**TABLE S1** Mung bean primer information.

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| **Gene ID** | **Primer sequence** |
| *VrCRY1* | 5’−GGGAGGGTTTCTAGGTGGTG−3’ |
| 5’−ACGGACGGTAATGCCTTGTG−3’ |
| *VrCRY2* | 5’−CTCTTGCTCACCTGGATCGG−3’ |
| 5’−GCACAGAGATGCCTTGTTCC−3’ |
| *VrPHYB* | 5’−CGGATGGGCTCACTCTTCTC−3’ |
| 5’−GCGTCACAGGGAGTTCAAGA−3’ |
| *VrPIF4* | 5’−CGTTCCAGAAGAAACCGTGC−3’ |
| 5’−AGCCCCCATGCACATTACC−3’ |
| *VrEIN3* | 5’−ACCCAGTCCTTTGTTCCACC−3’ |
| 5’−TGTCGAAGGCAGGGATTCTC−3’ |
| *VrGA2ox* | 5’−CTGTCTCGCAGATGGCACTT−3’ |
| 5’−CACTCAAAGCTGGTCCTCCAA−3’ |
| *VrGA3ox1* | 5’−CACGGACTCCACCCTTTTGA−3’ |
| 5’−CATAGATAAGCAACCGAAAGCCT−3’ |
| *VrGA20ox1* | 5’−AACCTGACCTGACTTTGGGC−3’ |
| 5’−ACTGCCCTATGCAAGCAACT−3’ |
| *VrROT3* | 5’−TCCTCCGATCCCCACAACT−3’ |
| 5’−CTTCACCAGGACCAACGCTC−3’ |
| *VrBZR1* | 5’−ACATTGCGACAACAACGAGG−3’ |
| 5’−TCGGAAATGACGACGAGAGG−3’ |