

1\_KO\_VS\_WT\_NTREG\_UP, GSE40655\_FOXO1\_KO\_VS\_WT\_NTREG\_UP

GSE20727\_H2O2\_VS\_ROS\_INHIBITOR\_TREATED\_DC\_UP, GSE20727\_H2O2\_VS\_ROS\_INHIBITOR\_TREATED\_DC\_UP  
GSE24671\_CTRL\_VS\_SENDAI\_VIRUS\_INFECTED\_MOUSE\_SPLENOCYTES\_DN, GSE24671\_CTRL\_VS\_SENDAI\_VIRUS\_INFECTED\_MOUSE\_SPLENOCYTES\_DN  
GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_48H\_DN, GSE2770\_UNTREATED\_VS\_TGFB\_AND\_IL12\_TREATED\_ACT\_CD4\_TCELL\_48H\_DN  
GSE23502\_WT\_VS\_HDC\_KO\_MYELOID\_DERIVED\_SUPPRESSOR\_CELL\_BM\_UP, GSE23502\_WT\_VS\_HDC\_KO\_MYELOID\_DERIVED\_SUPPRESSOR\_CELL\_BM\_UP  
GSE40666\_WT\_VS\_STAT1\_KO\_CD8\_TCELL\_WITH\_IFNA\_STIM\_90MIN\_UP, GSE40666\_WT\_VS\_STAT1\_KO\_CD8\_TCELL\_WITH\_IFNA\_STIM\_90MIN\_UP  
GSE15767\_MED\_VS\_SCS\_MAC\_LN\_DN, GSE15767\_MED\_VS\_SCS\_MAC\_LN\_DN  
GSE15750\_DAY6\_VS\_DAY10\_EFF\_CD8\_TCELL\_DN, GSE15750\_DAY6\_VS\_DAY10\_EFF\_CD8\_TCELL\_DN  
GSE16451\_CTRL\_VS\_WEST\_EQUINE\_ENC\_VIRUS\_IMMATURE\_NEURON\_CELL\_LINE\_UP, GSE16451\_CTRL\_VS\_WEST\_EQUINE\_ENC\_VIRUS\_IMMATURE\_NEURON\_CELL\_LINE\_UP  
GSE14350\_IL2RB\_KO\_VS\_WT\_TREG\_UP, GSE14350\_IL2RB\_KO\_VS\_WT\_TREG\_UP  
GSE26669\_CTRL\_VS\_COSTIM\_BLOCK\_MLR\_CD8\_TCELL\_DN, GSE26669\_CTRL\_VS\_COSTIM\_BLOCK\_MLR\_CD8\_TCELL\_DN  
GSE30962\_ACUTE\_VS\_CHRONIC\_LCMV\_SECONDARY\_INF\_CD8\_TCELL\_UP, GSE30962\_ACUTE\_VS\_CHRONIC\_LCMV\_SECONDARY\_INF\_CD8\_TCELL\_UP  
GSE7460\_CD8\_TCELL\_VS\_TREG\_ACT\_UP, GSE7460\_CD8\_TCELL\_VS\_TREG\_ACT\_UP  
GOBP\_PROTEIN\_METHYLATION, GOBP\_PROTEIN\_METHYLATION  
KEGG\_LYSOSOME, KEGG\_LYSOSOME  
GSE39110\_UNTREATED\_VS\_IL2\_TREATED\_CD8\_TCELL\_DAY6\_POST\_IMMUNIZATION\_UP, GSE39110\_UNTREATED\_VS\_IL2\_TREATED\_CD8\_TCELL\_DAY6\_POST\_IMMUNIZATION\_UP  
GSE14308\_TH2\_VS\_NATURAL\_TREG\_DN, GSE14308\_TH2\_VS\_NATURAL\_TREG\_DN  
GSE5455\_HEALTHY\_VS\_TUMOR\_BEARING\_MOUSE\_SPLEEN\_MONOCYTE\_DN, GSE5455\_HEALTHY\_VS\_TUMOR\_BEARING\_MOUSE\_SPLEEN\_MONOCYTE\_DN  
GSE40274\_LEF1\_VS\_FOXP3\_AND\_LEF1\_TRANSDUCECD\_ACTIVATED\_CD4\_TCELL\_DN, GSE40274\_LEF1\_VS\_FOXP3\_AND\_LEF1\_TRANSDUCECD\_ACTIVATED\_CD4\_TCELL\_DN  
GSE7509\_UNSTIM\_VS\_FCGR1B\_STIM\_MONOCYTE\_DN, GSE7509\_UNSTIM\_VS\_FCGR1B\_STIM\_MONOCYTE\_DN  
GTGACTT\_MIR224, GTGACTT\_MIR224  
HP\_JOINT\_STIFFNESS, HP\_JOINT\_STIFFNESS  
