



**4way**

Vesicle-mediated transport  
 Membrane Trafficking  
 Metabolism of lipids  
 Signal Transduction  
 Metabolism  
 Signaling by Interleukins  
 Immune System  
 Cytokine Signaling in Immune system  
 Platelet activation, signaling and aggregation  
 Signaling by Receptor Tyrosine Kinases  
 Innate Immune System  
 Neutrophil degranulation  
 Cell Cycle, Mitotic  
 Cell Cycle  
 Cell Cycle Checkpoints  
 Interferon Signaling  
 RNA Polymerase II Transcription  
 Gene expression (Transcription)  
 Generic Transcription Pathway  
 Metabolism of RNA  
 Signaling by ROBO receptors  
 Regulation of expression of SLITs and ROBOs  
 Cellular response to starvation  
 Translation  
 rRNA modification in the nucleus and cytosol  
 Influenza Infection  
 Major pathway of rRNA processing in the nucleolus and cytosol  
 rRNA processing in the nucleus and cytosol  
 rRNA processing  
 Influenza Viral RNA Transcription and Replication  
 SRP-dependent cotranslational protein targeting to membrane  
 Ribosomal scanning and start codon recognition  
 Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S  
 Translation initiation complex formation  
 Peptide chain elongation  
 Eukaryotic Translation Elongation  
 Viral mRNA Translation  
 Selenocysteine synthesis  
 Formation of a pool of free 40S subunits  
 Eukaryotic Translation Termination  
 Formation of the ternary complex, and subsequently, the 43S complex  
 Nonsense-Mediated Decay (NMD)  
 Nonsense Mediated Decay (NMD) enhanced by the Exon Junction Complex (EJC)  
 Eukaryotic Translation Initiation  
 Cap-dependent Translation Initiation  
 Nonsense Mediated Decay (NMD) independent of the Exon Junction Complex (EJC)  
 Selenoamino acid metabolism  
 Response of EIF2AK4 (GCN2) to amino acid deficiency  
 GTP hydrolysis and joining of the 60S ribosomal subunit  
 L13a-mediated translational silencing of Ceruloplasmin expression

s.t0\_crp\_RNA  
 s.t0\_crp\_meth  
 s.pod\_crp\_RNA  
 s.pod\_crp\_meth