**Supplementary Files**



**Supplementary Figure 1**. ECM-receptor interaction pathway in response to 25 and 50 µM TQ treatment for 48 hours in A172 glioblastoma cells. DEGs from experimental dataset are highlighted in red.



**Supplementary Figure 2.** Focal adhesion pathway in response to 25 and 50 µM TQ treatment for 48 hours in A172 glioblastoma cells. DEGs from experimental dataset are highlighted in red.



**Supplementary Figure 3.** Calcium signaling pathway in response to 25 and 50 µM TQ treatment for 48 hours in A172 glioblastoma cells. DEGs from experimental dataset are highlighted in red.



**Supplementary Figure 4.** PI3K-AKT signaling pathway in response to 50 µM TQ treatment for 48 hours in A172 glioblastoma cells. DEGs from experimental dataset are highlighted in red.



**Supplementary Figure 5**. P53 signaling pathway in response to 25 and 50 µM TQ treatment for 48 hours in A172 glioblastoma cells. DEGs from experimental dataset are highlighted in red.

**Supplementary Table 1.** Target genes and their respective primer sequences for qRT-PCR.

|  |  |  |
| --- | --- | --- |
| **Target Gene Symbol** | **Primer Sequence (5' to 3')** | **References** |
| 18S rRNA | Forward- AGAAACGGCTACCACATCCAReverse-CACCAGACTTGCCCTCCA | Harvard Primer Bank |
| WNT7B | Forward- CACAGAAACTTTCGCAAGTGGReverse- GTACTGGCACTCGTTGATGC | Harvard Primer Bank |
| CHAC1 | Forward- GAACCCTGGTTACCTGGGCReverse- CGCAGCAAGTATTCAAGGTTAT | Harvard Primer Bank |
| DUSP5 | Forward- TGTCGTCCTCACCTCGCTAReverse- GGGCTCTCTCACTCTCAATCTTC | Harvard Primer Bank |
| CD300A | Forward- CCCGAGAGGTCTTTTTCCGAGReverse- CCAGCCCATGATGGTTCTGAT | Harvard Primer Bank |