

Supplementary Table S1. Primer sequences used in qRT-PCR amplification. All primers were designed using Primer 3.0 software and synthesized by Genewiz Company (China).

Gene ID	Gene name	Forward primer sequence (5'-3')	Reverse primer sequence (5'-3')
-	<i>EF-1a</i>	TCAGGCTGACTGTGCTGTCCT	GTGGTGGCGTCCATCTTGTT
Dendrobium_GLEAN_10138923	<i>DoKO</i>	CTCTAGTCACCAAGTTCTCATC	CCATAGTCGCATGTGGATAC
Dendrobium_GLEAN_10043501	<i>DoGA3ox</i>	TCCGACGAACCTACCAAGGTTACA	AACTCCATACTCAGACAGCCGAAC
Dendrobium_GLEAN_10025219	<i>DoGA2ox</i>	GAAGCTTTCATTGCATGGTC	GTTGTGTCTCTCCTTCATC
Dendrobium_GLEAN_10048964	<i>DoGA20ox</i>	GGAAGCCACCGACAATTTA	GATGCGATGGTTCACTACTT
Dendrobium_GLEAN_10024051	<i>DoSCL3</i>	ATGGTGGTGACTGAACAGGAATCG	GCACAGTTGACTCCAAGCAATCG
Dendrobium_GLEAN_10081660	<i>DoGBF</i>	GAGGTGACTTTGGAGGATTAC	GATTCGTGTATTGCTGCTTTC
Dendrobium_GLEAN_10040978	<i>DoIRK</i>	ATGGCGACTTAGGCTGGACTACA	AGGCAGAGGAGATGGAAGGCTAC
Dendrobium_GLEAN_10062985	<i>DoSGT</i>	CCTCCGCCTCTATGAATCT	CGGCGGAAAGGTGATAATAG
Dendrobium_GLEAN_10070249	<i>DoNCED</i>	GAGATGCCGTTAAGGTACAG	CGCCTCGTATGCGTTTAT
Dendrobium_GLEAN_10012601	<i>DoIPM</i>	ACTTCCTCTCCTACCATAAC	AACACGGGCTCATCATTC
Dendrobium_GLEAN_10075175	<i>DoSAUR71</i>	ACGTGCCAGTCTTTGTAG	CTCTGCTCGTAACCATACTC
PEQU_11738-D2	<i>DoNSP2</i>	GCGTCCACATCGTTGATTA	GAGTCTTCTTCTGTCTCTTTG
Dendrobium_GLEAN_10030409	<i>DoNSP2</i>	CGACCTCCCTTCTTTCATTC	CTCTGAGCCGAACCAATATC
Dendrobium_GLEAN_10016982	<i>DoCDPK 26</i>	TGTGCGTTCGTGAGATCCAGATAATG	CCGCCTTCCTCTCGCTATAATGC
Dendrobium_GLEAN_10048053	<i>DoCML 19</i>	GTCGTTGGAGAATACGAAGAG	TCCGAATCCAAAGACTTAACC
Dendrobium_GLEAN_10042237	<i>DoHAL</i>	CCAACATCTCTCCGGCTAT	TCCACGCATCCATCAAATC
Dendrobium_GLEAN_10113668	<i>DoGGLU</i>	CCTTTCTCCCAAGACGTAAT	CCGGTGAGGAAACCAATAAT
Dendrobium_GLEAN_10033071	<i>DoGLU</i>	GGCTAATGCACAGACCTATC	CTGCTTGTCTGGGAGTAAAC
Dendrobium_GLEAN_10044017	<i>DoPRCP</i>	GAGACCAGTGAGAGTTGTTATC	CTCCACTTCGGATTGTCATAC
Dendrobium_GLEAN_10125587	<i>DoSWEET14</i>	TGGGTTTCCTGTTTGGATTAG	GGCTTGACTGCTATGTTCTT
Dendrobium_GLEAN_10098792	<i>DoCDRI</i>	GAATCCCAGTGCGAGTATAAC	GGAGGCAGTAGGAGAACTTA