

REGULATES\_METABOLIC\_GENES, REACTOME\_TP53\_REGULATES\_METABOLIC\_GENES

KERLEY\_RESPONSE\_TO\_CISPLATIN\_UP, KERLEY\_RESPONSE\_TO\_CISPLATIN\_UP  
REACTOME\_AMINO\_ACIDS\_REGULATE\_MTORC1, REACTOME\_AMINO\_ACIDS\_REGULATE\_MTORC1  
WP\_LEPTIN\_SIGNALING\_PATHWAY, WP\_LEPTIN\_SIGNALING\_PATHWAY  
PID\_ERBB1\_DOWNSTREAM\_PATHWAY, PID\_ERBB1\_DOWNSTREAM\_PATHWAY  
REACTOME\_MTOR\_SIGNALLING, REACTOME\_MTOR\_SIGNALLING  
REACTOME\_REGULATION\_OF\_PTEN\_GENE\_TRANSCRIPTION, REACTOME\_REGULATION\_OF\_PTEN\_GENE\_TRANSCRIPTION  
REACTOME\_ENERGY\_DEPENDENT\_REGULATION\_OF\_MTOR\_BY\_LKB1\_AMPK, REACTOME\_ENERGY\_DEPENDENT\_REGULATION\_OF\_MTOR\_BY\_LKB1\_AMPK  
WP\_PROLACTIN\_SIGNALING\_PATHWAY, WP\_PROLACTIN\_SIGNALING\_PATHWAY  
REACTOME\_RAB\_REGULATION\_OF\_TRAFFICKING, REACTOME\_RAB\_REGULATION\_OF\_TRAFFICKING  
REACTOME\_MTORC1\_MEDIATED\_SIGNALLING, REACTOME\_MTORC1\_MEDIATED\_SIGNALLING  
REACTOME\_RAB\_GEF5\_EXCHANGE\_GTP\_FOR\_GDP\_ON\_RABS, REACTOME\_RAB\_GEF5\_EXCHANGE\_GTP\_FOR\_GDP\_ON\_RABS  
WP\_SREBF\_AND\_MIR33\_IN\_CHOLESTEROL\_AND\_LIPID\_HOMEOSTASIS, WP\_SREBF\_AND\_MIR33\_IN\_CHOLESTEROL\_AND\_LIPID\_HOMEOSTASIS  
KEGG\_APOPTOSIS, KEGG\_APOPTOSIS  
WP\_BRAINDERIVED\_NEUROTROPHIC\_FACTOR\_BDNF\_SIGNALING\_PATHWAY, WP\_BRAINDERIVED\_NEUROTROPHIC\_FACTOR\_BDNF\_SIGNALING\_PATHWAY  
PID\_TAP63\_PATHWAY, PID\_TAP63\_PATHWAY  
BERNARD\_PPAPDC1B\_TARGETS\_UP, BERNARD\_PPAPDC1B\_TARGETS\_UP  
REACTOME\_CARNITINE\_METABOLISM, REACTOME\_CARNITINE\_METABOLISM  
KEGG\_NEUROTROPHIN\_SIGNALING\_PATHWAY, KEGG\_NEUROTROPHIN\_SIGNALING\_PATHWAY  
REACTOME\_TP53\_REGULATES\_TRANSCRIPTION\_OF\_CELL\_DEATH\_GENES, REACTOME\_TP53\_REGULATES\_TRANSCRIPTION\_OF\_CELL\_DEATH\_GENES  
KEGG\_COLORECTAL\_CANCER, KEGG\_COLORECTAL\_CANCER  
WP\_4HYDROXYTAMOXIFEN\_DEXAMETHASONE\_AND\_RETINOIC\_ACIDS\_REGULATION\_OF\_P27\_EXPRESSION, WP\_4HYDROXYTAMOXIFEN\_DEXAMETHASONE\_AND\_RETINOIC\_ACIDS\_REGULATION\_OF\_P27\_EXPRESSION  
WP\_IL3\_SIGNALING\_PATHWAY, WP\_IL3\_SIGNALING\_PATHWAY  
BIOCARTA\_AKT\_PATHWAY, BIOCARTA\_AKT\_PATHWAY  
REACTOME\_TP53\_REGULATES\_TRANSCRIPTION\_OF\_GENES\_INVOLVED\_IN\_CYTOCHROME\_C\_RELEASE, REACTOME\_TP53\_REGULATES\_TRANSCRIPTION\_OF\_GENES\_INVOLVED\_IN\_CYTOCHROME\_C\_RELEASE  
