

10

Relative abundance (%)

5

15

20

- RNA processing and modification Chromatin structure and dynamics –
 - Cell motility
- Intracellular trafficking, secretion, and vesicular transport
- Cell cycle control, cell division, chromosome partitioning
 - Defense mechanisms
 - Nucleotide transport and metabolism
- Secondary metabolites biosynthesis, transport and catabolism
 - Lipid transport and metabolism
 - Cell wall/membrane/envelope biogenesis-
 - Coenzyme transport and metabolism
 - Posttranslational modification, protein turnover, chaperones-
 - Signal transduction mechanisms
 - Inorganic ion transport and metabolism-
 - Transcription -
 - Carbohydrate transport and metabolism-
 - Translation, ribosomal structure and biogenesis-
 - Replication, recombination and repair-Function unknown-
 - Energy production and conversion-Amino acid transport and metabolism-