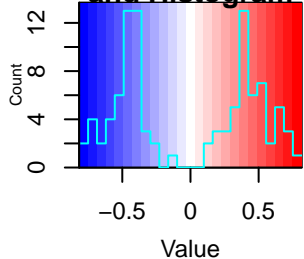
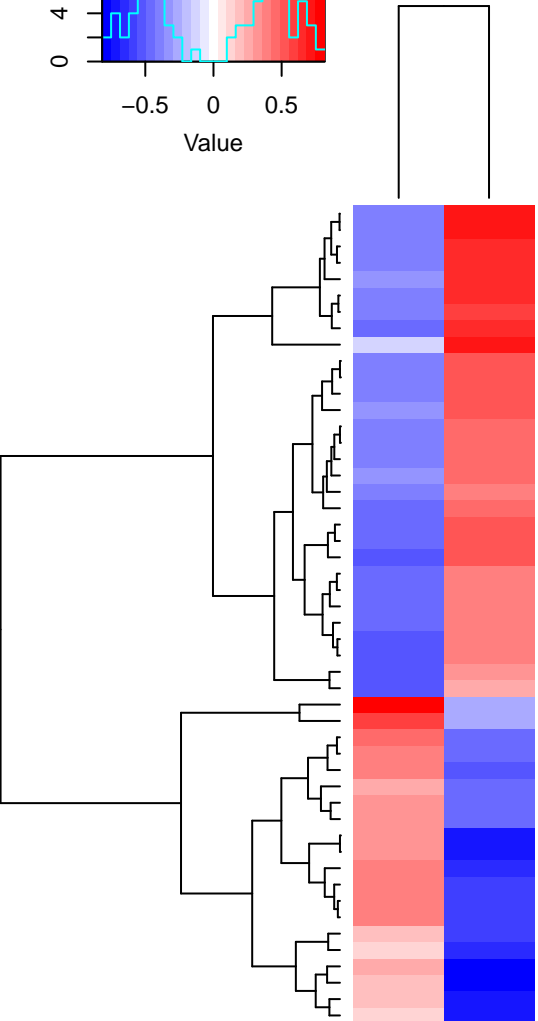


Color Key and Histogram



ked Reactomes



- Viral mRNA Translation
- Peptide chain elongation
- Eukaryotic Translation Termination
- Eukaryotic Translation Elongation
- Selenocysteine synthesis
- Response of EIF2AK4 (GCN2) to amino acid deficiency
- Nonsense Mediated Decay (NMD) independent of the Exon Junction Complex (EJC)
- Formation of a pool of free 40S subunits
- Complex I biogenesis
- Eukaryotic Translation Initiation
- Cap-dependent Translation Initiation
- SRP-dependent cotranslational protein targeting to membrane
- Selenoamino acid metabolism
- Nonsense-Mediated Decay (NMD)
- Nonsense Mediated Decay (NMD) enhanced by the Exon Junction Complex (EJC)
- rRNA processing
- Regulation of expression of SLITs and ROBOs
- Influenza Viral RNA Transcription and Replication
- Mitochondrial iron-sulfur cluster biogenesis
- GTP hydrolysis and joining of the 60S ribosomal subunit
- L13a-mediated translational silencing of Ceruloplasmin expression
- Formation of the ternary complex, and subsequently, the 43S complex
- Major pathway of rRNA processing in the nucleolus and cytosol
- rRNA processing in the nucleus and cytosol
- ATF4 activates genes in response to endoplasmic reticulum stress
- 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
- SLBP independent Processing of Histone Pre-mRNAs
- SLBP Dependent Processing of Replication-Dependent Histone Pre-mRNAs
- Mucopolysaccharidoses
- Biotin transport and metabolism
- HS-GAG degradation
- The activation of arylsulfatases
- Reduction of cytosolic Ca⁺⁺ levels
- Diseases associated with glycosaminoglycan metabolism
- Chondroitin sulfate biosynthesis
- A tetrasaccharide linker sequence is required for GAG synthesis
- Defective EXT2 causes exostoses 2
- Defective EXT1 causes exostoses 1, TRPS2 and CHDS
- Defective B4GALT7 causes EDS, progeroid type
- Other semaphorin interactions
- Defective B3GALT6 causes EDSP2 and SEMDJL1
- Defective B3GAT3 causes JDSSDHD
- CREB1 phosphorylation through the activation of Adenylate Cyclase
- PKA activation
- Laminin interactions
- Syndecan interactions
- Non-integrin membrane-ECM interactions
- MET activates PTK2 signaling

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