

SUBCLASS\_PROLIFERATION\_DN, CHIANG\_LIVER\_CANCER\_SUBCLASS\_PROLIFERATION\_DN

OHGUCHI\_LIVER\_HNF4A\_TARGETS\_DN, OHGUCHI\_LIVER\_HNF4A\_TARGETS\_DN  
HOWLIN\_PUBERTAL\_MAMMARY\_GLAND, HOWLIN\_PUBERTAL\_MAMMARY\_GLAND  
REACTOME\_PHASE\_I\_FUNCTIONALIZATION\_OF\_COMPOUNDS, REACTOME\_PHASE\_I\_FUNCTIONALIZATION\_OF\_COMPOUNDS  
KEGG\_RETINOL\_METABOLISM, KEGG\_RETINOL\_METABOLISM  
REACTOME\_REGULATION\_OF\_LIPID\_METABOLISM\_BY\_PPARALPHA, REACTOME\_REGULATION\_OF\_LIPID\_METABOLISM\_BY\_PPARALPHA  
REACTOME\_MISCELLANEOUS\_SUBSTRATES, REACTOME\_MISCELLANEOUS\_SUBSTRATES  
SU\_LIVER, SU\_LIVER  
REACTOME\_CYTOCHROME\_P450\_ARRANGED\_BY\_SUBSTRATE\_TYPE, REACTOME\_CYTOCHROME\_P450\_ARRANGED\_BY\_SUBSTRATE\_TYPE  
BOYALT\_LIVER\_CANCER\_SUBCLASS\_G123\_DN, BOYALT\_LIVER\_CANCER\_SUBCLASS\_G123\_DN  
CHIANG\_LIVER\_CANCER\_SUBCLASS\_CTNNB1\_UP, CHIANG\_LIVER\_CANCER\_SUBCLASS\_CTNNB1\_UP  
KEGG\_STEROID\_HORMONE\_BIOSYNTHESIS, KEGG\_STEROID\_HORMONE\_BIOSYNTHESIS  
REACTOME\_METABOLISM\_OF\_FOLATE\_AND\_PTERINES, REACTOME\_METABOLISM\_OF\_FOLATE\_AND\_PTERINES  
REACTOME\_FATTY\_ACIDS, REACTOME\_FATTY\_ACIDS  
CHIANG\_LIVER\_CANCER\_SUBCLASS\_POLYSOMY7\_UP, CHIANG\_LIVER\_CANCER\_SUBCLASS\_POLYSOMY7\_UP  
KEGG\_LYSINE\_DEGRADATION, KEGG\_LYSINE\_DEGRADATION  
WENG\_POR\_TARGETS\_GLOBAL\_DN, WENG\_POR\_TARGETS\_GLOBAL\_DN  
LEE\_LIVER\_CANCER\_SURVIVAL\_UP, LEE\_LIVER\_CANCER\_SURVIVAL\_UP  
YAMASHITA\_LIVER\_CANCER\_STEM\_CELL\_DN, YAMASHITA\_LIVER\_CANCER\_STEM\_CELL\_DN  
REACTOME\_EICOSANOIDS, REACTOME\_EICOSANOIDS  
KEGG\_DRUG\_METABOLISM\_CYTOCHROME\_P450, KEGG\_DRUG\_METABOLISM\_CYTOCHROME\_P450  
BANDRES\_RESPONSE\_TO\_CARMUSTIN\_MGMT\_48HR\_UP, BANDRES\_RESPONSE\_TO\_CARMUSTIN\_MGMT\_48HR\_UP  
LEE\_LIVER\_CANCER\_MYC\_E2F1\_DN, LEE\_LIVER\_CANCER\_MYC\_E2F1\_DN  
CAIRO\_HEPATOBLASTOMA\_POOR\_SURVIVAL, CAIRO\_HEPATOBLASTOMA\_POOR\_SURVIVAL  
REACTOME\_GLYOXYLATE\_METABOLISM\_AND\_GLYCINE\_DEGRADATION, REACTOME\_GLYOXYLATE\_METABOLISM\_AND\_GLYCINE\_DEGRADATION  
WOO\_LIVER\_CANCER\_RECURRENCE\_DN, WOO\_LIVER\_CANCER\_RECURRENCE\_DN  
YAO\_TEMPORAL\_RESPONSE\_TO\_PROGESTERONE\_CLUSTER\_2, YAO\_TEMPORAL\_RESPONSE\_TO\_PROGESTERONE\_CLUSTER\_2  
REACTOME\_RA\_BIOSYNTHESIS\_PATHWAY, REACTOME\_RA\_BIOSYNTHESIS\_PATHWAY  
KEGG\_PROPANOATE\_METABOLISM, KEGG\_PROPANOATE\_METABOLISM  
REACTOME\_SYNTHESIS\_OF\_LEUKOTRIENES\_LT\_AND\_EOXINS\_EX, REACTOME\_SYNTHESIS\_OF\_LEUKOTRIENES\_LT\_AND\_EOXINS\_EX  
REACTOME\_AMINO\_ACID\_CONJUGATION, REACTOME\_AMINO\_ACID\_CONJUGATION  
KEGG\_ASCORBATE\_AND\_ALDARATE\_METABOLISM, KEGG\_ASCORBATE\_AND\_ALDARATE\_METABOLISM  
REACTOME\_XENOBIOTICS, REACTOME\_XENOBIOTICS  
YAMASHITA\_LIVER\_CANCER\_WITH\_EPCAM\_DN, YAMASHITA\_LIVER\_CANCER\_WITH\_EPCAM\_DN  
REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_OF\_SATURATED\_FATTY\_ACIDS, REACTOME\_MITOCHONDRIAL\_FATTY\_ACID\_BETA\_OXIDATION\_C  
DOANE\_BREAST\_CANCER\_CLASSES\_UP, DOANE\_BREAST\_CANCER\_CLASSES\_UP  
KEGG\_PEROXISOME, KEGG\_PEROXISOME  
ICHIBA\_GRAFT\_VERSUS\_HOST\_DISEASE\_D7\_DN, ICHIBA\_GRAFT\_VERSUS\_HOST\_DISEASE\_D7\_DN  
KEGG\_PRIMARY\_BILE\_ACID\_BIOSYNTHESIS, KEGG\_PRIMARY\_BILE\_ACID\_BIOSYNTHESIS  
MOOTHA\_FFA\_OXYDATION, MOOTHA\_FFA\_OXYDATION