| ONTOLOGY | ID | Description | GeneRatio | BgRatio | pvalue | p.adjust | qvalue |
| --- | --- | --- | --- | --- | --- | --- | --- |
| BP | GO:0140014 | mitotic nuclear division | 12/71 | 264/18670 | 3.04e-10 | 5.85e-07 | 4.64e-07 |
| BP | GO:0000280 | nuclear division | 13/71 | 407/18670 | 3.83e-09 | 3.69e-06 | 2.93e-06 |
| BP | GO:0048285 | organelle fission | 13/71 | 449/18670 | 1.24e-08 | 7.94e-06 | 6.30e-06 |
| BP | GO:0007059 | chromosome segregation | 10/71 | 321/18670 | 3.58e-07 | 1.72e-04 | 1.37e-04 |
| BP | GO:0051383 | kinetochore organization | 4/71 | 21/18670 | 1.09e-06 | 4.21e-04 | 3.34e-04 |
| CC | GO:0000777 | condensed chromosome kinetochore | 7/74 | 105/19717 | 1.33e-07 | 1.30e-05 | 1.07e-05 |
| CC | GO:0000793 | condensed chromosome | 9/74 | 223/19717 | 1.51e-07 | 1.30e-05 | 1.07e-05 |
| CC | GO:0000778 | condensed nuclear chromosome kinetochore | 4/74 | 15/19717 | 2.42e-07 | 1.30e-05 | 1.07e-05 |
| CC | GO:0000779 | condensed chromosome, centromeric region | 7/74 | 118/19717 | 2.97e-07 | 1.30e-05 | 1.07e-05 |
| CC | GO:0000776 | kinetochore | 7/74 | 135/19717 | 7.41e-07 | 2.59e-05 | 2.14e-05 |
| KEGG | hsa04914 | Progesterone-mediated oocyte maturation | 6/34 | 100/8076 | 3.15e-06 | 3.49e-04 | 3.28e-04 |
| KEGG | hsa04110 | Cell cycle | 5/34 | 124/8076 | 1.53e-04 | 0.007 | 0.006 |
| KEGG | hsa04114 | Oocyte meiosis | 5/34 | 129/8076 | 1.85e-04 | 0.007 | 0.006 |
| KEGG | hsa04115 | p53 signaling pathway | 3/34 | 73/8076 | 0.003 | 0.088 | 0.082 |
| KEGG | hsa04218 | Cellular senescence | 4/34 | 156/8076 | 0.004 | 0.088 | 0.082 |

Supplementary Table 2: GO/KEGG enrichment analysis list of DEGs between the TNBC and Non-TNBC