**S7 Table. Gene transcription levels (log2FC) of selected genes measured by RNA-seq and qRT-PCR in *D. magna* following 21-d exposure to 2 mg/L of BTR, 5MeBTR and 5ClBTR.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Transcript ID | Gene name | Gene symbol |  | BTR | 5MeBTR | 5ClBTR |
| TR315|c0\_g1\_i2 | endochitinase-like  | *cht* | RNA-seq | **5.24a** | **-2.62** |  |
|  |  |  | qRT-PCR | 0.46 | -0.20 |  |
| TR10295|c0\_g1\_i1 | Cuticular protein 27 | *cp27* | RNA-seq | **5.65** |  |  |
|  |  |  | qRT-PCR | 0.96 |  |  |
| TR1915|c0\_g1\_i1 | cuticle protein | *cp* | RNA-seq | **7.04** |  |  |
|  |  |  | qRT-PCR | 0.25 |  |  |
| TR21858|c0\_g1\_i6 | chitinase 3  | *cht3* | RNA-seq | **7.08** | **-3.33** |  |
|  |  |  | qRT-PCR | 0.25 | -0.20 |  |
| TR1754|c0\_g1\_i1 | Kr-h2 (Krueppel homolog) | *kr-h2* | RNA-seq |  |  | **-7.36** |
|  |  |  | qRT-PCR |  |  | **-1.01** |
| TR21790|c0\_g1\_i1 | Apolipoprotein D | *apod* | RNA-seq | **-8.44** |  |  |
|  |  |  | qRT-PCR | **-5.20** |  |  |
| TR6948|c0\_g2\_i1 | T-complex protein 1 subunit delta | *cct4* | RNA-seq |  | **-9.56** |  |
|  |  |  | qRT-PCR |  | -0.38 |  |

a Gene transcription values are given as log2 (fold change). Significant differential transcription values are indicated in bold (*p*<0.05)