Table S5 Primers used in this study

|  |  |  |  |
| --- | --- | --- | --- |
| Primer name  | Primer sequences(5’-3’)  | Tm (℃) | Fragment length（bp） |
| Speciﬁc primer sequences for PCR amplification of the target genes |
| *PlFT* | F: GAACTGCTCGCCCTGTGTTAGCTAG | 57.35 | 592 |
| R: CTTGTGCATAGTTTCAATCCCTTTA |
|  |  |  |  |
| Primers for obtaining the target gene of linearized vector (including enzyme cutting site) containing |
| *pCAMBIA1301-PlFT* | F:gttaggatttctagaggtaccATGCCTAGAAATAGGGATCCACTAGT | 68.45 | 564 |
| R:cgatcggggaaattcgagctcTTATCTTCTTCCGCCTGATCCC |
|  |  |  |  |
| Speciﬁc primer sequences for qRT-PCR |  |
| *PlFT* | F: CAAGCGACCCAAACCTAA |  52.6 | 195 |
| R: AATTCTGACGCCAACCTG |
| *Actin* | F: TCTCCCGCTATGTATGTCGC | 57.4 | 172 |
| R: TAAGGTCACGTCCAGCAAGG |