

\_BASAL\_RADIAL\_GLIA\_DN, FLORIO\_NEOCORTEX\_BASAL\_RADIAL\_GLIA\_DN

WHITFIELD\_CELL\_CYCLE\_G2\_M, WHITFIELD\_CELL\_CYCLE\_G2\_M  
CROMER\_TUMORIGENESIS\_UP, CROMER\_TUMORIGENESIS\_UP  
PYEON\_HPV\_POSITIVE\_TUMORS\_UP, PYEON\_HPV\_POSITIVE\_TUMORS\_UP  
RIGGI\_EWING\_SARCOMA\_PROGENITOR\_DN, RIGGI\_EWING\_SARCOMA\_PROGENITOR\_DN  
LASTOWSKA\_NEUROBLASTOMA\_COPY\_NUMBER\_UP, LASTOWSKA\_NEUROBLASTOMA\_COPY\_NUMBER\_UP  
WP\_ATM\_SIGNALING\_PATHWAY, WP\_ATM\_SIGNALING\_PATHWAY  
SHETH\_LIVER\_CANCER\_VS\_TXNIP\_LOSS\_PAM2, SHETH\_LIVER\_CANCER\_VS\_TXNIP\_LOSS\_PAM2  
WHITFIELD\_CELL\_CYCLE\_M\_G1, WHITFIELD\_CELL\_CYCLE\_M\_G1  
SMITH\_LIVER\_CANCER, SMITH\_LIVER\_CANCER  
RAMASWAMY\_METASTASIS\_UP, RAMASWAMY\_METASTASIS\_UP  
BIOCARTA\_ATRBRCA\_PATHWAY, BIOCARTA\_ATRBRCA\_PATHWAY  
JIANG\_TIP30\_TARGETS\_UP, JIANG\_TIP30\_TARGETS\_UP  
REACTOME\_RESOLUTION\_OF\_D\_LOOP\_STRUCTURES\_THROUGH\_SYNTHESIS\_DEPENDENT\_STRAND\_ANNEALING\_SDSA, REACTOME\_RESOLUTION\_OF\_D\_LOOP\_STRUCTURES\_THROUGH\_SYNTHESIS\_DEPENDENT\_STRAND\_ANNEALING\_SDSA  
REACTOME\_RHOC\_GTPASE\_CYCLE, REACTOME\_RHOC\_GTPASE\_CYCLE  
PID\_ATM\_PATHWAY, PID\_ATM\_PATHWAY  
KUNINGER\_IGF1\_VS\_PDGFB\_TARGETS\_DN, KUNINGER\_IGF1\_VS\_PDGFB\_TARGETS\_DN  
ZHAN\_EARLY\_DIFFERENTIATION\_GENES\_DN, ZHAN\_EARLY\_DIFFERENTIATION\_GENES\_DN  
DAZARD\_UV\_RESPONSE\_CLUSTER\_G6, DAZARD\_UV\_RESPONSE\_CLUSTER\_G6  
REACTOME\_RESOLUTION\_OF\_D\_LOOP\_STRUCTURES, REACTOME\_RESOLUTION\_OF\_D\_LOOP\_STRUCTURES  
PID\_PLK1\_PATHWAY, PID\_PLK1\_PATHWAY  
REACTOME\_RHOD\_GTPASE\_CYCLE, REACTOME\_RHOD\_GTPASE\_CYCLE  
FINETTI\_BREAST\_CANCER\_KINOME\_RED, FINETTI\_BREAST\_CANCER\_KINOME\_RED  
MATHEW\_FANCONI\_ANEMIA\_GENES, MATHEW\_FANCONI\_ANEMIA\_GENES  
GENTLES\_LEUKEMIC\_STEM\_CELL\_DN, GENTLES\_LEUKEMIC\_STEM\_CELL\_DN  
HERNANDEZ\_ABERRANT\_MITOSIS\_BY\_DOCETACEL\_2NM\_DN, HERNANDEZ\_ABERRANT\_MITOSIS\_BY\_DOCETACEL\_2NM\_DN  
LINDGREN\_BLADDER\_CANCER\_HIGH\_RECURRENCE, LINDGREN\_BLADDER\_CANCER\_HIGH\_RECURRENCE  
ANASTASSIOU\_MULTICANCER\_INVASIVENESS\_SIGNATURE, ANASTASSIOU\_MULTICANCER\_INVASIVENESS\_SIGNATURE  
PID\_AURORA\_B\_PATHWAY, PID\_AURORA\_B\_PATHWAY  
YANG\_BREAST\_CANCER\_ESR1\_LASER\_DN, YANG\_BREAST\_CANCER\_ESR1\_LASER\_DN  
