**Supplementary Tables 2.** Top ten hub proteins of TLK2’s interacting proteins obtained by five algorithms of the cytoHubba plugin in Cytoscape software

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Catelogy** | **MCC** | **DMNC** | **EPC** | **Betweenness** | **Stress** |
| Top 10 hub proteins | **MCM2** | NCAPH | TLK1 | TLK1 | TLK1 |
| **MCM7** | MCM3 | ORC4 | ASF1A | ASF1A |
| ASF1B | ASF1B | ASF1A | ORC4 | ORC4 |
| ASF1A | **MCM7** | **MCM7** | RBM39 | RBM39 |
| ORC4 | **MCM2** | ASF1B | **GINS1** | **MCM7** |
| MCM3 | RAD9A | **MCM2** | PSMF1 | **MCM2** |
| NCAPH | EPB41L4A | TOP1 | TOP1 | TOP1 |
| **GINS1** | CEP76 | NCAPH | **MCM7** | PSMF1 |
| TLK1 | SMPD2 | MCM3 | **MCM2** | ASF1B |
| TOP1 | **GINS1** | **GINS1** | AMN1 | **GINS1** |

Abbreviations: MCC: Maximal cilque centrality; DMNC: density of maximum neighbourhood component; EPC: Edge percolated component.