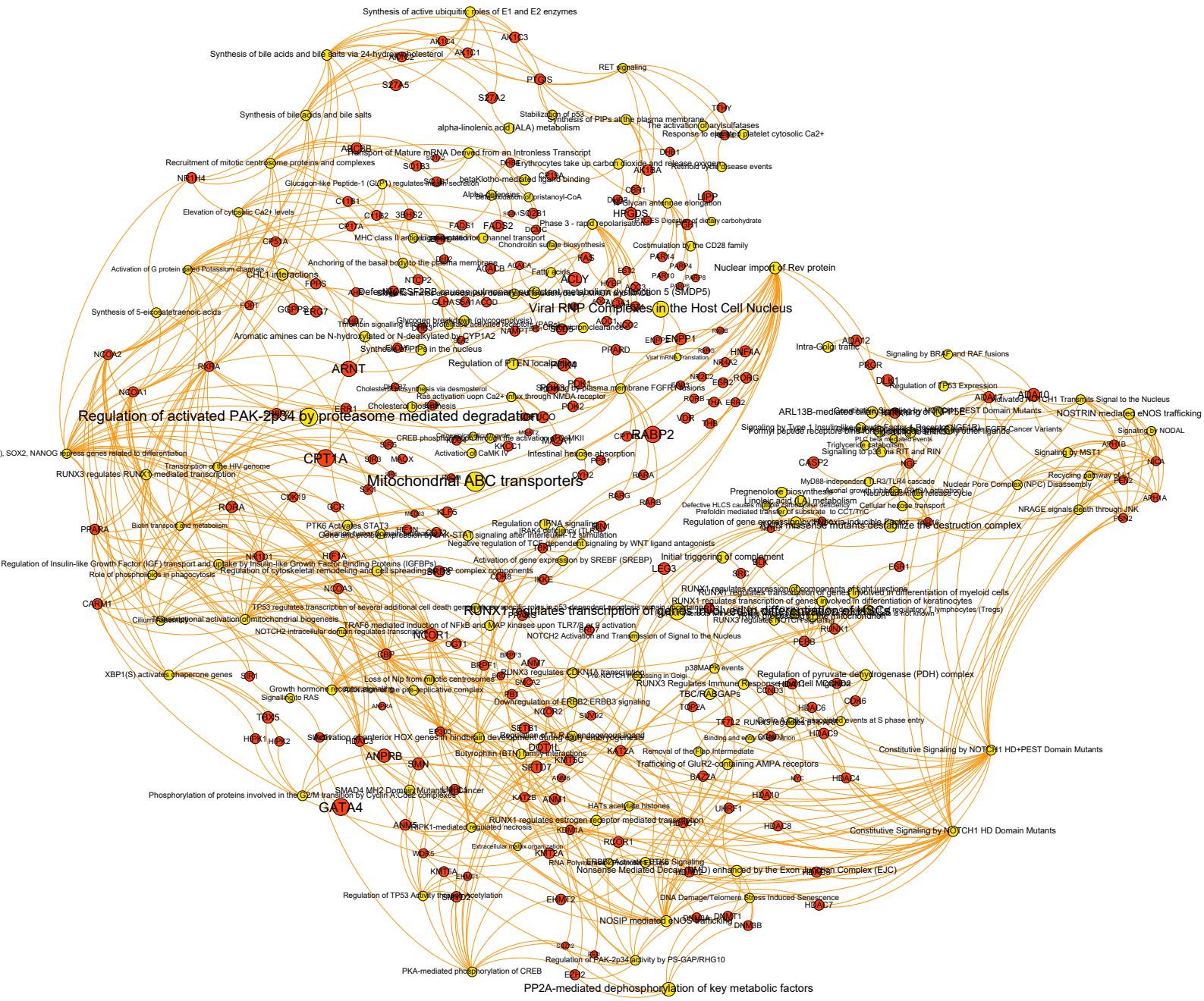
Synthesis of active ubiquitin: roles of E1 and E2 enzymes
Synthesis of bile acids and bile salts via 24-hydroxycholesterol
Synthesis of bile acids and bile salts
alpha-linolenic acid (ALA) metabolism
Transport of Mature mRNA Derived from an Intronless Transcript
Recruitment of mitotic centrosome proteins and complexes
Glucagon-like Peptide-1 (GLP-1) regulates insulin secretion
Elevation of cytosolic Ca2+ levels
Activation of G protein gated Potassium channels
Anchoring of the basal body to the plasma membrane
CHL1 interactions
Synthesis of 5-eicosatetraenoic acids
Aromatic amines can be N-hydroxylated or N-dealkylated by CYP1A2
Synthesis of PIPs in the nucleus
Regulation of PTEN localization
Nuclear import of Rev protein
Viral RNP Complexes in the Host Cell Nucleus
Intra-Golgi traffic
Signaling by BRAF and RAF fusions
Regulation of TP53 Expression
Regulation of activated PAK-2p34 by proteasome mediated degradation
Cholesterol biosynthesis
Cholesterol biosynthesis via desmosterol
Ras activation upon Ca2+ influx through NMDA receptor
Signaling by NODAL
Signaling by MST1
Signalling to p38 via RIT and RIN
Intestinal hexose absorption
Activation of CaMK IV
Mitochondrial ABC transporters
Transcription of the HIV genome
RUNX3 regulates RUNX1-mediated transcription
Nuclear Pore Complex (NPC) Disassembly
Recycling pathway of L1
Pregnenolone biosynthesis
Linoleic acid (LA) metabolism
Defective HLCS causes multiple carboxylase deficiency
Prefoldin mediated transfer of substrate to CCT/TriC
Cellular hexose transport
Regulation of gene expression by Hypoxia-inducible Factor
Mutations in missense mutants destabilize the destruction complex
NRAGE signals death through JNK
Biotin transport and metabolism
PTK6 Activates STAT3
Gene and protein expression by JAK-STAT signaling after Interleukin-12 stimulation
Negative regulation of TCF-dependent signaling by WNT ligand antagonists