REACTOME\_TRANSCRIPTIONAL\_REGULATION\_BY\_VENTX, REACTOME\_TRANSCRIPTIONAL\_REGULATION\_BY\_VENTX  
SIG\_PIP3\_SIGNALING\_IN\_CARDIAC\_MYOCYTES, SIG\_PIP3\_SIGNALING\_IN\_CARDIAC\_MYOCYTES  
WP\_MIRNA\_REGULATION\_OF\_PROSTATE\_CANCER\_SIGNALING\_PATHWAYS, WP\_MIRNA\_REGULATION\_OF\_PROSTATE\_CANCER\_SIGNALING\_PATHWAYS  
REACTOME\_KSRP\_KHSRP\_BINDS\_AND\_DESTABILIZES\_MRNA, REACTOME\_KSRP\_KHSRP\_BINDS\_AND\_DESTABILIZES\_MRNA  
WP\_CAMKK2\_PATHWAY, WP\_CAMKK2\_PATHWAY  
MARZEC\_IL2\_SIGNALING\_DN, MARZEC\_IL2\_SIGNALING\_DN  
WP\_ANGIOPOIETIN\_LIKE\_PROTEIN\_8\_REGULATORY\_PATHWAY, WP\_ANGIOPOIETIN\_LIKE\_PROTEIN\_8\_REGULATORY\_PATHWAY  
WP\_AUTOPHAGY, WP\_AUTOPHAGY  
KEGG\_MTOR\_SIGNALING\_PATHWAY, KEGG\_MTOR\_SIGNALING\_PATHWAY  
WP\_HEREDITARY\_LEIOMYOMATOSIS\_AND\_RENAL\_CELL\_CARCINOMA\_PATHWAY, WP\_HEREDITARY\_LEIOMYOMATOSIS\_AND\_RENAL\_CELL\_CARCINOMA\_PATHWAY  
REACTOME\_RUNX2\_REGULATES\_GENES\_INVOLVED\_IN\_CELL\_MIGRATION, REACTOME\_RUNX2\_REGULATES\_GENES\_INVOLVED\_IN\_CELL\_MIGRATION  
WP\_RESISTIN\_AS\_A\_REGULATOR\_OF\_INFLAMMATION, WP\_RESISTIN\_AS\_A\_REGULATOR\_OF\_INFLAMMATION  
SAKAI\_CHRONIC\_HEPATITIS\_VS\_LIVER\_CANCER\_DN, SAKAI\_CHRONIC\_HEPATITIS\_VS\_LIVER\_CANCER\_DN  
SA\_PTEN\_PATHWAY, SA\_PTEN\_PATHWAY  
WP\_SYNAPTIC\_SIGNALING\_PATHWAYS\_ASSOCIATED\_WITH\_AUTISM\_SPECTRUM\_DISORDER, WP\_SYNAPTIC\_SIGNALING\_PATHWAYS\_ASSOCIATED\_WITH\_AUTISM\_SPECTRUM\_DISORDER  
DACOSTA\_UV\_RESPONSE\_VIA\_ERCC3\_XPCS\_UP, DACOSTA\_UV\_RESPONSE\_VIA\_ERCC3\_XPCS\_UP  
WP\_TNF\_RELATED\_WEAK\_INDUCER\_OF\_APOPTOSIS\_TWEAK\_SIGNALING\_PATHWAY, WP\_TNF\_RELATED\_WEAK\_INDUCER\_OF\_APOPTOSIS\_TWEAK\_SIGNALING\_PATHWAY  
MARIADASON\_RESPONSE\_TO\_CURCUMIN\_SULINDAC\_7, MARIADASON\_RESPONSE\_TO\_CURCUMIN\_SULINDAC\_7  
REACTOME\_TP53\_REGULATES\_TRANSCRIPTION\_OF\_CASPASE\_ACTIVATORS\_AND\_CASPASES, REACTOME\_TP53\_REGULATES\_TRANSCRIPTION\_OF\_CASPASE\_ACTIVATORS\_AND\_CASPASES  
ASTIER\_INTEGRIN\_SIGNALING, ASTIER\_INTEGRIN\_SIGNALING  
BIOCARTA\_IGF1R\_PATHWAY, BIOCARTA\_IGF1R\_PATHWAY  
REACTOME\_CD28\_DEPENDENT\_PI3K\_AKT\_SIGNALING, REACTOME\_CD28\_DEPENDENT\_PI3K\_AKT\_SIGNALING