MEDIATED\_PROTEOLYSIS, KEGG\_UBIQUITIN\_MEDIATED\_PROTEOLYSIS

WP\_PARKINSONS\_DISEASE\_PATHWAY, WP\_PARKINSONS\_DISEASE\_PATHWAY

REACTOME\_PROTEIN\_UBIQUITINATION, REACTOME\_PROTEIN\_UBIQUITINATION

REACTOME DNA DAMAGE RECOGNITION IN GG NER, REACTOME DNA DAMAGE RECOGNITION IN GG NER

KEGG ENDOCYTOSIS, KEGG ENDOCYTOSIS

REACTOME\_FORMATION\_OF\_INCISION\_COMPLEX\_IN\_GG\_NER, REACTOME\_FORMATION\_OF\_INCISION\_COMPLEX\_IN\_GG\_NER

REACTOME\_SENESCENCE\_ASSOCIATED\_SECRETORY\_PHENOTYPE\_SASP, REACTOME\_SENESCENCE\_ASSOCIATED\_SECRETORY\_PHENOTYPE\_SASP

WP\_INSULIN\_SIGNALING, WP\_INSULIN\_SIGNALING

REACTOME\_E3\_UBIQUITIN\_LIGASES\_UBIQUITINATE\_TARGET\_PROTEINS, REACTOME\_E3\_UBIQUITIN\_LIGASES\_UBIQUITINATE\_TARGET\_PROTEINS

WP\_PARKINUBIQUITIN\_PROTEASOMAL\_SYSTEM\_PATHWAY, WP\_PARKINUBIQUITIN\_PROTEASOMAL\_SYSTEM\_PATHWAY

REACTOME\_SYNTHESIS\_OF\_ACTIVE\_UBIQUITIN\_ROLES\_OF\_E1\_AND\_E2\_ENZYMES, REACTOME\_SYNTHESIS\_OF\_ACTIVE\_UBIQUITIN\_ROLES\_OF\_E1\_A

REACTOME\_NEGATIVE\_REGULATORS\_OF\_DDX58\_IFIH1\_SIGNALING, REACTOME\_NEGATIVE\_REGULATORS\_OF\_DDX58\_IFIH1\_SIGNALING

WP\_APOPTOSIS, WP\_APOPTOSIS

KEGG\_RENAL\_CELL\_CARCINOMA, KEGG\_RENAL\_CELL\_CARCINOMA

KEGG\_TGF\_BETA\_SIGNALING\_PATHWAY, KEGG\_TGF\_BETA\_SIGNALING\_PATHWAY

PID\_CASPASE\_PATHWAY, PID\_CASPASE\_PATHWAY

PID\_IFNG\_PATHWAY, PID\_IFNG\_PATHWAY

REACTOME\_INTERFERON\_GAMMA\_SIGNALING, REACTOME\_INTERFERON\_GAMMA\_SIGNALING

KEGG\_JAK\_STAT\_SIGNALING\_PATHWAY, KEGG\_JAK\_STAT\_SIGNALING\_PATHWAY

WP\_ANDROGEN\_RECEPTOR\_SIGNALING\_PATHWAY, WP\_ANDROGEN\_RECEPTOR\_SIGNALING\_PATHWAY

PID\_ERBB1\_INTERNALIZATION\_PATHWAY, PID\_ERBB1\_INTERNALIZATION\_PATHWAY

REACTOME\_PROCESSING\_AND\_ACTIVATION\_OF\_SUMO, REACTOME\_PROCESSING\_AND\_ACTIVATION\_OF\_SUMO

WORSCHECH\_TUMOR\_EVASION\_AND\_TOLEROGENICITY\_DN, WORSCHECH\_TUMOR\_EVASION\_AND\_TOLEROGENICITY\_DN

REACTOME\_TNF\_SIGNALING, REACTOME\_TNF\_SIGNALING

REACTOME\_REGULATION\_OF\_KIT\_SIGNALING, REACTOME\_REGULATION\_OF\_KIT\_SIGNALING

REACTOME\_REGULATION\_OF\_IFNG\_SIGNALING, REACTOME\_REGULATION\_OF\_IFNG\_SIGNALING

AMIT\_EGF\_RESPONSE\_40\_HELA, AMIT\_EGF\_RESPONSE\_40\_HELA

BIOCARTA\_SUMO\_PATHWAY, BIOCARTA\_SUMO\_PATHWAY

REACTOME\_SUMOYLATION\_OF\_TRANSCRIPTION\_COFACTORS, REACTOME\_SUMOYLATION\_OF\_TRANSCRIPTION\_COFACTORS

REACTOME\_SUMO\_IS\_TRANSFERRED\_FROM\_E1\_TO\_E2\_UBE2I\_UBC9, REACTOME\_SUMO\_IS\_TRANSFERRED\_FROM\_E1\_TO\_E2\_UBE2I\_UBC9

REACTOME\_MYD88\_INDEPENDENT\_TLR4\_CASCADE, REACTOME\_MYD88\_INDEPENDENT\_TLR4\_CASCADE

WANG\_RESPONSE\_TO\_ANDROGEN\_UP, WANG\_RESPONSE\_TO\_ANDROGEN\_UP

REACTOME\_REGULATION\_OF\_TNFR1\_SIGNALING, REACTOME\_REGULATION\_OF\_TNFR1\_SIGNALING

BIOCARTA\_MITOCHONDRIA\_PATHWAY, BIOCARTA\_MITOCHONDRIA\_PATHWAY

PID\_HIF1A\_PATHWAY, PID\_HIF1A\_PATHWAY

REACTOME\_CIRCADIAN\_CLOCK, REACTOME\_CIRCADIAN\_CLOCK

DACOSTA\_UV\_RESPONSE\_VIA\_ERCC3\_XPCS\_DN, DACOSTA\_UV\_RESPONSE\_VIA\_ERCC3\_XPCS\_DN

WAESCH\_ANAPHASE\_PROMOTING\_COMPLEX, WAESCH\_ANAPHASE\_PROMOTING\_COMPLEX

PID\_RANBP2\_PATHWAY, PID\_RANBP2\_PATHWAY

PID\_BETA\_CATENIN\_DEG\_PATHWAY, PID\_BETA\_CATENIN\_DEG\_PATHWAY

CHIBA\_RESPONSE\_TO\_TSA\_DN, CHIBA\_RESPONSE\_TO\_TSA\_DN

BIOCARTA\_CTBP1\_PATHWAY, BIOCARTA\_CTBP1\_PATHWAY

REACTOME\_NOTCH1\_INTRACELLULAR\_DOMAIN\_REGULATES\_TRANSCRIPTION, REACTOME\_NOTCH1\_INTRACELLULAR\_DOMAIN\_REGULATES\_TRANSCRIPTION\_REGULAR\_TRANSCRIPTION\_REGULAR\_TRANSCRIPTION\_REGULAR\_TRANSCRIPTION\_REGULAR\_TRANSCRIPTION\_REGULAR\_TRANSCRIPTION\_REGULAR\_TRANSCRIPTION\_REGULAR\_TRANSCRIPTION\_REGULAR\_TRANSCRIPTION\_REGULAR\_TRANSCRIPTION\_REGULAR\_T

GARCIA\_TARGETS\_OF\_FLI1\_AND\_DAX1\_UP, GARCIA\_TARGETS\_OF\_FLI1\_AND\_DAX1\_UP

BIOCARTA\_ERAD\_PATHWAY, BIOCARTA\_ERAD\_PATHWAY