

TEIN\_LOCALIZATION, REACTOME\_PROTEIN\_LOCALIZATION

REACTOME\_DNA\_DAMAGE\_RECOGNITION\_IN\_GG\_NER, REACTOME\_DNA\_DAMAGE\_RECOGNITION\_IN\_GG\_NER  
REACTOME\_MITOCHONDRIAL\_BIOGENESIS, REACTOME\_MITOCHONDRIAL\_BIOGENESIS  
KEGG\_PEROXISOME, KEGG\_PEROXISOME  
REACTOME\_MYD88\_INDEPENDENT\_TLR4\_CASCADE, REACTOME\_MYD88\_INDEPENDENT\_TLR4\_CASCADE  
WAKABAYASHI\_ADIPOGENESIS\_PPARG\_RXRA\_BOUND\_WITH\_H4K20ME1\_MARK, WAKABAYASHI\_ADIPOGENESIS\_PPARG\_RXRA\_BOUND\_WITH\_H4K20ME1\_MARK  
REACTOME\_TOLL\_LIKE\_RECEPTOR\_CASCADES, REACTOME\_TOLL\_LIKE\_RECEPTOR\_CASCADES  
GROSS\_HYPOXIA\_VIA\_HIF1A\_UP, GROSS\_HYPOXIA\_VIA\_HIF1A\_UP  
REACTOME\_FANCONI\_ANEMIA\_PATHWAY, REACTOME\_FANCONI\_ANEMIA\_PATHWAY  
RODRIGUES\_DCC\_TARGETS\_DN, RODRIGUES\_DCC\_TARGETS\_DN  
REACTOME\_REGULATED\_NECROSIS, REACTOME\_REGULATED\_NECROSIS  
REACTOME\_TOLL\_LIKE\_RECEPTOR\_TLR1\_TLR2\_CASCADE, REACTOME\_TOLL\_LIKE\_RECEPTOR\_TLR1\_TLR2\_CASCADE  
REACTOME\_PROTEIN\_UBIQUITINATION, REACTOME\_PROTEIN\_UBIQUITINATION  
KEGG\_ARGININE\_AND\_PROLINE\_METABOLISM, KEGG\_ARGININE\_AND\_PROLINE\_METABOLISM  
KEGG\_VALINE\_LEUCINE\_AND\_ISOLEUCINE\_DEGRADATION, KEGG\_VALINE\_LEUCINE\_AND\_ISOLEUCINE\_DEGRADATION  
REACTOME\_ENDOSOMAL\_SORTING\_COMPLEX\_REQUIRED\_FOR\_TRANSPORT\_ESCRT, REACTOME\_ENDOSOMAL\_SORTING\_COMPLEX\_REQUIRED\_FOR\_TRANSPORT\_ESCRT  
REACTOME\_AMYLOID\_FIBER\_FORMATION, REACTOME\_AMYLOID\_FIBER\_FORMATION  
REACTOME\_CITRIC\_ACID\_CYCLE\_TCA\_CYCLE, REACTOME\_CITRIC\_ACID\_CYCLE\_TCA\_CYCLE  
BLALOCK\_ALZHEIMERS\_DISEASE\_INCIPIENT\_DN, BLALOCK\_ALZHEIMERS\_DISEASE\_INCIPIENT\_DN  
REACTOME\_FORMATION\_OF\_INCISION\_COMPLEX\_IN\_GG\_NER, REACTOME\_FORMATION\_OF\_INCISION\_COMPLEX\_IN\_GG\_NER  
REACTOME\_RAS\_PROCESSING, REACTOME\_RAS\_PROCESSING  
REACTOME\_SARS\_COV\_2\_INFECTION, REACTOME\_SARS\_COV\_2\_INFECTION  
REACTOME\_CRISTAE\_FORMATION, REACTOME\_CRISTAE\_FORMATION  
REACTOME\_PEROXISOMAL\_PROTEIN\_IMPORT, REACTOME\_PEROXISOMAL\_PROTEIN\_IMPORT  
RUAN\_RESPONSE\_TO\_TNF\_DN, RUAN\_RESPONSE\_TO\_TNF\_DN  
REACTOME\_E3\_UBIQUITIN\_LIGASES\_UBIQUITINATE\_TARGET\_PROTEINS, REACTOME\_E3\_UBIQUITIN\_LIGASES\_UBIQUITINATE\_TARGET\_PROTEINS  
