**Table S4 - Summary of the top 20 upregulated and downregulated GO terms**

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| --- | --- | --- | --- | --- |
| **Category** | **Term** | **Direction** | **FDR** | **Counts** |
| Protein localisation | Protein targeting to ER | Up | 7.99 x 10-24 | 33 |
| Establishment of protein localization to endoplasmic reticulum | Up | 9.18 x 10-24 | 33 |
| SRP-dependent cotranslational protein targeting to membrane | Up | 9.18 x 10-24 | 31 |
| Cotranslational protein targeting to membrane | Up | 3.39 x 10-23 | 31 |
| Protein localization to endoplasmic reticulum | Up | 4.23 x 10-22 | 34 |
| Protein targeting to membrane | Up | 1.24 x 10-17 | 34 |
| Protein targeting | Up | 2.07 x 10-16 | 46 |
| Establishment of protein localization to membrane | Up | 2.71 x 10-12 | 36 |
| RNA catabolic processes | RNA catabolic process | Up | 3.31 x 10-15 | 43 |
| mRNA catabolic process | Up | 1.75 x 10-14 | 40 |
| Nuclear-transcribed mRNA catabolic process | Up | 1.20 x 10-20 | 37 |
| Nuclear-transcribed mRNA catabolic process, nonsense-mediated decay | Up | 4.23 x 10-22 | 31 |
| RNA metabolic processes | ncRNA metabolic process | Up | 6.43 x 10-12 | 42 |
| rRNA metabolic process | Up | 9.14 x 10-12 | 29 |
| ribonucleoprotein complex biogenesis | Ribonucleoprotein complex biogenesis | Up | 1.18 x 10-19 | 52 |
| Ribosome biogenesis | Up | 3.34 x 10-19 | 42 |
| rRNA processing | Up | 3.29 x 10-12 | 29 |
| Gene expression | Translational initiation | Up | 6.98 x 10-19 | 34 |
| Viral gene expression | Viral gene expression | Up | 1.95 x 10-20 | 36 |
| Viral transcription | Up | 9.74 x 10-21 | 35 |
| Innate immune system | Neutrophil mediated immunity | Down | 2.98 x 10-22 | 60 |
| Neutrophil activation | Down | 9.33 x 10-22 | 59 |
| Neutrophil degranulation | Down | 9.33 x 10-22 | 58 |
| Neutrophil activation involved in immune response | Down | 9.62 x 10-22 | 58 |
| Cellular component organisation | Endomembrane system organization | Down | 3.49 x 10-5 | 33 |
| Cell-substrate junction assembly | Down | 3.07 x 10-4 | 13 |
| Cell-substrate junction organization | Down | 4.67 x 10-4 | 13 |
| Regulation of cell-substrate junction assembly | Down | 7.35 x 10-4 | 10 |
| Regulation of cell-substrate junction organization | Down | 1.12 x 10-3 | 10 |
| Cellular Transport | Lysosomal transport | Down | 2.01 x 10-4 | 14 |
| Vacuolar transport | Down | 3.07 x 10-4 | 16 |
| Cellular metabolic process | Regulation of protein serine/threonine kinase activity | Down | 1.20 x 10-4 | 32 |
| Negative regulation of protein kinase activity | Down | 1.12 x 10-3 | 19 |
| Negative regulation of kinase activity | Down | 1.15 x 10-3 | 20 |
| Response to stimuli | Response to lipopolysaccharide | Down | 3.60 x 10-4 | 24 |
| Response to molecule of bacterial origin | Down | 7.35 x 10-4 | 24 |
| Cell adhesion | Regulation of focal adhesion assembly | Down | 7.35 x 10-4 | 10 |
| Cell-substrate adhesion | Down | 1.12 x 10-3 | 24 |
| Focal adhesion assembly | Down | 1.12 x 10-3 | 11 |
| Homeostasis | Temperature homeostasis | Down | 8.11 x 10-4 | 16 |