Regulation of Insulin-like Growth Factor (IGF) transport and uptake by Insulin-like Growth Factor Binding Proteins (IGFBPs)
Role of phosphoinositides in phagocytosis
Regulation of cytoskeletal remodeling and cell spreading by IPS complex components
Activation of gene expression by SREBF (SREBP)
Initial triggering of complement
RUNX1 regulates transcription of genes involved in differentiation of myeloid cells
RUNX1 regulates transcription of genes involved in differentiation of keratinocytes
RUNX1 regulates transcription of genes involved in differentiation of HSCs
TP53 regulates transcription of several additional cell death genes whose specific roles in p53-dependent apoptosis remain to be determined
Ciliumassembly
Transcriptional activation of mitochondrial biogenesis
TRAF6 mediated induction of NFkB and MAP kinases upon TLR7/8 or 9 activation
NOTCH2 intracellular domain regulates transcription
NOTCH2 Activation and Transmission of Signal to the Nucleus
XBP1(S) activates chaperone genes
Loss of Nip7 from mitotic centrosomes
Growth hormone receptor signaling
Signalling to RAS
Regulation of pyruvate dehydrogenase (PDH) complex
Down regulation of ERBB2:ERBB3 signaling
Activation of anterior HOX genes in hindbrain development during early embryogenesis
Constitutive Signaling by NOTCH1 HD+PEST Domain Mutants
Trafficking of GluR2-containing AMPA receptors
Phosphorylation of proteins involved in the G2/M transition by Cyclin A:Cdc2 complexes
HATs acetylate histones
RUNX1 regulates estrogen receptor mediated transcription
Constitutive Signaling by NOTCH1 HD Domain Mutants
Nonsense Mediated Decay (NMD) enhanced by the Exon Junction Complex (EJC)
Regulation of TP53 Activity through Acetylation
DNA Damage/Telomere Stress Induced Senescence
NOSIP mediated eNOS trafficking
Regulation of PAK-2p34 activity by PS-GAP/RHG10
PKA-mediated phosphorylation of CREB
PP2A-mediated dephosphorylation of key metabolic factors