REACTOME\_SYNTHESIS\_OF\_ACTIVE\_UBIQUITIN\_ROLES\_OF\_E1\_AND\_E2\_ENZYMES, REACTOME\_SYNTHESIS\_OF\_ACTIVE\_UBIQUITIN\_ROLES\_OF\_E1\_AND\_E2\_ENZYMES  
REACTOME\_FLT3\_SIGNALING\_IN\_DISEASE, REACTOME\_FLT3\_SIGNALING\_IN\_DISEASE  
REACTOME\_RIPK1\_MEDIATED\_REGULATED\_NECROSIS, REACTOME\_RIPK1\_MEDIATED\_REGULATED\_NECROSIS  
REACTOME\_TAK1\_ACTIVATES\_NFKB\_BY\_PHOSPHORYLATION\_AND\_ACTIVATION\_OF\_IKKS\_COMPLEX, REACTOME\_TAK1\_ACTIVATES\_NFKB\_BY\_PHOSPHORYLATION\_AND\_ACTIVATION\_OF\_IKKS\_COMPLEX  
REACTOME\_FLT3\_SIGNALING, REACTOME\_FLT3\_SIGNALING  
REACTOME\_TRANSCRIPTIONAL\_ACTIVITY\_OF\_SMAD2\_SMAD3\_SMAD4\_HETEROTRIMER, REACTOME\_TRANSCRIPTIONAL\_ACTIVITY\_OF\_SMAD2\_SMAD3\_SMAD4\_HETEROTRIMER  
REACTOME\_GLYCOGEN\_METABOLISM, REACTOME\_GLYCOGEN\_METABOLISM  
WAKABAYASHI\_ADIPOGENESIS\_PPARG\_RXRA\_BOUND\_36HR, WAKABAYASHI\_ADIPOGENESIS\_PPARG\_RXRA\_BOUND\_36HR  
REACTOME\_CLASS\_I\_PEROXISOMAL\_MEMBRANE\_PROTEIN\_IMPORT, REACTOME\_CLASS\_I\_PEROXISOMAL\_MEMBRANE\_PROTEIN\_IMPORT  
REACTOME\_TRANSLATION\_OF\_SARS\_COV\_2\_STRUCTURAL\_PROTEINS, REACTOME\_TRANSLATION\_OF\_SARS\_COV\_2\_STRUCTURAL\_PROTEINS  
REACTOME\_NEGATIVE\_REGULATORS\_OF\_DDX58\_IFIH1\_SIGNALING, REACTOME\_NEGATIVE\_REGULATORS\_OF\_DDX58\_IFIH1\_SIGNALING  
KEGG\_FATTY\_ACID\_METABOLISM, KEGG\_FATTY\_ACID\_METABOLISM  
REACTOME\_DDX58\_IFIH1\_MEDIATED\_INDUCTION\_OF\_INTERFERON\_ALPHA\_BETA, REACTOME\_DDX58\_IFIH1\_MEDIATED\_INDUCTION\_OF\_INTERFERON\_ALPHA\_BETA  
REACTOME\_CARGO\_RECOGNITION\_FOR\_CLATHRIN\_MEDIATED\_ENDOCYTOSIS, REACTOME\_CARGO\_RECOGNITION\_FOR\_CLATHRIN\_MEDIATED\_ENDOCYTOSIS  
REACTOME\_METALLOPROTEASE\_DUBS, REACTOME\_METALLOPROTEASE\_DUBS  
REACTOME\_N\_GLYCAN\_TRIMMING\_IN\_THE\_ER\_AND\_CALNEXIN\_CALRETICULIN\_CYCLE, REACTOME\_N\_GLYCAN\_TRIMMING\_IN\_THE\_ER\_AND\_CALNEXIN\_CALRETICULIN\_CYCLE  
REACTOME\_FATTY\_ACID\_METABOLISM, REACTOME\_FATTY\_ACID\_METABOLISM  
KIM\_LIVER\_CANCER\_POOR\_SURVIVAL\_DN, KIM\_LIVER\_CANCER\_POOR\_SURVIVAL\_DN  
WP\_EICOSANOID\_METABOLISM\_VIA\_LIPO\_OXYGENASES\_LOX, WP\_EICOSANOID\_METABOLISM\_VIA\_LIPO\_OXYGENASES\_LOX  
