

NX1\_RUNX1T1\_FUSION\_HSC\_UP, TONKS\_TARGETS\_OF\_RUNX1\_RUNX1T1\_FUSION\_HSC\_UP

TAKEDA\_TARGETS\_OF\_NUP98\_HOXA9\_FUSION\_8D\_UP, TAKEDA\_TARGETS\_OF\_NUP98\_HOXA9\_FUSION\_8D\_UP  
MEL18\_DN.V1\_DN, MEL18\_DN.V1\_DN  
TAKEDA\_TARGETS\_OF\_NUP98\_HOXA9\_FUSION\_16D\_UP, TAKEDA\_TARGETS\_OF\_NUP98\_HOXA9\_FUSION\_16D\_UP  
GSE21546\_UNSTIM\_VS\_ANTI\_CD3\_STIM\_DP\_THYMOCYTES\_UP, GSE21546\_UNSTIM\_VS\_ANTI\_CD3\_STIM\_DP\_THYMOCYTES\_UP  
GSE17721\_LPS\_VS\_CPG\_1H\_BMDC\_DN, GSE17721\_LPS\_VS\_CPG\_1H\_BMDC\_DN  
GSE23308\_CTRL\_VS\_CORTICOSTERONE\_TREATED\_MACROPHAGE\_DN, GSE23308\_CTRL\_VS\_CORTICOSTERONE\_TREATED\_MACROPHAGE\_DN  
BENPORATH\_NOS\_TARGETS, BENPORATH\_NOS\_TARGETS  
GAUSSMANN\_MLL\_AF4\_FUSION\_TARGETS\_F\_UP, GAUSSMANN\_MLL\_AF4\_FUSION\_TARGETS\_F\_UP  
GSE17721\_CTRL\_VS\_POLYIC\_4H\_BMDC\_DN, GSE17721\_CTRL\_VS\_POLYIC\_4H\_BMDC\_DN  
GSE21546\_UNSTIM\_VS\_ANTI\_CD3\_STIM\_SAP1A\_KO\_DP\_THYMOCYTES\_UP, GSE21546\_UNSTIM\_VS\_ANTI\_CD3\_STIM\_SAP1A\_KO\_DP\_THYMOCYTES\_UP  
GSE17721\_CTRL\_VS\_CPG\_4H\_BMDC\_DN, GSE17721\_CTRL\_VS\_CPG\_4H\_BMDC\_DN  
GSE36392\_TYPE\_2\_MYELOID\_VS\_MAC\_IL25\_TREATED\_LUNG\_UP, GSE36392\_TYPE\_2\_MYELOID\_VS\_MAC\_IL25\_TREATED\_LUNG\_UP  
BROWNE\_HCMV\_INFECTION\_18HR\_DN, BROWNE\_HCMV\_INFECTION\_18HR\_DN  
GSE27670\_CTRL\_VS\_BLIMP1\_TRANSDUCED\_GC\_BCELL\_DN, GSE27670\_CTRL\_VS\_BLIMP1\_TRANSDUCED\_GC\_BCELL\_DN  
HOELZEL\_NF1\_TARGETS\_DN, HOELZEL\_NF1\_TARGETS\_DN  
GSE21546\_WT\_VS\_SAP1A\_KO\_AND\_ELK1\_KO\_ANTI\_CD3\_STIM\_DP\_THYMOCYTES\_UP, GSE21546\_WT\_VS\_SAP1A\_KO\_AND\_ELK1\_KO\_ANTI\_CD3\_STIM\_DP\_THYMOCYTES\_UP  
GSE22935\_WT\_VS\_MXD88\_KO\_MACROPHAGE\_DN, GSE22935\_WT\_VS\_MXD88\_KO\_MACROPHAGE\_DN  
KAN\_RESPONSE\_TO\_ARSENIC\_TRIOXIDE, KAN\_RESPONSE\_TO\_ARSENIC\_TRIOXIDE  
ANASTASSIOU\_MULTICANCER\_INVASIVENESS\_SIGNATURE, ANASTASSIOU\_MULTICANCER\_INVASIVENESS\_SIGNATURE  
GERY\_CEBP\_TARGETS, GERY\_CEBP\_TARGETS  
KIM\_GLIS2\_TARGETS\_UP, KIM\_GLIS2\_TARGETS\_UP  
GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_2H\_ACT\_CD4\_TCELL\_DN, GSE17974\_IL4\_AND\_ANTI\_IL12\_VS\_UNTREATED\_2H\_ACT\_CD4\_TCELL\_DN  
MEF2\_01, MEF2\_01  
GO\_POSITIVE\_REGULATION\_OF\_CYTOSKELETON\_ORGANIZATION, GO\_POSITIVE\_REGULATION\_OF\_CYTOSKELETON\_ORGANIZATION  