REACTOME\_RHOB\_GTPASE\_CYCLE, REACTOME\_RHOB\_GTPASE\_CYCLE  
SHEPARD\_CRASH\_AND\_BURN\_MUTANT\_DN, SHEPARD\_CRASH\_AND\_BURN\_MUTANT\_DN  
LY\_AGING\_PREMATURE\_DN, LY\_AGING\_PREMATURE\_DN  
SU\_TESTIS, SU\_TESTIS  
BORLAK\_LIVER\_CANCER\_EGF\_UP, BORLAK\_LIVER\_CANCER\_EGF\_UP  
PID\_AURORA\_A\_PATHWAY, PID\_AURORA\_A\_PATHWAY  
SIMBULAN\_UV\_RESPONSE\_IMMORTALIZED\_DN, SIMBULAN\_UV\_RESPONSE\_IMMORTALIZED\_DN  
JI\_CARCINOGENESIS\_BY\_KRAS\_AND\_STK11\_DN, JI\_CARCINOGENESIS\_BY\_KRAS\_AND\_STK11\_DN  
SHETH\_LIVER\_CANCER\_VS\_TXNIP\_LOSS\_PAM3, SHETH\_LIVER\_CANCER\_VS\_TXNIP\_LOSS\_PAM3  
HOWLIN\_CITED1\_TARGETS\_1\_DN, HOWLIN\_CITED1\_TARGETS\_1\_DN  
URS\_ADIPOCYTE\_DIFFERENTIATION\_DN, URS\_ADIPOCYTE\_DIFFERENTIATION\_DN  
TURASHVILI\_BREAST\_LOBULAR\_CARCINOMA\_VS\_DUCTAL\_NORMAL\_UP, TURASHVILI\_BREAST\_LOBULAR\_CARCINOMA\_VS\_DUCTAL\_NORMAL\_UP  
MINGUEZ\_LIVER\_CANCER\_VASCULAR\_INVASION\_UP, MINGUEZ\_LIVER\_CANCER\_VASCULAR\_INVASION\_UP  
REICHERT\_MITOSIS\_LIN9\_TARGETS, REICHERT\_MITOSIS\_LIN9\_TARGETS  
HAHTOLA\_SEZARY\_SYNDROM\_UP, HAHTOLA\_SEZARY\_SYNDROM\_UP  
WP\_ATM\_SIGNALING\_NETWORK\_IN\_DEVELOPMENT\_AND\_DISEASE, WP\_ATM\_SIGNALING\_NETWORK\_IN\_DEVELOPMENT\_AND\_DISEASE  
PETRETTO\_CARDIAC\_HYPERTROPHY, PETRETTO\_CARDIAC\_HYPERTROPHY  
BASSO\_HAIRY\_CELL\_LEUKEMIA\_UP, BASSO\_HAIRY\_CELL\_LEUKEMIA\_UP  
SESTO\_RESPONSE\_TO\_UV\_C7, SESTO\_RESPONSE\_TO\_UV\_C7  
GENTILE\_UV\_RESPONSE\_CLUSTER\_D1, GENTILE\_UV\_RESPONSE\_CLUSTER\_D1  
BIOCARTA\_ATM\_PATHWAY, BIOCARTA\_ATM\_PATHWAY  
WP\_MIR5093P\_ALTERATION\_OF\_YAP1ECM\_AXIS, WP\_MIR5093P\_ALTERATION\_OF\_YAP1ECM\_AXIS  
NABA\_PROTEOGLYCANS, NABA\_PROTEOGLYCANS  
LANDEMAINE\_LUNG\_METASTASIS, LANDEMAINE\_LUNG\_METASTASIS  
MCCABE\_HOXC6\_TARGETS\_DN, MCCABE\_HOXC6\_TARGETS\_DN  
KHETCHOUMIAN\_TRIM24\_TARGETS\_UP, KHETCHOUMIAN\_TRIM24\_TARGETS\_UP  
HOQUE\_METHYLATED\_IN\_CANCER, HOQUE\_METHYLATED\_IN\_CANCER  
SMID\_BREAST\_CANCER\_RELAPSE\_IN\_LUNG\_UP, SMID\_BREAST\_CANCER\_RELAPSE\_IN\_LUNG\_UP  
BENPORATH\_ES\_CORE\_NINE\_CORRELATED, BENPORATH\_ES\_CORE\_NINE\_CORRELATED  
DELACROIX\_RAR\_TARGETS\_DN, DELACROIX\_RAR\_TARGETS\_DN  
BROWNE\_HCMV\_INFECTION\_12HR\_DN, BROWNE\_HCMV\_INFECTION\_12HR\_DN  
REACTOME\_ECM\_PROTEOGLYCANS, REACTOME\_ECM\_PROTEOGLYCANS