WP\_EICOSANOID\_METABOLISM\_VIA\_CYCLO\_OXYGENASES\_COX, WP\_EICOSANOID\_METABOLISM\_VIA\_CYCLO\_OXYGENASES\_COX  
REACTOME\_SIGNALING\_BY\_ERBB2, REACTOME\_SIGNALING\_BY\_ERBB2  
REACTOME\_SIGNALING\_BY\_EGFR, REACTOME\_SIGNALING\_BY\_EGFR  
REACTOME\_TRANSLATION\_OF\_SARS\_COV\_1\_STRUCTURAL\_PROTEINS, REACTOME\_TRANSLATION\_OF\_SARS\_COV\_1\_STRUCTURAL\_PROTEINS  
REACTOME\_NOD1\_2\_SIGNALING\_PATHWAY, REACTOME\_NOD1\_2\_SIGNALING\_PATHWAY  
RUAN\_RESPONSE\_TO\_TNF\_TROGLITAZONE\_DN, RUAN\_RESPONSE\_TO\_TNF\_TROGLITAZONE\_DN  
REACTOME\_SIGNALING\_BY\_CSF3\_G\_CSF, REACTOME\_SIGNALING\_BY\_CSF3\_G\_CSF  
REACTOME\_SIGNALING\_BY\_NOTCH3, REACTOME\_SIGNALING\_BY\_NOTCH3  
REACTOME\_CIRCADIAN\_CLOCK, REACTOME\_CIRCADIAN\_CLOCK  
WP\_7Q1123\_COPY\_NUMBER\_VARIATION\_SYNDROME, WP\_7Q1123\_COPY\_NUMBER\_VARIATION\_SYNDROME  
REACTOME\_INTERLEUKIN\_17\_SIGNALING, REACTOME\_INTERLEUKIN\_17\_SIGNALING  
SHIPP\_DLBCL\_CURED\_VS\_FATAL\_DN, SHIPP\_DLBCL\_CURED\_VS\_FATAL\_DN  
IIZUKA\_LIVER\_CANCER\_PROGRESSION\_G2\_G3\_UP, IIZUKA\_LIVER\_CANCER\_PROGRESSION\_G2\_G3\_UP  
REACTOME\_MITOCHONDRIAL\_IRON\_SULFUR\_CLUSTER\_BIOGENESIS, REACTOME\_MITOCHONDRIAL\_IRON\_SULFUR\_CLUSTER\_BIOGENESIS  
KEGG\_BUTANOATE\_METABOLISM, KEGG\_BUTANOATE\_METABOLISM  
REACTOME\_METABOLISM\_OF\_STEROIDS, REACTOME\_METABOLISM\_OF\_STEROIDS  
REACTOME\_SYNTHESIS\_OF\_BILE\_ACIDS\_AND\_BILE\_SALTS\_VIA\_7ALPHA\_HYDROXYCHOLESTEROL, REACTOME\_SYNTHESIS\_OF\_BILE\_ACIDS\_AND\_BILE\_SALTS\_VIA\_7ALPHA\_HYDROXYCHOLESTEROL  
REACTOME\_SARS\_COV\_1\_INFECTION, REACTOME\_SARS\_COV\_1\_INFECTION  
KEGG\_TRYPTOPHAN\_METABOLISM, KEGG\_TRYPTOPHAN\_METABOLISM  
WP\_MITOCHONDRIAL\_CIII\_ASSEMBLY, WP\_MITOCHONDRIAL\_CIII\_ASSEMBLY  
REACTOME\_SIGNALING\_BY\_PTK6, REACTOME\_SIGNALING\_BY\_PTK6  
REACTOME\_SYNTHESIS\_OF\_BILE\_ACIDS\_AND\_BILE\_SALTS, REACTOME\_SYNTHESIS\_OF\_BILE\_ACIDS\_AND\_BILE\_SALTS  
WP\_GLYCEROPHOSPHOLIPID\_BIOSYNTHETIC\_PATHWAY, WP\_GLYCEROPHOSPHOLIPID\_BIOSYNTHETIC\_PATHWAY  
REACTOME\_FORMATION\_OF\_ATP\_BY\_CHEMIOSMOTIC\_COUPLING, REACTOME\_FORMATION\_OF\_ATP\_BY\_CHEMIOSMOTIC\_COUPLING