VALK\_AML\_WITH\_EV11, VALK\_AML\_WITH\_EV11  
PANGAS\_TUMOR\_SUPPRESSION\_BY\_SMAD1\_AND\_SMAD5\_UP, PANGAS\_TUMOR\_SUPPRESSION\_BY\_SMAD1\_AND\_SMAD5\_UP  
RICKMAN\_HEAD\_AND\_NECK\_CANCER\_E, RICKMAN\_HEAD\_AND\_NECK\_CANCER\_E  
TAKEDA\_TARGETS\_OF\_NUP98\_HOXA9\_FUSION\_16D\_DN, TAKEDA\_TARGETS\_OF\_NUP98\_HOXA9\_FUSION\_16D\_DN  
LIU\_PROSTATE\_CANCER\_UP, LIU\_PROSTATE\_CANCER\_UP  
KRAS.300\_UP.V1\_UP, KRAS.300\_UP.V1\_UP  
GCM\_SIRT2, GCM\_SIRT2  
BCAT.100\_UP.V1\_UP, BCAT.100\_UP.V1\_UP  
GO\_MULTICELLULAR\_ORGANISMAL\_SIGNALING, GO\_MULTICELLULAR\_ORGANISMAL\_SIGNALING  
GO\_REGULATION\_OF\_MUSCLE\_CONTRACTION, GO\_REGULATION\_OF\_MUSCLE\_CONTRACTION  
LEI\_HOXC8\_TARGETS\_DN, LEI\_HOXC8\_TARGETS\_DN  
GO\_REGULATION\_OF\_BLOOD\_PRESSURE, GO\_REGULATION\_OF\_BLOOD\_PRESSURE  
HOSHIDA\_LIVER\_CANCER\_SURVIVAL\_UP, HOSHIDA\_LIVER\_CANCER\_SURVIVAL\_UP  
VANHARANTA\_UTERINE\_FIBROID\_UP, VANHARANTA\_UTERINE\_FIBROID\_UP  
GSE24210\_IL35\_TREATED\_VS\_RESTING\_TREG\_UP, GSE24210\_IL35\_TREATED\_VS\_RESTING\_TREG\_UP  
CORRE\_MULTIPLE\_MYELOMA\_UP, CORRE\_MULTIPLE\_MYELOMA\_UP  
GO\_ARTERY\_MORPHOGENESIS, GO\_ARTERY\_MORPHOGENESIS  
AZARE\_NEOPLASTIC\_TRANSFORMATION\_BY\_STAT3\_UP, AZARE\_NEOPLASTIC\_TRANSFORMATION\_BY\_STAT3\_UP  
HMEF2\_Q6, HMEF2\_Q6  
REACTOME\_G\_ALPHA\_Q\_SIGNALLING\_EVENTS, REACTOME\_G\_ALPHA\_Q\_SIGNALLING\_EVENTS  
CUI\_TCF21\_TARGETS\_UP, CUI\_TCF21\_TARGETS\_UP  
GSE19941\_UNSTIM\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_NFKBP50\_KO\_MACROPHAGE\_UP, GSE19941\_UNSTIM\_VS\_LPS\_AND\_IL10\_STIM\_IL10\_KO\_NFKBP50\_KO\_MACROPHAGE\_UP  
GNF2\_EGFR, GNF2\_EGFR  
GO\_MAIN\_AXON, GO\_MAIN\_AXON  
GO\_CHONDROITIN\_SULFATE\_CATABOLIC\_PROCESS, GO\_CHONDROITIN\_SULFATE\_CATABOLIC\_PROCESS  
KIM\_MYCL1\_AMPLIFICATION\_TARGETS\_DN, KIM\_MYCL1\_AMPLIFICATION\_TARGETS\_DN  
REACTOME\_NCAM\_SIGNALING\_FOR\_NEURITE\_OUT\_GROWTH, REACTOME\_NCAM\_SIGNALING\_FOR\_NEURITE\_OUT\_GROWTH  
SMID\_BREAST\_CANCER\_LUMINAL\_A\_UP, SMID\_BREAST\_CANCER\_LUMINAL\_A\_UP  
WONG\_ENDMETRIUM\_CANCER\_DN, WONG\_ENDMETRIUM\_CANCER\_DN  
GNF2\_AFIQ, GNF2\_AFIQ  
VALK\_AML\_CLUSTER\_8, VALK\_AML\_CLUSTER\_8  
