMFREE\_VS\_SPF\_ARTHRITIC\_MOUSE\_CD4\_TCELL\_DN  
GSE29949\_MICROGLIA\_BRAIN\_VS\_MONOCYTE\_BONE\_MARROW\_DN, GSE29949\_MICROGLIA\_BRAIN\_VS\_MONOCYTE\_BONE\_MARROW\_DN  
GSE29618\_MONOCYTE\_VS\_PDC\_DN, GSE29618\_MONOCYTE\_VS\_PDC\_DN  
GSE29618\_BCELL\_VS\_MDC\_UP, GSE29618\_BCELL\_VS\_MDC\_UP  
GSE3982\_MAC\_VS\_TH2\_UP, GSE3982\_MAC\_VS\_TH2\_UP  
GSE29618\_BCELL\_VS\_MDC\_DAY7\_FLU\_VACCINE\_UP, GSE29618\_BCELL\_VS\_MDC\_DAY7\_FLU\_VACCINE\_UP  
GSE3982\_DC\_VS\_BCELL\_DN, GSE3982\_DC\_VS\_BCELL\_DN  
BROWNE\_HCMV\_INFECTION\_18HR\_UP, BROWNE\_HCMV\_INFECTION\_18HR\_UP  
GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_4H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_4H\_BMDC\_DN  
EPPERT\_HSC\_R, EPPERT\_HSC\_R  
GSE22501\_PERIPHERAL\_BLOOD\_VS\_CORD\_BLOOD\_TREG\_DN, GSE22501\_PERIPHERAL\_BLOOD\_VS\_CORD\_BLOOD\_TREG\_DN  
GSE3982\_MAST\_CELL\_VS\_BCELL\_DN, GSE3982\_MAST\_CELL\_VS\_BCELL\_DN  
GRABARCZYK\_BCL11B\_TARGETS\_UP, GRABARCZYK\_BCL11B\_TARGETS\_UP  
REACTOME\_ACTIVATED\_TLR4\_SIGNALLING, REACTOME\_ACTIVATED\_TLR4\_SIGNALLING  
GSE3982\_MEMORY\_CD4\_TCELL\_VS\_TH2\_UP, GSE3982\_MEMORY\_CD4\_TCELL\_VS\_TH2\_UP  
HALLMARK\_INTERFERON\_ALPHA\_RESPONSE, HALLMARK\_INTERFERON\_ALPHA\_RESPONSE  
GSE34156\_UNTREATED\_VS\_6H\_NOD2\_LIGAND\_TREATED\_MONOCYTE\_DN, GSE34156\_UNTREATED\_VS\_6H\_NOD2\_LIGAND\_TREATED\_MONOCYTE\_DN  
REACTOME\_MYD88\_MAL\_CASCADE\_INITIATED\_ON\_PLASMA\_MEMBRANE, REACTOME\_MYD88\_MAL\_CASCADE\_INITIATED\_ON\_PLASMA\_MEMBRANE  
GSE3982\_EOSINOPHIL\_VS\_BASOPHIL\_UP, GSE3982\_EOSINOPHIL\_VS\_BASOPHIL\_UP  
REACTOME\_TRIF\_MEDIATED\_TLR3\_SIGNALING, REACTOME\_TRIF\_MEDIATED\_TLR3\_SIGNALING  
GSE1791\_CTRL\_VS\_NEUROMEDINU\_IN\_T\_CELL\_LINE\_3H\_UP, GSE1791\_CTRL\_VS\_NEUROMEDINU\_IN\_T\_CELL\_LINE\_3H\_UP  
GSE19401\_RETINOIC\_ACID\_VS\_RETINOIC\_ACID\_AND\_PAM2CSK4\_STIM\_FOLLICULAR\_DC\_UP, GSE19401\_RETINOIC\_ACID\_VS\_RETINOIC\_ACID\_AND\_PAM2CSK4\_STIM\_FOLLICULAR\_DC\_UP  
GSE29949\_CD8\_POS\_DC\_SPLEEN\_VS\_MONOCYTE\_BONE\_MARROW\_UP, GSE29949\_CD8\_POS\_DC\_SPLEEN\_VS\_MONOCYTE\_BONE\_MARROW\_UP  
REACTOME\_MAP\_KINASE\_ACTIVATION\_IN\_TLR\_CASCADE, REACTOME\_MAP\_KINASE\_ACTIVATION\_IN\_TLR\_CASCADE  
