

Table S1 Primer sequences used in this study

| Name                      | Sequence (5'→3')                   | Description  |
|---------------------------|------------------------------------|--|
| bZIP60-F                  | CCATATATATACACGCACAGG              | gene clone   |
| bZIP60-R                  | CTCAGCTCAACATGATAAAGAGC            |  |
| PagbZIP60<br>-121-F       | CTAGCCCGGGATGGAATTTCTAGAAGGAGATG   | construction of the<br><i>PagbZIP60</i><br>overexpression vector |
| PagbZIP60<br>-121-R       | CTAGACTAGTCAAAAACCAAATTTAGAGAAGGA  |  |
| PagbZIP60<br>-BD-F        | CTAGCATATGCATGGAATTTCTAGAAGGAGAT   | Transcriptional<br>activation activity                           |
| PagbZIP60<br>-BD-R        | CTAGCTGCAGCAAAAACCAAATTTAGAGAAGGA  |  |
| RNAi-PagbZIP<br>60-Cis-F  | CTAGTCTAGAGGAGATGATGTGCTAGAGCAAATC | suppressed expression<br>vector construction                     |
| RNAi-PagbZIP<br>60-Cis-R  | CTAGCCCGGGGGACCTCGCCACCAGACTCGTGAG |  |
| RNAi-PagbZIP<br>60-Anti-F | CTAGACTAGTGGACCTCGCCACCAGACTCGTGAG |  |
| RNAi-PagbZIP<br>60-Anti-R | CTAGGAGCTCGGAGATGATGTGCTAGAGCAAATC |  |
| ACTIN-F                   | ACCCTCCAATCCAGACACTG               | RT-qPCR  |
| ACTIN-R                   | TTGCTGACCGTATGAGCAAG               |  |
| UBQ-F                     | CGTGGAGGAATGCAGATTTT               |  |
| UBQ-R                     | GATCTTGGCCTTCACGTTGT               |  |
| PagbZIP60-q-F             | GGAGATGATGTGCTAGAGCAAATC           |  |
| PagbZIP60-q-R             | GGACCTCGCCACCAGACTCGTGAG           |  |
| TT7-F                     | CTTTACCTCCAACACAACCC               |  |
| TT7-R                     | GCTAGCAGGATAAGGGATAC               |  |
| PMEI-F                    | CCCTCTGCTACTCTTCACCTT              |  |
| PMEI-R                    | GATTGAGAAAAGCCGGTGTC               |  |
| MLP-F                     | CTTTATCAATCCCTCCAGCC               |  |
| MLP-R                     | CTCTCAATAACCCCTGGCAC               |  |

|                       |   |                                   |
|-----------------------|---|-----------------------------------|
| SAUR-F                | GGCAAAGACTTCCAAGTTGAC                             |                                   |
| SAUR-R                | CGTTGTCAGCAGCAGCAATGG                             |                                   |
| UGT73B-F              | GGGTAGTTTGGGTACCAATTG                             |                                   |
| UGT73B-R              | GTTGAGAGGAGTGGTGATGATG                            |                                   |
| bZIP61-F              | GGCATTATGGAGACATCACC                              |                                   |
| bZIP61-R              | GGAATGCAATGGAGTCACTC                              |                                   |
| PagbZIP60-AD<br>-F    | CCGGGTGGGCATCGATACATGGAATTTCTAGAAG<br>GA          | Yeast One-Hybrid<br>assay         |
| PagbZIP60-AD<br>-R    | ATCTGCAGCTCGAGCTCGTTACAAAACCAAATTT<br>AG          |                                   |
| UPRE-pHIS2-F          | AATTCTGACGTGGTGACGTGGTGACGTGGGAGCT                |                                   |
| UPRE-pHIS2-R          | CCCACGTCACCACGTCACCACGTCAG                        |                                   |
| ABRE-pHIS2-F          | AATTCACGTGACGTGACGTGGAGCT                         |                                   |
| ABRE-pHIS2-<br>R      | CCACGTCACGTCACGTG                                 |                                   |
| PagbZIP60-62-<br>SK-F | GCTCTAGAACTAGTATGGAATTTCTAGAAGGA                  | Dual-luciferase<br>reporter assay |
| PagbZIP60-62-<br>SK-R | TTCCTGCAGCCCGGGTTACAAAACCAAATTTAG                 |                                   |
| UPRE-LUC-F            | CTGACGTGGTGACGTGGTGACGTGGTGACGTGGT<br>GACGTGGA    |                                   |
| UPRE-LUC-R            | CTAGTCCACGTCACCACGTCACCACGTCACCACG<br>TCACCACGTCA |                                   |
| ABRE-LUC-F            | CACGTGACGTGACGTGACGTGACGTGA                       |                                   |
| ABRE-LUC-R            | CTAGTCACGTCACGTCACGTCACGTCACGTGAGC<br>T           |                                   |