

Table S1 The primer sequences designed for the rapeseed genes used in RT-qPCR.

Rapeseed gene	Forward prime	Reverse prime
<i>Actin7</i>	CGCGCCTAGCAGCATGAA	GTTGGAAAGTGCTGAGAGATGCA
<i>FAD2</i>	CCAGCTCAAGAAACATGG	TACTTCCAGGAGAAGTAAGG
<i>FAD3</i>	CCTTGGTACAGAGGCAAG	ACCAAGTGATAGTGAGGG
<i>FAD6</i>	GCAGACAGCTATGGATTCAA	TCATCAATCTCAAACACCTCT
<i>FAD7</i>	ATCCAGACAGCGACTTGTT	GGCAAAGGTCCAGACTTATC
<i>TT8</i>	ACTTCTCATGTCAACAACCCAC	ATCCATTGCGACGACGAAG
<i>TT1</i>	CTACAACAATCTTCAGATGC	CAACGCAGCAGTAACAAGGG
<i>TT2</i>	GTAAACAGAGGAGCTTGG	GCCTGGTCTCAAGTAGTTC
<i>TT12</i>	GTCATGCTATGTTTGGAGAT	GCATATCCCAGTTCAAGTAATACA
<i>TT16</i>	TGCTCACATCGGTCTCATC	GAGCTCAAGCTTACATGTCTC
<i>TTG1</i>	TCCACCATCATCTACGAGAG	CGCAATGCCAATCCAAT
<i>LODX</i>	GAAGTACGCAAACGATCAAG	GAAGGTCAAAGCGCTTACAT
<i>BAN</i>	TTAACCGATGAAGGGAGTTT	GGTTTGATCATGTCTTTCTC
<i>FLS</i>	CTCAAGATTACAGGGAAGTGA	AATAGCCTCACGACGTAAAC
<i>DFR</i>	GAAGATGACAGGATGGATGT	GATCACCAATGTCGGGATAA
<i>CHI</i>	GAAATCGTCACAGGTTTCGT	TCAGAGTCTGTGTAAATCCC
<i>CHS</i>	AAGCGCATGTGCGATAAG	CCTAGCTTAGGGACTTCAAC
<i>TT10</i>	GCATTTGCTAAAGCACTCTC	ATGGAACCTTCCTTAACCGTG
<i>FUS3</i>	TACTCCCCAAGAAAGCTGCG	TGTTGTTTGGCCAGTACCTGT
<i>LEC2</i>	GGGTCACTTGGGAGGATTG	TGTTATTGGACCAGTACTTGTAT
<i>LEC1</i>	ACAAGAACAAGAGTATCGTGC	AAACCATTTCTCCTCCAAAGGC
<i>ABI3</i>	ATTGACGACCTCGAGACCT	TATTCAAAGCCCTTTCCACG
<i>NF-YC2</i>	TGGTGTGTGTGTGTGTTTAGA	ATTCCACTCTGATAAGCACG
<i>bZIP25</i>	CGTGTGTCTACTGTGGTG	TGTCAAATGAGGGAGCATC
<i>bZIP10</i>	AGAACAAGCTTGAGACTGAG	ACCAAAGAGCCTTGAGTAAG
<i>bZIP67</i>	AAAGAAGGCAAGAGGTGATG	TAATCTACCACCCAGCACTA
<i>L1L</i>	TGAGCTCGTGGCTTTGAA	ATCAAAAAGCTTCCCTGGATT