Supplemental Table1: Primers used in this paper.

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| Primer name | Primers sequence (5'-3') |
| PhyA-RT-F | AGTTCTCTCCTGTTGGGGGT |
| PhyA-RT-R | CCCTGGTGCTTGATCCTAAGT |
| PhyB-RT-F | ATGGAACAGACACAATGCTT |
| PhyB-RT-R | AGCATACACCATATCAGCTT |
| PhyC-RT-F | ACAGCAACTGCGCCTATCTT |
| PhyC-RT-R | ATCCAGTGAGTTCTGCAGCC |
| miR156d-RT-F | GCATGGAGATGCTGCCAGTA |
| miR156d-RT-R | GATCCGGTTAATCCTGTTGATGA |
| miR156h-RT-F | AGCTGCTGCCTAGCTCCAGTA |
| miR156h-RT-R | TTCTCGGATCCGGTGAGAGA |
| miR172d-RT-F | GCAGCACCATCAAGATTCACA |
| miR172d-RT-R | CACATATAGTCAGCCAACCTCGAT |
| SE5-RT-F | TCCTATCTGGAAGAGCTGGC |
| SE5-RT-R | GGACACTGGGCAGAGGTCAT |
|  RFT1-RT-F | CACCGGCTAGCTTAACCTTCCTGAACATC |
|  RFT1-RT-R | GCCGGCCATGTCAAATTAATAACC |
|  Hd3a-RT-F | CACCTGCTGCATGCTCACTATCATC |
|  Hd3a-RT-R | CATGAGAGACCTTAGCCTTGC |
| Ehd1-RT-F | TGCAAATGGCGCTTTTGAT |
| Ehd1-RT-R |

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|  ATATGTGCTGCCAAATGTTGCT |

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| Hd1-RT-F | TCAGCAACAGCATATCTTTCTCATCA |
| Hd1-RT-R | TCTGGAATTTGGCATATCTATCACC |
| Ghd7-RT-F | ATATTGTGGGAGCACGTT |
| Ghd7-RT-R | ATCTGAACCATTGTCCAAGC |
| Hd5-RT-F | GCTGCCTACTGATGCTGCTG  |
| Hd5-RT-R | CTATCCCTCTTGGGGCTCTG |
| SNB-RT-F | ATGGAAGGGAAGCTGTTAC |
| SNB-RT-R | AATGTGGATGCTGGGACATC |
| OsIDS1-RT-F | CTGGCCTCCAGTTAACTTGT |
| OsIDS1-RT-R | GGCGCCGGCAGAGAATCCT |
| LchP2-RT-F | GAAGAAGATCAAGAACGGCC |
| LchP2-RT-R | TTGCCGGGGACGAAGTTGGT |
| OsCHLH-RT-F | GCACGGGAACTTGGCGTTTCATTA |
| OsCHLH-RT-R | ACATGTCCTGGAGCTGCTTCTCAT |
| OsCAO1-RT-F | TTGGCTCAGTTAATGAGGGCAGAATCC |
| OsCAO1-RT-R |

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|  GGATGCGCACGTTGAGCATCTTTGTGG |

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| OsDVR-RT-F | AGCCCAGGTTCATCAAGGT |
| OsDVR-RT-R | TGATCACCCTCTCGAAGAACT |
| OsHEMA-RT-F | GATGCAATCACTGCTGGAAAGCGT |
| OsHEMA-RT-R | CCATCTTGCCAGCACCAATCAACA |
| OsPORA-RT-F | ATGGCTCTCCAAGTTCAG |
| OsPORA-RT-R | TGGCTCACGCTAAGGAAC |
| OsPORB-RT-F | CCGCAAGGAGGGAGCGGTG |
| OsPORB-RT-R | CCCTCTTGGTGCTAAGGCCG |
| OsYGL1-RT-F | CCAGCCACTGATGAAAGCAGCAAT |
| OsYGL1-RT-R | AGAGCGCTAATACACTCGCGAACA |
| SPL3-RT-F | AACCAACGCGAAGGTCCTT |
| SPL3-RT-R | CCGGAAGCGACAGCAGAA |
| SPL13-RT-F | GCCGTTCCAGATCAGATAAACC |
| SPL13-RT-R | GCACGAACACACACACTCACACT |
| SPL14-RT-F | TAGCCATCATGCCCACTTC |
| SPL14-RT-R | AGACCAATCCATCGTGTTG |
| Ubiquitin F | AACCAGCTGAGGCCCAAGA |
| Ubiquitin R | ACGATTGATTTAACCAGTCCATGA |