

Table S1. List of primers used for qRT-PCR.

| Gene code | Forward Primer | Reverse Primer | Gene description |
|----------------|----------------------|-----------------------|------------------|
| MELO3C004214.2 | GGCTTCCAACACCTTGAT | GGTTCTCTGGCACTTCTC | <i>Lhca1</i> |
| MELO3C015076.2 | TGCTGCCAGACAGAGATT | GATCACTTCGCCGTATGC | <i>Lhca3</i> |
| MELO3C035770.2 | CTTCCAGCACAGTCTTCC | GCGTGTACCACCTAAGTT | <i>Lhca4</i> |
| MELO3C017180.2 | CGTCAACTCTGTTCGTAATC | CATTGGCTAGTTCCTTCTCT | <i>Lhca4</i> |
| MELO3C012912.2 | GTGAGCCTCCATCTTACC | TTGTGAACCAGCCTTGAA | <i>Lhcb1</i> |
| MELO3C002727.2 | TCGGAGAAGCAGTATGGT | GCAAGATGGTCAGCAAGA | <i>Lhcb1</i> |
| MELO3C007154.2 | TCCACCACCTCCAACAAT | CACCGAACTTCACACCAT | <i>Lhcb1</i> |
| MELO3C032881.2 | GAGCCACCATCCTACCTT | CCATTCTTCAACTCCTTAACC | <i>Lhcb1</i> |
| MELO3C019677.2 | GCCAAGCCGTCAAGTTAT | CAATTCTGTATCCTTCCACTG | <i>Lhcb1</i> |
| MELO3C024206.2 | ACGCCATCTTACCTGACT | ATTGCCAGCCTTCCATTC | <i>Lhcb2</i> |
| MELO3C016556.2 | GTATGGTTCAAGGCAGGAG | CAAGGTGGTCAAGAAGGTT | <i>Lhcb3</i> |
| MELO3C003238.2 | GCAACCTCCTCCTTCATC | GTGAGCCATTCAACAGAGA | <i>Lhcb4</i> |
| MELO3C022113.2 | CTCAGCAAGAAGCCAGAA | GCCACCAACAAGAACAAC | <i>Lhcb5</i> |
| MELO3C029936.2 | ATTCCACTCCAGGCTTGT | CTTGTTCCATTCTGACTTTC | <i>Lhcb6</i> |
| MELO3C008358.2 | CCGTGGAAGTAGCAGAAC | CGAAGGAGAATGGAGCAAT | <i>Lhcb6</i> |
| <i>Actin</i> | TCTATTCCAGCCATCTCTC | GACCCTCCAATCCAAAC | |