**Table S4.**

|  |  |  |
| --- | --- | --- |
| Rank | Name | Score |
| 1 | TP53 | 0.24919 |
| 1 | PARP1 | 0.24919 |
| 1 | HDAC2 | 0.24919 |
| 1 | SUMO1 | 0.24919 |
| 1 | APAF1 | 0.24919 |
| 1 | TOP2A | 0.24919 |
| 1 | CDKN1A | 0.24919 |
| 1 | CASP9 | 0.24919 |
| 1 | CDK1 | 0.24919 |
| 1 | MAPK8 | 0.24919 |
| 1 | HDAC1 | 0.24919 |
| 1 | MAPT | 0.24919 |
| 1 | POLR2A | 0.24919 |
| 1 | FGF1 | 0.24919 |
| 1 | CASP3 | 0.24919 |
| 1 | RAD51 | 0.24919 |
| 1 | EGFR | 0.24919 |
| 1 | BIRC5 | 0.24919 |
| 1 | MDM2 | 0.24919 |
| 1 | MAPK1 | 0.24919 |