GSE7568\_IL4\_VS\_IL4\_AND\_DEXAMETHASONE\_TREATED\_MACROPHAGE\_DN, GSE7568\_IL4\_VS\_IL4\_AND\_DEXAMETHASONE\_TREATED\_MACROPHAGE\_DN  
GOBP\_HISTONE\_METHYLATION, GOBP\_HISTONE\_METHYLATION  
GSE7460\_TCONV\_VS\_TREG\_LN\_UP, GSE7460\_TCONV\_VS\_TREG\_LN\_UP  
HP\_SHORT\_PHILTRUM, HP\_SHORT\_PHILTRUM  
MIR186\_3P, MIR186\_3P  
HP\_ABNORMALITY\_OF\_THE\_PHARYNX, HP\_ABNORMALITY\_OF\_THE\_PHARYNX  
GOCC\_HISTONE\_METHYLTRANSFERASE\_COMPLEX, GOCC\_HISTONE\_METHYLTRANSFERASE\_COMPLEX  
MIR299\_5P, MIR299\_5P  
GSE10239\_MEMORY\_VS\_KLRG1HIGH\_EFF\_CD8\_TCELL\_UP, GSE10239\_MEMORY\_VS\_KLRG1HIGH\_EFF\_CD8\_TCELL\_UP  
MIR1251\_3P, MIR1251\_3P  
GGGCATT\_MIR365, GGGCATT\_MIR365  
MIR2355\_5P, MIR2355\_5P  
MODULE\_331, MODULE\_331  
BASSO\_CD40\_SIGNALING\_DN, BASSO\_CD40\_SIGNALING\_DN  
ACAACTT\_MIR382, ACAACTT\_MIR382  
HP\_ABNORMAL\_MACULAR\_MORPHOLOGY, HP\_ABNORMAL\_MACULAR\_MORPHOLOGY  
NIKOLSKY\_MUTATED\_AND\_AMPLIFIED\_IN\_BREAST\_CANCER, NIKOLSKY\_MUTATED\_AND\_AMPLIFIED\_IN\_BREAST\_CANCER  
GOMF\_LYSINE\_N\_METHYLTRANSFERASE\_ACTIVITY, GOMF\_LYSINE\_N\_METHYLTRANSFERASE\_ACTIVITY  
ESC\_V6.5\_UP\_EARLY.V1\_UP, ESC\_V6.5\_UP\_EARLY.V1\_UP  
HNF3\_Q6, HNF3\_Q6  
CDPCR1\_01, CDPCR1\_01  
GSE3720\_LPS\_VS\_PMA\_STIM\_VD2\_GAMMADELTA\_TCELL\_UP, GSE3720\_LPS\_VS\_PMA\_STIM\_VD2\_GAMMADELTA\_TCELL\_UP  
MIR6745, MIR6745  
ODONNELL\_METASTASIS\_UP, ODONNELL\_METASTASIS\_UP  
HALLMARK\_KRAS\_SIGNALING\_DN, HALLMARK\_KRAS\_SIGNALING\_DN  
NKX25\_01, NKX25\_01  
HP\_NATAL\_TOOTH, HP\_NATAL\_TOOTH  
GOBP\_CELL\_FATE\_SPECIFICATION, GOBP\_CELL\_FATE\_SPECIFICATION  
GOCC\_SET1C\_COMPASS\_COMPLEX, GOCC\_SET1C\_COMPASS\_COMPLEX  
GOMF\_POLY\_A\_SPECIFIC\_RIBONUCLEASE\_ACTIVITY, GOMF\_POLY\_A\_SPECIFIC\_RIBONUCLEASE\_ACTIVITY  
GOBP\_REGULATION\_OF\_AUTOPHAGOSOME\_MATURATION, GOBP\_REGULATION\_OF\_AUTOPHAGOSOME\_MATURATION  
GOBP\_GAMMA\_AMINOBUTYRIC\_ACID\_SIGNALING\_PATHWAY, GOBP\_GAMMA\_AMINOBUTYRIC\_ACID\_SIGNALING\_PATHWAY  
GOCC\_SECONDARY\_LYSOSOME, GOCC\_SECONDARY\_LYSOSOME  
HP\_STUTTERING, HP\_STUTTERING  
YAUCH\_HEDGEHOG\_SIGNALING\_PARACRINE\_UP, YAUCH\_HEDGEHOG\_SIGNALING\_PARACRINE\_UP  
GOBP\_URINARY\_TRACT\_SMOOTH\_MUSCLE\_CONTRACTION, GOBP\_URINARY\_TRACT\_SMOOTH\_MUSCLE\_CONTRACTION  
GOBP\_DETECTION\_OF\_MECHANICAL\_STIMULUS\_INVOLVED\_IN\_SENSORY\_PERCEPTION\_OF\_SOUND, GOBP\_DETECTION\_OF\_MECHANICAL\_STIMULUS\_INVOLVED\_IN\_SENSORY\_P