

| termID | termName | SetSize | DAVID DIRECT | DAVID ALL | GSEA | g:profiler | Metacore |
|------------|---|---------|-----------------|--------------|------|------------|----------|
| GO:0022402 | cell cycle process | 1422 | | 1 | 1 | 1 | 3 |
| GO:0000278 | mitotic cell cycle | 1053 | | 2 | 3 | 4 | 2 |
| GO:1903047 | mitotic cell cycle process* | 880 | | 3 | | 2 | 4 |
| GO:0007049 | cell cycle | 1881 | 50 | 4 | 2 | 3 | 1 |
| GO:0006259 | DNA metabolic process | 943 | 43 | 5 | 5 | 5 | 6 |
| GO:0051276 | chromosome organization | 1253 | | 6 | 4 | 6 | 5 |
| GO:0006260 | DNA replication | 273 | 1 | 7 | 7 | 7 | 8 |
| GO:0044770 | cell cycle phase transition | 647 | | 8 | 6 | 8 | 11 |
| GO:0044772 | mitotic cell cycle phase transition* | 432 | | 9 | | 9 | 14 |
| GO:0006974 | cellular response to DNA damage stimulus | 865 | 17 | 12 | 8 | 10 | 7 |
| GO:0006281 | DNA repair | 563 | 7 | 15 | 9 | 11 | 16 |
| GO:0090304 | nucleic acid metabolic process* | 2955 | | 17 | | 24 | 10 |
| GO:0007067 | mitotic nuclear division* | 217 | 6 | 18 | | | 45 |
| GO:0051301 | cell division | 603 | 3 | 19 | 12 | 17 | 32 |
| GO:0006139 | nucleobase-containing compound metabolic process* | 3616 | | 20 | | 20 | 9 |
| GO:0051726 | regulation of cell cycle | 1226 | | 23 | 10 | 16 | 17 |
| GO:0000722 | telomere maintenance via recombination | 13 | 4 | 30 | | 327 | 372 |
| GO:0007062 | sister chromatid cohesion | 63 | 5 | 35 | 73 | 84 | 113 |
| GO:0006297 | nucleotide-excision repair, DNA gap filling | 23 | 9 | 61 | 61 | 68 | 111 |
| GO:0006270 | DNA replication initiation | 39 | 8 | 66 | 57 | 73 | 96 |
| GO:1901796 | regulation of signal transduction by p53 class mediator | 180 | 10 | 71 | 71 | 104 | 102 |
| GO:0000082 | G1/S transition of mitotic cell cycle* | 221 | 2 | | | 30 | 47 |