

Table 1 Suppl. Primers used in this study.

Primer name	Primer sequence (5'-3')
Primers for gene cloning	
<i>SlTrxF</i> -GC-F	TCCATGGCATTGCAAGTTCAAGT
<i>SlTrxF</i> -GC-R	CTCTTAGGAGGAGCGCACAC
Primers for constructing expression vector	
<i>SlTrxF</i> -OE-F	CGGGATCCATGGCATTGCAAGTTCAAGTCAA
<i>SlTrxF</i> -OE-R	TTCGAGCTCGGAGGAGCGCACACCCT
Primers for identifying transformants	
<i>hpt</i> II -PCR-F	ACAGCGTCTCCGACCTGATGCA
<i>hpt</i> II -PCR-R	AGTCAATGACCGCTGTTATGCG
Primers for real-time qPCR	
<i>SlTrxF</i> -F	TGTCTGCGTTGCAGGAGATT
<i>SlTrxF</i> -R	CGTCACCTGTCCAACCG
<i>AtAGPase-S1</i> -F	ACGCACGTATCGGTGACAAT
<i>AtAGPase-S1</i> -R	AGTGCCGTTGGGATTAAGG
<i>AtAGPase-S2</i> -F	CCCAAGCGCAGGAATTTACG
<i>AtAGPase-S2</i> -R	CGCACCAGGAATGATTTTCGC
<i>AtAGPase-L1</i> -F	TCTTACCAAGCGAGCAGCAA
<i>AtAGPase-L1</i> -R	CGATTGAGGGAAGCCGAG
<i>AtAGPase-L2</i> -F	ACTCTTTCGTGTGCACCAGT
<i>AtAGPase-L2</i> -R	CAGGTCGACTCCTGTTGGTT
<i>AtSSS I</i> -F	ATTCGAGCCGTTTCGTTGGAT
<i>AtSSS I</i> -R	AGCAACAATGACCGTCCG
<i>AtSSS II</i> -F	GAACCATTCCGGTGGTCCAT
<i>AtSSS II</i> -R	TCCGCGCTATCAAATGTCC
<i>AtSSS III</i> -F	GGCTCGGCTTGTTCTAACCT
<i>AtSSS III</i> -R	TGTGTCAGTCCACATGGCTC
<i>AtSSS IV</i> -F	GGAGAATGGTTCTGCGGACA
<i>AtSSS IV</i> -R	TCTTGCGCCGAGTAACTCA
<i>Atactin</i> -F	GCACCCTGTTCTTCTTACCGA
<i>Atactin</i> -R	AGTAAGGTCACGTCCAGCAAGG