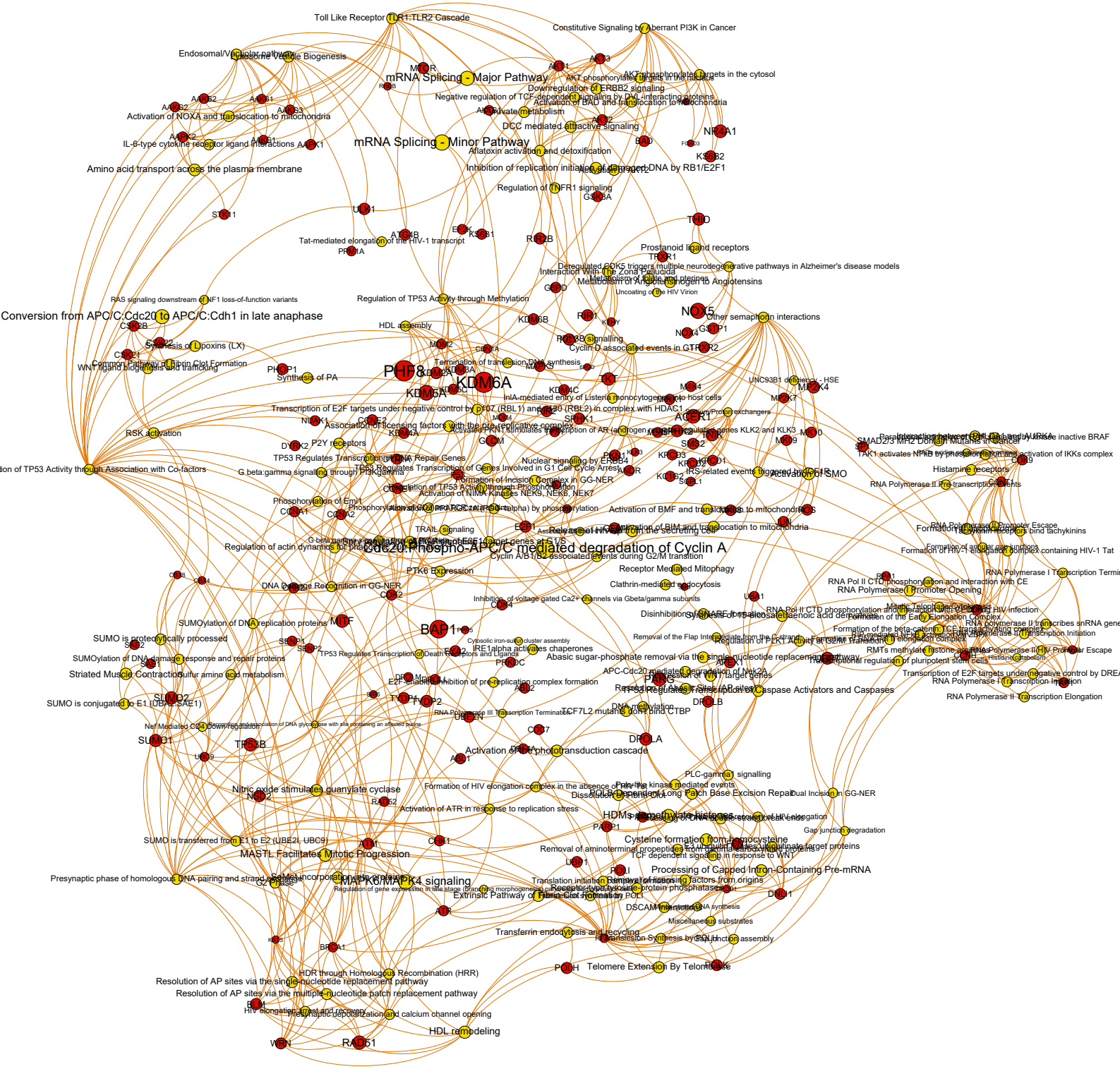
Toll Like Receptor TLR1:TLR2 Cascade
Constitutive Signaling by Aberrant PI3K in Cancer
Endosomal/Vesicular pathway
Exosome Vesicle Biogenesis
mRNA Splicing - Major Pathway
AKT phosphorylates targets in the cytosol
AKT phosphorylates targets in the nucleus
Downregulation of ERBB2 signaling
Negative regulation of TCF-dependent signaling by DVL-interacting proteins
Activation of BAD and translocation to mitochondria
Activation of NOXA and translocation to mitochondria
DCC mediated attractive signaling
mRNA Splicing - Minor Pathway
Aflatoxin activation and detoxification
IL-6-type cytokine receptor ligand interactions
Amino acid transport across the plasma membrane
Inhibition of replication initiation of damaged DNA by RB1/E2F1
Regulation of TNFR1 signaling
Tat-mediated elongation of the HIV-1 transcript
Prostanoid ligand receptors
Deregulated CDK5 triggers multiple neurodegenerative pathways in Alzheimer's disease models
Interaction With Tight Junctions
Metabolism of Angiotensinogen to Angiotensins
Uncoating of the HIV Virion
RAS signaling downstream of NF1 loss-of-function variants
Regulation of TP53 Activity through Methylation
Conversion from APC/C:Cdc20 to APC/C:Cdh1 in late anaphase
HDL assembly
Other semaphorin interactions
Synthesis of Lipoxins (LX)
Common Pathway of Fibrin Clot Formation
WNT ligand biogenesis and trafficking
Synthesis of PA
Cyclin D associated events in G1/S
Termination of translesion DNA synthesis
PHF8
KDM6A
KDM6A
KDM6A
UNC93B1 deficiency - HSE
Transcription of E2F targets under negative control by p107 (RBL1) and p130 (RBL2) in complex with HDAC1
Association of licensing factors with the pre-replicative complex
RSK activation
P2Y receptors
TP53 Regulates Transcription of DNA Repair Genes
G beta:gamma signalling through PI3Kgamma
Nuclear signaling by ERBB4
Formation of Incision Complex in GG-NER
Activation of NIMA Kinases NEK9, NEK6, NEK7
Activation of BMF and translocation to mitochondria
Activation of BIM and translocation to mitochondria
TRAIL signaling
Cdc20:Phospho-APC/C mediated degradation of Cyclin A
Cyclin A/B1/B2 associated events during G2/M transition
