|  |  |  |
| --- | --- | --- |
| Gene name | Primer sequence (5’-3’) |  |
| *GsbZIP67* | Forward: GGCTTAAUATGCAGGCCAGGGAG | For pCAMBIA330035Su |
|  | Reverse: GGTTTAAUTCAACCAAGCAGGTCCA |
| *GsbZIP67* | Forward: TTACTCCCTCCAGACCCTTGT  Reverse: AGGTTGAGTTGCTGCTGATGC | For qRT-PCR |
| *GsbZIP67* | Forward:GGAATTCCATATGCAGGCCAGGGAGATC  Reverse: CGGAATTCTCAACCAAGCAGGTCCAAAGAGTC | For pGBKT7 constructs |
| *GsbZIP67* | Forward: GAAGATCTGCAGGCCAGGGAGATCAC  Reverse: GGACTAGTACCAAGCAGGTCCAAAGAGTCTG | For pBSK-RFP |
| *Bar* | Forward: TGCACCATCGTCAACCACTACATCG  Reverse: CCAGCTGCCAGAAACCCACGTCATG |  |
| *GsGAPDH* | Forward: GACTGGTATGGCATTCCGTGT  Reverse: GCCCTCTGATTCCTCCTTGA | For qRT-PCR |
| *MtGAPDH* | Forward: GTGGTGCCAAGAAGGTTGTTAT  Reverse: CTGGGAATGATGTTGAAGGAAG | For qRT-PCR |
| *MtH+-ATPase* | Forward: GGCAGCCCTCTACCTACAAGTC  Reverse: AGCAATCATAAAAGCACCCAAT | For qRT-PCR |
| *MtNAPD-ME* | Forward: TAGGTGGAGTTCGTCCTTCAGC  Reverse: AGGTCATAGTATTCCTTCCCAGTTG | For qRT-PCR |
| *MtKIN1* | Forward: AACAAGAATGCCTTCCAAGC  Reverse: CGCATCCGATACACTCTTTCC | For qRT-PCR |
| *MtRD29A* | Forward: ATGATGACGAGCTAGAACCTGAA  Reverse: GTAATCGGAAGACACGACAGG | For qRT-PCR |

**Table S1** Primers used in this study