

Table 5. Validation of microarray data by quantitative PCR (Q-PCR) using tumor RNA of placebo and 6- and 24-h imatinib treated mice for Igtp (IFN γ -induced GTPase), Slit2 (Slit-like 2), Ccnd2 (cyclin D2), Eifa (eukaryotic translation initiation factor 1A), Abcb1a (P-glycoprotein), Abcg2 (breast cancer resistance protein) and Abcc5 (MRP5).

| | Treatment | Array FC | Array SD | Q-PCR FC | Q-PCR SD |
|--------|-----------|-------------|-------------|-------------|-------------|
| Igtp | 6h | -2.9 | 0.14 | -2.3 | 0.3 |
| | 24h | -4.1 | 0.25 | -3 | 0.27 |
| Slit-2 | 6h | -2.3 | 0.1 | -2.4 | 0.2 |
| | 24h | -1.8 | 0.2 | -2.1 | 0.4 |
| Ccnd2 | 24h | -2.4 | 0.1 | -2 | 0.3 |
| Eifa | 24h | -1.8 | 0.35 | -1.5 | 0.35 |
| Abcb1a | 6h | 3.9 | 0.11 | 2.3 | 2.1 |
| | 24h | 4.6 | 0.34 | 3 | 2.5 |
| Abcg2 | 6h | 1.4 | 0.23 | 1.5 | 0.9 |
| | 24h | 1.7 | 0.31 | 1.8 | 1.16 |
| Abcc5 | 6h | 1.2 | 0.26 | 1.8 | 1.57 |
| | 24h | 1.4 | 0.24 | 1.9 | 0.93 |

Array, data from microarray; Q-PCR, data acquired by real time PCR; FC, fold change between placebo and 6- or 24-h imatinib treatment; negative values, down-regulation; positive values, up-regulation; SD, standard deviation.