**Table S2. The list of qRT-PCR primers of SUS genes in *Dendrobium catenatum*.**

|  |  |  |  |
| --- | --- | --- | --- |
| Gene name | Gene model | Forward Primer | Reverse Primer |
| GAPDH | KP719976 | ACCGTGAGGATTGAGAAGGC | TGGCAATGTGGCGGATAAGA |
| DcSUS1 | Dendrobium\_GLEAN\_10013680 | ACAGGCAGTTGGGTGTTGTT | GCAACGCTCGAACTTGATCC |
| DcSUS2 | Dendrobium\_GLEAN\_10032668 | GTGCAGCCTGCCTTCTATGA | CAATGTGGAAGCCCGAGACT |
| DcSUS3 | Dendrobium\_GLEAN\_10069518 | ACCAGAGGCATATTTCCTGCTT | AGAGTTGTAGCCTGCTGTGG |
| DcSUS4 | Dendrobium\_GLEAN\_10069521 | CGCCTTAGATGACTCGGCTATT | GCACTTCCAAACCAGCACCT |
| DcSUS5 | Dendrobium\_GLEAN\_10069526 | GTGGAGGAATGCATCGGACT | TAGTGGCCAACATTCGGCAT |
| DcSUS6 | Dendrobium\_GLEAN\_10089179 | TCCTTTCCGAACCGAGAACAG | AAGCTCTCCGACCAACTTGT |
| DcSUS7 | Dendrobium\_GLEAN\_10095005 | GCAATGGAACAGTTGCGTGT | TCTGACCTCTTTGCACGGTC |
| DcSUS8 | Dendrobium\_GLEAN\_10105018 | GCTCTACCGCGTAGTTCACG | TGTGAGCCTTTTGCTCTCCT |
| DcSUS9 | Dendrobium\_GLEAN\_10115731 | TCTCCATGGCTAGGCTCGAT | TCATAGAACGCAGGCTGAACA |
| DcSUS10 | Dendrobium\_GLEAN\_10133317 | AGCATTTGGGCTCACAGTCA | TGACTGCATCATTCTTACAAGTCC |
| DcSUS11 | Dendrobium\_GLEAN\_10114912 | ACGGGGTCCTATGGATCAGT | ATGGCTTCAAAGGTTGCCCT |
| DcSUS12 | Dendrobium\_GLEAN\_10075975 | ACATTCGCCATAAACGCTGC | GCCCGTTCATTCCTGTCTGA |
| DcSUS13 | Dendrobium\_GLEAN\_10069519 | AGGAAGCCACACTCACCAAG | TAAACCCCAGCAAGCGTCAT |
| DcSUS14 | Dendrobium\_GLEAN\_10105017 | CAACTCGCCCGAGAGCTATT | TAGAGGGCAGGTCCTGATGT |
| DcSUS15 | Dendrobium\_GLEAN\_10063746 | ATGGCTTCTGCCAAGCATCT | TGCACATCACTGACTGCCAT |