Supplementary table 2. GO terms of differentially expressed genes in HCC

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Category | Term | Count | % | *P*-Value | FDR | Fold enrichment |
| GOTERM\_BP | GO:0007067~mitotic nuclear division | 17 | 10.69  | 7.45E-10 | 1.19E-06 | 7.62  |
| GO:0007062~sister chromatid cohesion | 12 | 7.55  | 1.97E-09 | 3.16E-06 | 12.96  |
| GO:0051301~cell division | 19 | 11.95  | 2.34E-09 | 3.75E-06 | 6.04  |
| GO:0019373~epoxygenase P450 pathway | 5 | 3.14  | 1.70E-05 | 0.0272 | 30.89  |
| GO:0007094~mitotic spindle assembly checkpoint | 5 | 3.14  | 2.65E-05 | 0.0424 | 27.80  |
| GOTERM\_CC | GO:0000777~condensed chromosome kinetochore  | 12 | 7.55  | 1.33E-10 | 1.66E-07 | 16.65  |
| GO:0030496~midbody | 11 | 6.92  | 1.12E-07 | 1.40E-04 | 10.29  |
| GO:0000776~kinetochore | 9 | 5.66  | 3.38E-07 | 4.21E-04 | 13.41  |
| GO:0005576~extracellular region | 33 | 20.75  | 2.15E-06 | 0.00268 | 2.47  |
| GO:0000775~chromosome, centromeric region | 7 | 4.40  | 7.22E-06 | 0.00900  | 14.82  |
| GOTERM\_MF | GO:0016705~oxidoreductase activity | 7 | 4.40  | 9.16E-06 | 0.0128 | 14.20  |
| GO:0020037~heme binding | 9 | 5.66  | 2.40E-05 | 0.0331 | 7.60  |
| GO:0019825~oxygen binding | 6 | 3.77  | 5.01E-05 | 0.0692 | 14.76  |
| GO:0005506~iron ion binding | 9 | 5.66  | 5.29E-05 | 0.0732 | 6.80  |
| GO:0004497~monooxygenase activity | 6 | 3.77  | 1.39E-04 | 0.192 | 11.96  |