

Table 1 Suppl. Primers used for *BrPDS* genes cloning.

Gene name	Gene ID	Forward primers (5'-3')	Reverse primers (5'-3')
<i>BrPDS1</i>	Bra032770	GGTTAAGAATTTCTTACTCACTG	TCATGTTGATACAGTTGTCTCCG
<i>BrPDS2</i>	Bra010751	ATGGTTGTGTTTGGGAATGTTTCCG	TTATGTTGATAGAGTCGTCTCCG

Table 2 Suppl. Primers used for real-time qPCR analysis.

Gene name	Forward primers (5'-3')	Reverse primers (5'-3')
<i>BrPDS1</i>	GCCTTCTTAGATGGTAAT	GCGTTCTTAGATGGTAAT
<i>BrPDS2</i>	CTTATCCTTGAATTGAGTC	TCTTCCTTATCCTTGAGT
<i>CP</i>	TCCACCCTCACCACCTTC	GGGACAGACCTCGCTAACT
<i>BrActin</i>	TTGCTATTCAGGCTGTTCT	CACCATCACCAGAGTCAA
<i>BrGAPDH</i>	CAGCGAGCAGTGAAACGGTTGA	TGACAGGAAGCCCAGCACCAA

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SEQ_1  --CC--T----AC--CCTTCACGGTCATGCATCTCTGGGA-TCACTCTGGGTCACTATCCATCCC
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SEQ_0  ACCTTGCAAGCCCCAGCTTTCCCGACCACGGTCGGTGTCTGCTGGGTACCCGCCAATTCT
SEQ_1  ACCTTGCAAGCCCCAGCTTTCCCGACCACGGTCGGTGTCTGCTGGGTACCCGCCAATTCT
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SEQ_0  CCAGTCACTCCCGCCCAAATCACCAAGACCTATGGTGGCCAGATCTTCTGCATTGGCGGC
SEQ_1  CCAGTCACTCCCGCCCAAATCACCAAGACCTACGGTGGCCAGATCTTCTGCATTGGCGGC
          *****

SEQ_0  GCCATCAACACCCTCTCACCTCTCATCGTCAAGTGCCCACTTGAAATGATGAACCCCGG
SEQ_1  GCCATCAACACCCTCTCACCTCTCATCGTCAAGTGCCCACTTGAAATGATGAACCCCGG
          .*****

SEQ_0  GTCAAGGATTGATTAGTACCTTGACTCGCCCAAACCTCCTCATCTCCATCACCGCTCAA
SEQ_1  GTCAAGGATTGATTAGTACCTTGACTCGCCCAAACCTCCTCATCTCCATCACCGCTCAA
          .*****

SEQ_0  CCCACCGCTCCCCCGCATCGACCTGCATAATAACTGTATCAGGAACCTCTCTCGATGCAC
SEQ_1  CCCACCGCTCCCCCGCATCGACCTGCATAATAACTGTATCAGGAACCTCTCTCGATGCAC
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SEQ_0  TCTCCGCTCATCACGGACACT-CTACGTAA-----
SEQ_1  TCTCCGCTCATCACGGACACTTCTACCTAGATGCAGCCCATGATG
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Fig. 1 Suppl. Sequencing results. SEQ_1 represents the coat protein (*CP*) gene and SEQ_0 represents the cDNA fragment of pTY-treated plants.