

| Reactome pathways | No. of genes | Term <i>P</i> .Value |
|---|--------------|----------------------|
| Metabolism of RNA | 74 | 7.20E-54 |
| Processing of Capped Intron-Containing Pre-mRNA | 40 | 2.53E-34 |
| mRNA Splicing | 36 | 4.40E-33 |
| mRNA Splicing - Major Pathway | 33 | 1.27E-29 |
| Translation | 31 | 1.08E-20 |
| mRNA Splicing - Minor Pathway | 16 | 9.56E-19 |
| Mitochondrial translation | 18 | 5.41E-17 |
| Mitochondrial translation termination | 16 | 7.59E-15 |
| Mitochondrial translation elongation | 16 | 7.59E-15 |
| Mitochondrial translation initiation | 16 | 7.59E-15 |
| RNA Polymerase II Transcription Termination | 13 | 1.38E-12 |
| Deadenylation-dependent mRNA decay | 12 | 2.36E-12 |
| RNA polymerase II transcribes snRNA genes | 12 | 9.65E-11 |
| mRNA 3'-end processing | 11 | 1.02E-10 |
| rRNA modification in the nucleus and cytosol | 10 | 4.67E-09 |