

**Supplementary data SD2:** (A) Nucleotidic sequences of primers for amplification by RT-qPCR of housekeeping (EF1- $\alpha$  and 18s RNA) or target genes used for RNAseq validation. (B) Correlation between log2fold change ratio from RNAseq analysis and  $2^{-DDCt}$  of target genes.

A

Gene ID	Primers sequences
EF1- $\alpha$	Forward 5'-TTTCGAGGGTGACAACATGA Reverse 5'-CCGTTCCAATACCAACAATC
18 S	Forward 5'-CGGATAACCGTAGTAATTCTAG Reverse 5'-GTA CTCA TTCCAATTACCAGAC
BnaA03g43750D	Forward 5'-CCAGAAGGTGTTATGGCTATG Reverse 5'-TGGAGAAGCTGCACCATTTCCA
BnaA10g25800D	Forward 5'-CTAATGGACGCATGGTTCTCAC Reverse 5'-GAGATCAAACACATGTGGCTCC
BnaA02g35870D	Forward 5'-TTCATAGCGGCTGGTCCTAAAC Reverse 5'-CACTAGCTCTCACGAACACAAC
BnaA02g35870D	Forward 5'-TTCATAGCGGCTGGTCCTAAAC Reverse 5'-TTCATAGCGGCTGGTCCTAAAC
BnaC02g44160D	Forward 5'-GGTGTGAAGAGAGTGAAGAGC Reverse 5'-CACTAGCTCTCACGAACACAAC
BnaC02g44160D	Forward 5'-GGTGTGAAGAGAGTGAAGAGC Reverse 5'-ACGTTGTCGTCAGTGAAGAGTG
BnaC03g56990D	Forward 5'-GTGATATCGGGAATGACAGGAG Reverse 5'-ATTGAGGATGAGTTGTGGCACG
BnSultr1.1	Forward 5'-AGATATTGCGATCGGACCAG Reverse 5'-GAAAACGCCAGCAAAGAAAG

B

