

Supplementary Material Table S1. Specific primer sequences of genes used for qRT-PCR.

| Gene names | Accession number | Primer sequences(5'→3') |
|----------------|-------------------|------------------------------------------------------|
| <i>Actin</i> | XM_006464503 | F: CATCCCTCAGCACCTTCC R: CCAACCTTAGCACTTCTCC |
| <i>CsPIP1</i> | Cs_ont_5g048130.1 | F: TGGCATGATCTTTGCGCTTG R: ACCATGTAGAAGACAGCCCTTG |
| <i>CsPIP2</i> | Cs_ont_6g015270.1 | F: TTTTACAGGGCTGGCATTGC R: AAGATCATGCCGCCAAAAGC |
| <i>CsPIP3</i> | Cs_ont_6g020260.1 | F: ATTGGGCGCTGAGATCATTG R: TTGACAATGGTGCCAAGACG |
| <i>CsPIP4</i> | Cs_ont_6g020270.1 | F: TCGCCACGCTCTTGTTTTTG R: AATGCCAACACCACCACATC |
| <i>CsPIP5</i> | Cs_ont_6g020280.1 | F: ATGTGGTGGTGTGTTGGCATTC R: AGAACAGCCCAAATGTCACC |
| <i>CsPIP6</i> | Cs_ont_7g001120.1 | F: TCTTCGTGCTCGTTTACTGC R: AGAAAAGTGCACGTGTCAGC |
| <i>CsPIP7</i> | Cs_ont_7g001130.1 | F: GCCGAGTTCATAGCCACTTTTC R: AAACGAGCGCGAAGATCATG |
| <i>CsPIP8</i> | Cs_ont_7g006190.1 | F: TTGGCCACAATCCCAATCAC R: TGGTAGAAAGCCGCAATTGC |
| <i>CsPIP9</i> | Cs_ont_8g004900.1 | F: TGGGTTTGCTGTGTTTCATGG R: TCATCCCAGGCTTTCTCCTTG |
| <i>CsPIP10</i> | Cs_ont_8g028000.1 | F: TATTGCATGGGCCTTTGGTG R: TTGCCAAGAACAGCCCAAAC |
| <i>CsTIP1</i> | Cs_ont_1g017160.1 | F: TTTGTGCTGTTGCAGTTGG R: AAGATGCCAGTGAGGATGGTG |
| <i>CsTIP2</i> | Cs_ont_4g004270.1 | F: TGGCTCATGCTTTTGTGGTG R: GTGATGTGGCCACCGAAAAG |
| <i>CsTIP3</i> | Cs_ont_5g016210.1 | F: TGTGCGCGCAGAATTTAC R: AATGCCAGTGGAACCCAAC |
| <i>CsTIP4</i> | Cs_ont_5g027860.1 | F: ATGCACACACCAACAACAG R: AAAGCTGCTTCTGCTTCTGC |
| <i>CsTIP5</i> | Cs_ont_5g042380.1 | F: TCGCCACGCTTCTTTTGTG R: GCAACACCAACAAACAGTGC |
| <i>CsTIP6</i> | Cs_ont_6g022100.1 | F: TTTGTCTTTGCCGGTGAAGG R: AGCAACGAAAAGGGCGAAAG |
| <i>CsTIP7</i> | Cs_ont_7g004240.1 | F: TTGGAAACATCGGCATTTCG R: TTTGGATCCACTGCTGTTGC |
| <i>CsTIP8</i> | Cs_ont_8g003390.1 | F: ATGCATTTGCCCTCTTCGTG R: AATGTAATGTGGCCGCCAAC |
| <i>CsTIP9</i> | Cs_ont_9g023550.1 | F: TTGGCAATTGGGATGATGGC R: TTGAACTTCCGGCAACCAC |
| <i>CsSOS1</i> | Cs_ont_2g014530.1 | F: ACAAGGCAAGGCAACAGAAG R: AACGCCTTTGAACGTCAACC |

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|---------------|-------------------|-----------------------------------------------------|
| <i>CsSOS2</i> | Cs_ont_4g006040.1 | F: TTTGGCAAGCCGAACAAAGG R: TGACAATGAGCAACCGCATC |
| <i>CsSOS3</i> | Cs_ont_5g031770.1 | F: TGACCCAGAAGAGTGGAAGAG R: AAAGCTGGGAAATGCCAAGG |
