**Supplementary Table 1.** *Brassica napus* primers used for reverse-transcription (RT)-qPCR.

| Gene name | Primer sequences (5’ → 3’) | Annealing temperature (°C) | Product size (bp) | Amplification efficiency (%)<sup>a</sup> |
|-----------|----------------------------|-----------------------------|-------------------|------------------------------------------|
| *EIF4A1*  | CATGCTTGTGGTTGGTGGAAC CATCAGCTTCGTCAAGGACA | 55                          | 160               | 97.15                                    |
| *CYP710A1*| TTTAGCGAGACCAGGAGGA TCACCCCTCTCGAAATCACCAC | 55                          | 154               | 97.63                                    |
| *BBE4*    | ATGCCTCAGGTCAAAATGG GTTCAGGCAAGCTCTGTTTC | 55                          | 121               | 97.63                                    |
| *ABCG40*  | CCGCTGCTAAGTTCTTTTGG GCGATGTGGTTAGGAGT    | 55                          | 106               | 109.67                                   |
| *RBCSF1*  | GGAAGCACACCCCGGATACTA ACTCCGTTTGCATTCTTGG | 55                          | 115               | 104.44                                   |

<sup>a</sup>Amplification efficiency = \([10^{(-1/m)}] - 1\)