

6. Electronic supplementary information

Table S1 Summary of primers used in this study

| Assay | Gene | Primer sequence |
|---------|---------------------|----------------------|
| qRT-PCR | <i>LoFP-F:</i> | TCGCCTACATCGCTAACC |
| | <i>LoFP-R:</i> | TTCCAATAATCGCAAGACC |
| | <i>LoPCNA-F:</i> | GTGGACAAGCCAGAAGAAGC |
| | <i>LoPCNA-R:</i> | ACTCCACAACCACTGGAAGC |
| | <i>LoCYCB2-1-F:</i> | CAGGCTGTGTAAGCCCTGAT |
| | <i>LoCYCB2-1-R:</i> | CCAACTGGAGCTTCTTCCTG |
| | <i>LoKRP3-F:</i> | CCAACTCGACCACTGCTACA |
| | <i>LoKRP3-R:</i> | ACTCGTAACGTCCAGGGAGA |
| | <i>LoTCP4-F:</i> | ACACCGCCATCCAGTTCTAC |
| | <i>LoTCP4-R:</i> | CCAGAATCTCCCATGCTGTC |
| | <i>LoAMY-F:</i> | CTCCCGACATCGATCATCTT |
| | <i>LoAMY-R:</i> | ATCTTATTGCGGTTGGCATC |
| | <i>LoAGPase-F:</i> | CATTGGAGGTGCCTACAGGT |
| | <i>LoAGPase-R:</i> | TGAAACTGCCTCACTGCATC |

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| | <i>LoTPP-F:</i> | CCCTGTGAGAGAGTCGCTTC |
| | <i>LoTPP-R:</i> | CCCGTCTATATCGGAGACGA |
| | <i>LoRAV-F:</i> | TACCAAAACAGCACGCTGAG |
| | <i>LoRAV-R:</i> | AAACGGCTCCAACCCTTAGT |
| | <i>LoBPM3-F:</i> | TTTGCGCATCTTATCTGTGC |
| | <i>LoBPM3-R:</i> | AACCAACGACCATCTTCAGG |
| Cloning | <i>LoRAV-full-F:</i> | CATGGAGTCTAGTTGTATTGACGAA |
| | <i>LoRAV-full-R:</i> | CTACAAATCCCTAGTGCATTGTTGC |
| | <i>LoBPM3-full-F:</i> | GGTGACGAAATGGAACAACC |
| | <i>LoBPM3-full-R:</i> | CTGAGCCTGAGCCTGAGATT |
| Subcellular localization | <i>LoRAV-GFP-F:</i> | GAGGGGGATTACATATGATGGAGTCTAGTTGTATTGACGA |
| | <i>LoRAV-GFP-R:</i> | TGCTCACCATGGATCCCAAATCCCTAGTGCATTGTTGCT |
| | <i>LoBPM3-GFP-F:</i> | GAGGGGGATTACATATGATGGAACAACCCATCGTCGACG |
| | <i>LoBPM3-GFP-R:</i> | TGCTCACCATGGATCCCATCCTCTTCCGCACACGC |
| Yeast Two-Hybrid | <i>LoRAV-Y2HB-F:</i> | AGGAGGACCTGCATATGATGGAGTCTAGTTGTATTGACGA |
| | <i>LoRAV-Y2HB-R:</i> | GCAGGTGACGGATCCCTACAAATCCCTAGTGCATTGT |
| | <i>LoBPM3-Y2HB-F:</i> | AGGAGGACCTGCATATGGGTGACGAAATGGAACAACC |
| | <i>LoBPM3-Y2HB-R:</i> | GCAGGTGACGGATCCTGAGCCTGAGCCTGAGATT |
| | <i>LoBPM3-Y2HA-F:</i> | CAGATTACGCTCATATGGGTGACGAAATGGAACAACC |
| | <i>LoBPM3-Y2HA-R:</i> | CGAGCTCGATGGATCCTGAGCCTGAGCCTGAGATT |
| Transient Expression | <i>LoRAV-OE-F:</i> | GAGGGGGATTACATATGATGGAGTCTAGTTGTATTGACGA |
| | <i>LoRAV-OE-R:</i> | TGTTGATTCAGGATCCCTACAAATCCCTAGTGCATTGT |
| | <i>LoBPM3-OE-F:</i> | GAGGGGGATTACATATGGGTGACGAAATGGAACAACC |
| | <i>LoBPM3-OE-R:</i> | TGTTGATTCAGGATCCTGAGCCTGAGCCTGAGATT |