Supplemental Table S5. Primer sequences used in this study.

<table>
<thead>
<tr>
<th>Primer name</th>
<th>Primer sequence (5’-3’)</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>TaCPK34-CDS</td>
<td>F:CCCCTGCATTCTTGACCT</td>
<td>Amplifying ORF fragment of TaCPK34</td>
</tr>
<tr>
<td></td>
<td>R:ATCGCTTGGCTTCTGTT</td>
<td></td>
</tr>
<tr>
<td>qPCR</td>
<td>F:GCCAAGGACCTCGTTGAAAGA</td>
<td>qPCR of TaCPK34</td>
</tr>
<tr>
<td></td>
<td>R:TCTTGAAACATCTCCTGAGCCC</td>
<td></td>
</tr>
<tr>
<td>TaActin</td>
<td>F:AAACGAAGGATAGCATGAGGAAGC</td>
<td>qPCR of TaActin</td>
</tr>
<tr>
<td></td>
<td>R:AGCGGTCGAACAAACTGGTA</td>
<td></td>
</tr>
<tr>
<td>TaCPK34-VIGS</td>
<td>F:CCTTAATTAACGCACCATCGAGATCA</td>
<td>Construction of VIGS</td>
</tr>
<tr>
<td></td>
<td>R:TATGCGGCCGCCCCGTTTCGCTTCAGG</td>
<td>vector</td>
</tr>
</tbody>
</table>

Notes: *TaCPK34-CDS*, primers are used to amplify the coding sequence of the *TaCPK34* gene; qPCR, primer are used to measure the transcripts of the *TaCPK34* gene by using qPCR method; *TaCPK34-VIGS*, primers are used to amplify one fragment (219 bp) of the *TaCPK34* gene for construction of BSMV-VIGS-TaCPK34 vector.