**Supplementary Files**

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**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.

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**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.

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**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.

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**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.

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**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- AGAAACGGCTACCACATCCA  Reverse-CACCAGACTTGCCCTCCA | Harvard Primer Bank |
| WNT7B | Forward- CACAGAAACTTTCGCAAGTGG  Reverse- GTACTGGCACTCGTTGATGC | Harvard Primer Bank |
| CHAC1 | Forward- GAACCCTGGTTACCTGGGC  Reverse- CGCAGCAAGTATTCAAGGTTAT | Harvard Primer Bank |
| DUSP5 | Forward- TGTCGTCCTCACCTCGCTA  Reverse- GGGCTCTCTCACTCTCAATCTTC | Harvard Primer Bank |
| CD300A | Forward- CCCGAGAGGTCTTTTTCCGAG  Reverse- CCAGCCCATGATGGTTCTGAT | Harvard Primer Bank |