GSE10463\_CD40L\_AND\_VA347\_VS\_CD40L\_IN\_DC\_UP, GSE10463\_CD40L\_AND\_VA347\_VS\_CD40L\_IN\_DC\_UP  
GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_0.5H\_BMDC\_DN, GSE17721\_PAM3CSK4\_VS\_GADIQUIMOD\_0.5H\_BMDC\_DN  
PID\_PI3KCI\_PATHWAY, PID\_PI3KCI\_PATHWAY  
REACTOME\_NFKB\_AND\_MAP\_KINASES\_ACTIVATION\_MEDIATED\_BY\_TLR4\_SIGNALING\_REPERTOIRE, REACTOME\_NFKB\_AND\_MAP\_KINASES\_ACTIVATION\_MEDIATED\_BY\_TLR4\_SIGNALING\_REPERTOIRE  
GO\_ENDOCYTIC\_VESICLE\_MEMBRANE, GO\_ENDOCYTIC\_VESICLE\_MEMBRANE  
GSE37605\_NOD\_VS\_C57BL6\_IRES\_GFP\_TREG\_DN, GSE37605\_NOD\_VS\_C57BL6\_IRES\_GFP\_TREG\_DN  
AMUNDSON\_POOR\_SURVIVAL\_AFTER\_GAMMA\_RADIATION\_8G, AMUNDSON\_POOR\_SURVIVAL\_AFTER\_GAMMA\_RADIATION\_8G  
GSE22886\_NAIVE\_BCELL\_VS\_MONOCYTE\_UP, GSE22886\_NAIVE\_BCELL\_VS\_MONOCYTE\_UP  
GSE3982\_EFF\_MEMORY\_VS\_CENT\_MEMORY\_CD4\_TCELL\_DN, GSE3982\_EFF\_MEMORY\_VS\_CENT\_MEMORY\_CD4\_TCELL\_DN  
GSE32533\_WT\_VS\_MIR17\_KO\_ACT\_CD4\_TCELL\_UP, GSE32533\_WT\_VS\_MIR17\_KO\_ACT\_CD4\_TCELL\_UP  
GSE19941\_UNSTIM\_VS\_LPS\_STIM\_IL10\_KO\_MACROPHAGE\_UP, GSE19941\_UNSTIM\_VS\_LPS\_STIM\_IL10\_KO\_MACROPHAGE\_UP  
PID\_GLYPICAN\_1PATHWAY, PID\_GLYPICAN\_1PATHWAY  
GAZDA\_DIAMOND\_BLACKFAN\_ANEMIA\_MYELOID\_UP, GAZDA\_DIAMOND\_BLACKFAN\_ANEMIA\_MYELOID\_UP  
GSE37605\_NOD\_VS\_C57BL6\_IRES\_GFP\_TREG\_UP, GSE37605\_NOD\_VS\_C57BL6\_IRES\_GFP\_TREG\_UP  
KHETCHOUMIAN\_TRIM24\_TARGETS\_UP, KHETCHOUMIAN\_TRIM24\_TARGETS\_UP  
GSE360\_DC\_VS\_MAC\_T\_GONDII\_UP, GSE360\_DC\_VS\_MAC\_T\_GONDII\_UP  
BERENJENO\_TRANSFORMED\_BY\_RHOA\_REVERSIBLY\_DN, BERENJENO\_TRANSFORMED\_BY\_RHOA\_REVERSIBLY\_DN  
REACTOME\_GASTRIN\_CREB\_SIGNALLING\_PATHWAY\_VIA\_PKC\_AND\_MAPK, REACTOME\_GASTRIN\_CREB\_SIGNALLING\_PATHWAY\_VIA\_PKC\_AND\_MAPK  
GO\_PEPTIDYL\_TYROSINE\_MODIFICATION, GO\_PEPTIDYL\_TYROSINE\_MODIFICATION  
ACAACCT\_MIR453, ACAACCT\_MIR453  
GO\_NUCLEUS\_LOCALIZATION, GO\_NUCLEUS\_LOCALIZATION  
ZUCCHI\_METASTASIS\_DN, ZUCCHI\_METASTASIS\_DN  
GO\_REGULATION\_OF\_INTERLEUKIN\_12\_PRODUCTION, GO\_REGULATION\_OF\_INTERLEUKIN\_12\_PRODUCTION  
BUDHU\_LIVER\_CANCER\_METASTASIS\_UP, BUDHU\_LIVER\_CANCER\_METASTASIS\_UP