

Table 1 Sequences of primer used in this study

Name	Primer sequence (5'-3')	Notes
LdGASA -5-0	TGACAACAAGGGAGCTGGTTT	
LdGASA -5-1	AGATCATTCTCGGCAGTGATT	
LdGASA-5-2	AAACAAGACCACAAAGTTTGGAT	specific primers of
LdGASA -5-3	GGTCTTCAGGTTGGCATAGCAG	5'-RACE
SMART II oligo	AAGCAGTGGTATCAACGCAGAGTACGCGGGIGIIGIGIG	
NUP	AAGCAGTGGTATCAACGCAGAGT	
LdGASA-3-1	CAGCCCAAGTGCCCATAAAT	
LdGASA-3-2	CAAACCAGCTCCCTTGTGTGTC	specific primers of
CDS	AAGCAGTGGTAACAACGCAGAGTACTTTTTTTTTTTTTTTT	3'-RACE
PCR-G	CTTAGAGTTTAAACAACGCAGAGTACTT	
LdGASA-q-F	ATCTCTGGGTAATGGCATTGG	bulblet development
LdGASA-q-R	AGGTTGGCATAGCAGGGACA	quantitative RT-PCR
LdGAPDH-F	GCTGCAAGTTTCAACATTATCC	analysis
LdGAPDH-R	ATCATAAGTAGCCGCCTTCTCAA	
LdGASA-o-F	ATGCGTCGCTATATGGCACC	overexpression vector
LdGASA-o-R	TTATGGGCACTGGGCTGCT	construction
PTF	GACGCACAATCCCACTATCC	transgenic <i>Arabidopsis</i>
PTR	CGTCGTCCTGAAGAAGATGG	<i>thaliana</i> confirm