Regulation of actin dynamics for phagocytic cup formation
PTK6 Expression
Receptor Mediated Mitophagy
Clathrin-mediated endocytosis
DNA Damage Recognition in GG-NER
Inhibition of voltage gated Ca2+ channels via Gbeta/gamma subunits
Disinhibition of SNARE formation
SUMOylation of DNA replication proteins
MITF
BAP1
SUMO is proteolytically processed
Cytosolic iron-sulfur cluster assembly
Removal of the Flap Intermediate from the C-strand
Abasic sugar-phosphate removal via the single-nucleotide replacement pathway
SUMOylation of DNA damage response and repair proteins
Striated Muscle Contraction
Sulfur amino acid metabolism
APC-Cdc20 mediated degradation of Nek2A
Inhibition of pre-replication complex formation
Activation of Caspase Activators and Caspases
SUMO is conjugated to E1 (UBA7:SAE1)
DNA methylation
TCF7L2 mutants don't bind CTBP
Activation of the phototransduction cascade
SUMO1
TP53B
Nitric oxide stimulates guanylate cyclase
PLC-gamma1 signalling
Formation of HIV elongation complex in the absence of HIV Tat
Dissolution of Double Holliday Junction
Long Patch Base Excision Repair
Dual Incision in GG-NER
Activation of ATR in response to replication stress
HDMs demethylate histones
Gap junction degradation
SUMO is transferred from E1 to E2 (UBE2I, UBC9)
Cysteine formation from homocysteine
MASTL Facilitates Mitotic Progression
Removal of aminoterminal propeptides from gamma-carboxylated proteins
TCF dependent signaling in response to WNT
Presynaptic phase of homologous DNA pairing and strand exchange
Processing of Capped Intron-Containing Pre-mRNA
Regulation of gene expression in late stage (branching morphogenesis) pancreatic progenitor cells
Extrinsic Pathway of Fibrin Clot Formation
Miscellaneous substrates
Transferrin endocytosis and recycling
Translesion Synthesis by POLH
Telomere Extension By Telomerase
HDR through Homologous Recombination (HRR)
Resolution of AP sites via the single-nucleotide replacement pathway
Resolution of AP sites via the multiple-nucleotide patch replacement pathway
HIV elongation arrest and recovery
Presynaptic depolarization and calcium channel opening
HDL remodeling
WRN
RAD51