

## Appendix A. The corresponding primers of qRT-PCR

| Gene                     | Primer sequences (Left) | Primer sequences (Right) |
|--------------------------|-------------------------|--------------------------|
| <i>BjDFR1</i>            | AAGAGACCGTGTGCGTAACC    | GGCGTCATCGTAGCTTCCTT     |
| <i>BjDFR2</i>            | ACGACTGGAGCGATCTTGAC    | TGGACCGATCACCAATGTCG     |
| <i>BjTT8</i>             | TGGATACTACAACGGCGCAA    | GGCATCCCAGAAGGAGGTTC     |
| <i>BjTT19.1</i>          | AAGGTGGTGTGATGTGTGGTGTG | GGCGTCACATTCTTCGCCTA     |
| <i>BjTT19.2</i>          | CCGACGTGGAGACCCATTAC    | TCCAAGACCACCCCTAGCTT     |
| <i>BjTT19.3</i>          | ATTTGACACACATGCCAGCG    | ATGAGCGTTCCGGTTATGGG     |
| <i>BjTT19.4</i>          | TTCAACGTTCTGGTCCACCC    | CGGCATGTGCGTCAAATCAG     |
| <i>BjGL3</i>             | CCAGCTAATCCTCGGACCAC    | AGTTTCTCCCGCCGTTTCTT     |
| <i>BjEGL3.1</i>          | CTCTCTCCCTAGCGGAATCT    | GCGAGAAGAGAGCGAGTGAA     |
| <i>BjEGL3.2</i>          | GTGGTGCGTCTCAGGTACA     | CTCTCCCGGTTGTTCTCCA      |
| <i>BjMYB113</i>          | AGGTGGTGGGAAAGTTTGCT    | CTCCATCCAACAGGCTCCAA     |
| <i>Actin of B. napus</i> | TCCATCCATCGTCCACAG      | GCATCATCACAAGCATCCTT     |