

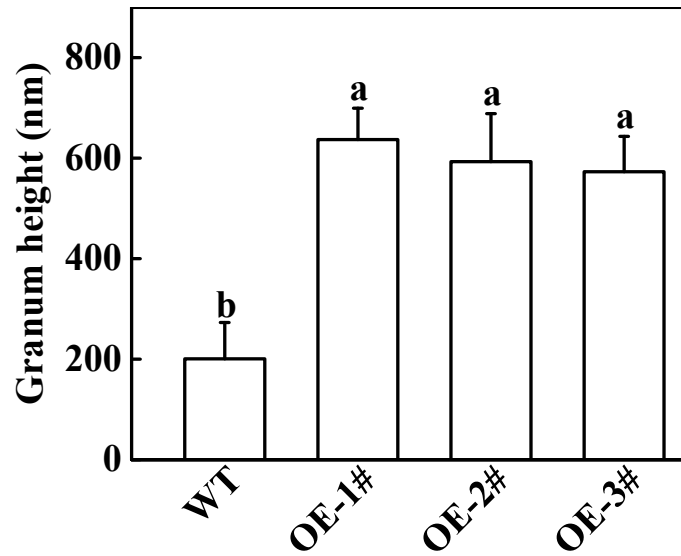


Figure S1. The granum height of *TGase* in each transgenic line. Each histogram represents a mean $\pm$ SE of four independent experiments (n=4). Different letters indicate significant differences between treatments ($P<0.05$) according to Duncan's multiple range tests.

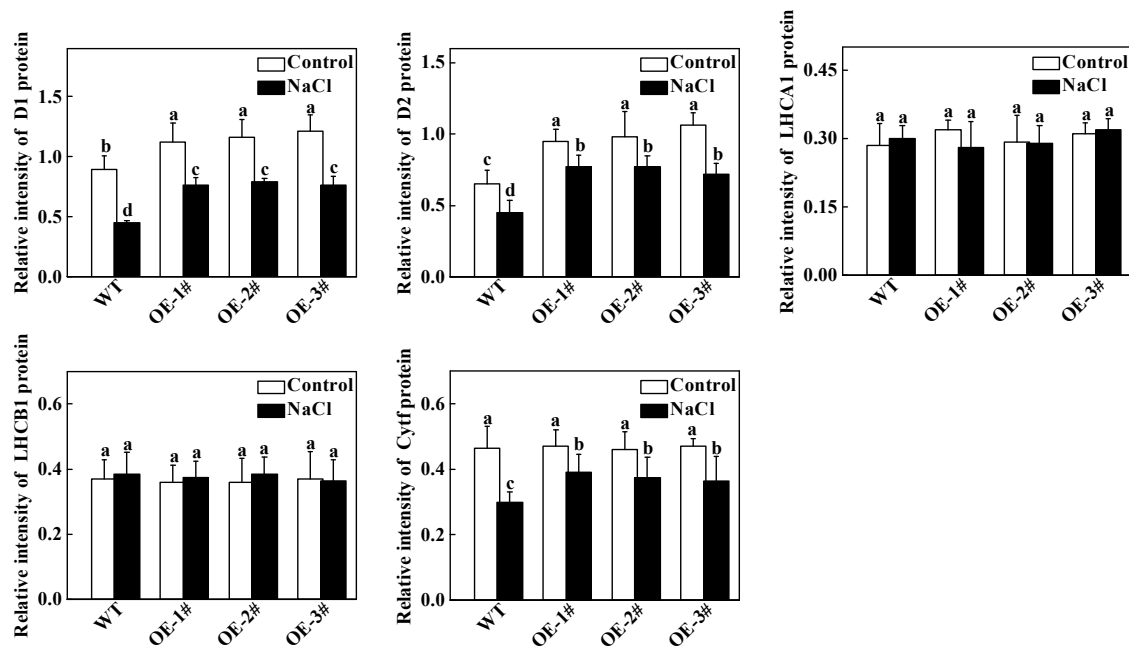


Figure S2. The relative intensity of thylakoid membrane protein changes in WT and *CsTGaseOE* plants under salt stress. Each histogram represents a mean $\pm$ SE of three independent experiments (n=3). Different letters indicate significant differences between treatments ($P<0.05$) according to Duncan's multiple range tests.

Supplemental Table 1. Sequences of primers used for gene expression analysis.

Gene name	Forward primer (5' to 3')	Reverse primer (5' to 3')
<i>NtpsbA</i>	CCATCTACAAATGGATAAGATCCTG	AGCAATAGCACCTCTTGATAGAA
<i>NtpsbB</i>	TTTGCTGGTATTGACCCAGA	GGGCGAAAGAAAGATACCAA
<i>NtpsbC</i>	TGAGATGAGACAGGAGATCCAAT	GCTATCCGAAAGAAAAGGGAAT
<i>NtpsbD</i>	GCGGAAGATCCTGAATTTGA	CCACGTGGTAGAACCTCCTC
<i>NtpsbE</i>	AGCACCGGTTTAGCTTACGA	AGGGCCTCCTAAAACGATCT
<i>NtpsaA</i>	GTGCTGTAGGAGTAACCCATTACC	CAAATCCTCCTAGCCATTATCCTA
<i>NtpsaB</i>	CTAGGATTTCGACTTGTATCATGGA	GACGGAACCTTGCTTATTTCTTTC
<i>NtatpA</i>	GAAGCTATTCAGGAACAAATGGAC	AATCCAAGACGCTTGATTCCCTT
<i>NtatpB</i>	TACCAAATCACGCCCCCTATT	AGCAAAACCACCCATCAGAG
<i>NtRbcL</i>	GTCCCCTGTTGGGATGTACTATT	TGTGAGTTCACGTTCTCATCATC
<i>NtRbcS</i>	TCATTGGATTTCGACAACGTG	CACAACCCCTAAAGACAAGACA
<i>NtFBPase</i>	TCGGAAAACCAAGGTGAAAG	AGCCATTGGTACCATCCTAGA
<i>NtpetA</i>	ATTTGGTCAGGGAGATGCAG	TGTCGACAAATCTGCGAATC
<i>NtpetB</i>	CCGCTTCTTACTGCCGTATT	TCCTCCACCAAGTGATAAATGA
<i>NtpetD</i>	TTGCAACCCCTTTGGAAATA	CCGCAGGTACTGAAACCATT
<i>Ntactin</i>	CATTGGCGCTGAGAGATTCC	GCAGCTTCCATTCCGATCA
<i>CsTGase</i>	GGAGATACAACAACATATCAAGA	TTCAGTAAGCCATATAGTTCAAC
<i>Csactin</i>	CAGGAATCCACGAACTACT	AGACCCTCCAATCCAAACAC