

# **Melatonin Treatment Maintains the Quality of Fresh-Cut *Gastrodia elata* under Low-Temperature Conditions by Regulating Reactive Oxygen Species Metabolism and Phenylpropanoid Pathway**

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**Supplementary material**

**Table S1** Primer sequences used for real-time PCR.

GENE	PRIMER SEQUENCE
<i>GeSOD</i>	Forward: GAGGGCTTTGTTGAAGTTTGTGATG Reverse: CCTTCCTGATTTGCCATACGACTAC
<i>GeCAT</i>	Forward: CTTGCCTTCTGCCCCGTCAATC Reverse: GCATTTGGAGGGAGCATGAGATAG
<i>GePOD</i>	Forward: GCTGTGATGCCTCAATTATGCTTG Reverse: GCCTCTAGCTGTGTCTTGATTCTG
<i>GePPO</i>	Forward: GCCAACATCGACCGCATCTG Reverse: TCTCTGACTCTGACCCTAACTAGC
<i>GeAPX</i>	Forward: CGTAAGGGCGGAAAACCTGGATC Reverse: GAGCTGCTGAAAGGAGAATCGG
<i>GeGR</i>	Forward: TTGAAGCTAACAGAGTTGAGGTGAC Reverse: ACGGCTCCCAGTTGCAATTAAG
<i>GeMDHAR</i>	Forward: ACCTGCCGTACTTCTACTCTCG Reverse: GACCACCCTCCCATCCTTGAC
<i>GeDHAR</i>	Forward: ACCACTCTGGTTTGTTCGCA Reverse: ACTGAGCAACAACACTCCGT
<i>GePAL</i>	Forward: CCCAGGTCTCGTGCGTCGTTCT Reverse: TTTTACCTCTTGCCCCGTGCGTT
<i>GeC4H</i>	Forward: CAGAGCCAGACACGCACAAGC Reverse: TAGGGAGACGACCACGGAGTG
<i>Ge4CL</i>	Forward: CCTCGGCTGCTGACTGACTG Reverse: GGTTGCGTTGGTCTCGCCTC
<i>GeActin</i>	Forward: GCGACAATGGAACCTGGAATGG Reverse: TCGCCAGAATCCAGCACAAT