GSE45365\_NK\_CELL\_VS\_BCELL\_DN, GSE45365\_NK\_CELL\_VS\_BCELL\_DN  
REACTOME\_INTERACTION\_BETWEEN\_L1\_AND\_ANKYRINS, REACTOME\_INTERACTION\_BETWEEN\_L1\_AND\_ANKYRINS  
GO\_VITAMIN\_METABOLIC\_PROCESS, GO\_VITAMIN\_METABOLIC\_PROCESS  
GSE2585\_CD80\_HIGH\_VS\_LOW\_MTEC\_UP, GSE2585\_CD80\_HIGH\_VS\_LOW\_MTEC\_UP  
GO\_AORTA\_MORPHOGENESIS, GO\_AORTA\_MORPHOGENESIS  
JI\_METASTASIS\_REPRESSED\_BY\_STK11, JI\_METASTASIS\_REPRESSED\_BY\_STK11  
GO\_NEGATIVE\_REGULATION\_OF\_G\_PROTEIN\_COUPLED\_RECEPTOR\_PROTEIN\_SIGNALING\_PATHWAY, GO\_NEGATIVE\_REGULATION\_OF\_G\_PROTEIN\_COUPLED\_RECEPTOR\_PR  
VANDESLUIS\_COMMD1\_TARGETS\_GROUP\_3\_DN, VANDESLUIS\_COMMD1\_TARGETS\_GROUP\_3\_DN  
REACTOME\_CS\_DS\_DEGRADATION, REACTOME\_CS\_DS\_DEGRADATION  
MODULE\_385, MODULE\_385  
GSE8921\_UNSTIM\_0H\_VS\_TLR1\_2\_STIM\_MONOCYTE\_24H\_UP, GSE8921\_UNSTIM\_0H\_VS\_TLR1\_2\_STIM\_MONOCYTE\_24H\_UP  
GO\_SERINE\_TYPE\_ENDOPEPTIDASE\_INHIBITOR\_ACTIVITY, GO\_SERINE\_TYPE\_ENDOPEPTIDASE\_INHIBITOR\_ACTIVITY  
GO\_STEROID\_HYDROXYLASE\_ACTIVITY, GO\_STEROID\_HYDROXYLASE\_ACTIVITY  
chr8p12, chr8p12  
GSE13411\_IGM\_VS\_SWITCHED\_MEMORY\_BCELL\_UP, GSE13411\_IGM\_VS\_SWITCHED\_MEMORY\_BCELL\_UP  
GO\_DERMATAN\_SULFATE\_PROTEOGLYCAN\_METABOLIC\_PROCESS, GO\_DERMATAN\_SULFATE\_PROTEOGLYCAN\_METABOLIC\_PROCESS  
chr6p25, chr6p25  
FARMER\_BREAST\_CANCER\_CLUSTER\_4, FARMER\_BREAST\_CANCER\_CLUSTER\_4  
GO\_CARDIAC\_MUSCLE\_TISSUE\_DEVELOPMENT, GO\_CARDIAC\_MUSCLE\_TISSUE\_DEVELOPMENT  
AMIT\_EGF\_RESPONSE\_240\_MCF10A, AMIT\_EGF\_RESPONSE\_240\_MCF10A  
GNF2\_CDKN1C, GNF2\_CDKN1C  
MODULE\_311, MODULE\_311  
GO\_COLLAGEN\_FIBRIL\_ORGANIZATION, GO\_COLLAGEN\_FIBRIL\_ORGANIZATION  
GO\_RESPONSE\_TO\_DIETARY\_EXCESS, GO\_RESPONSE\_TO\_DIETARY\_EXCESS  
GO\_NEGATIVE\_REGULATION\_OF\_EPITHELIAL\_CELL\_DIFFERENTIATION, GO\_NEGATIVE\_REGULATION\_OF\_EPITHELIAL\_CELL\_DIFFERENTIATION  
LOPEZ\_MESOTHELIOMA\_SURVIVAL\_OVERALL\_DN, LOPEZ\_MESOTHELIOMA\_SURVIVAL\_OVERALL\_DN  
GO\_DERMATAN\_SULFATE\_METABOLIC\_PROCESS, GO\_DERMATAN\_SULFATE\_METABOLIC\_PROCESS  
SU\_PLACENTA, SU\_PLACENTA  
COLLER\_MYC\_TARGETS\_DN, COLLER\_MYC\_TARGETS\_DN  
MOROSETTI\_FACIOSCAPULOHUMERAL\_MUSCULAR\_DISTROPHY\_UP, MOROSETTI\_FACIOSCAPULOHUMERAL\_MUSCULAR\_DISTROPHY\_UP