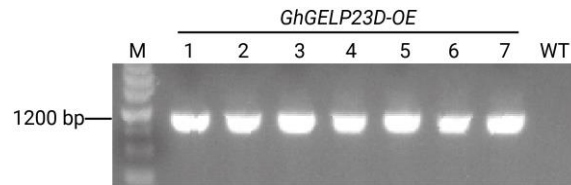


M: 2000 bp DNA Marker; 1 和 2 为 *GhGELP23D*

M: 2000 bp DNA Marker; 1 and 2: *GhGELP23D* gene

附图 1 *GhGELP23D* 的克隆电泳结果

Supplemental Fig. 1 Electrophoresis results of *GhGELP23D* gene cloning



M: 3000 bp DNA Marker; 1—7: 转基因拟南芥, WT: 野生型拟南芥

M: 3000 bp DNA Marker; 1-7: Transgenic *Arabidopsis thaliana*; WT: Wild-type *Arabidopsis thaliana*

附图 2 转基因拟南芥的鉴定

Supplemental Fig. 2 Identification of transgenic *Arabidopsis*

附表 1 引物序列

Supplemental Table 1 The sequences of primers

引物名称	引物序列
Primer name	Primer sequence (5'-3')
<i>GhGELP23D-F</i>	ATGGATGGTTATTGTAGCAGAAGGGT
<i>GhGELP23D-R</i>	TCAAATGAGGGCAATGCCCTGAAC
<i>GhGELP23D-I300-F</i>	ggacaggggtacccggggatccATGGATGGTTATTGTAGCAGAAGGGT
<i>GhGELP23D-I300-R</i>	caccatgtactagtgtcgacAATGAGGGCAATGCCCTGAACAATC
<i>pGhGELP23D-I391-F</i>	GACCATGATTACGCCAAGCTTtattttcccttgacaatcgcc
<i>pGhGELP23D-I391-R</i>	CCAGTGAATTCCCGGGGATCCgtctgtcttgaaggaggaggatggg
<i>GhGELP23D-VIGS-F</i>	CAAAATGGCATGCCTGCAGACTagtGTGACTTCCTCCAGAACTACTATGT
<i>GhGELP23D-VIGS-R</i>	GAATTCACTAGACCTAGGGGCGCGccCTCGTGGTAACCGAACAATGTTCTT
<i>GhGELP23D-qRT-F</i>	CCACTGACATCACTGCTGAAAC
<i>GhGELP23D-qRT-R</i>	ACCATGGCAGCTTTGTCATCA

<i>GhUBQ7-qRT-F</i>	GAAGGCATTCCACCTGACCAAC
<i>GhUBQ7-qRT-R</i>	CTTGACCTTCTTCTTGTGCTTG
