



Figure S1. The content of starch in antisense *CsGG3.1-2* transgenic and WT cucumber plants under cold stress. Data shown are averages \pm SE ($n = 3$). The asterisks indicate a significant difference between WT and antisense *CsGG3.1-2* transgenic plants ($**p < 0.01$).

Table S1 Primer sequences used in this work

Primer Name	Primer Sequence (5' to 3')
CsGG3.1-2 Antisense -NcoI	CATGCCATGGCTAGCAACACAACGGCATGG
CsGG3.1-2 Antisense -PmacI	CATGCACGTG ATGGACTACAAGAGAAATCCATTG
CsGG3.1-2-S	TGAGAAATCCCATTCCCACAT
CsGG3.1-2-A	CTGAGTTGGCGGTACATAGTC
CsCBF1-S	GCGACTGAGGAATTCTGGTAA
CsCBF1-A	GGGAAAGTTCCAAGCCAAATC
CsCBF2-S	TTATGTTAGCCGCCAGTAATCC
CsCBF2-A	CTCCTCCTGACTCCTCTGTAAA
CsCBF3-S	CTCAACCAACGACCACCT
CsCBF3-A	CGCAAACCCATTACCAT
CsCOR15b-S	GAAGGGCAAGGAAGGAACAA
CsCOR15b-A	TCGCCATCTCCTTGCTTATC
CsKIN1-S	CCAGAACATGAGCTACCAGATT
CsKIN1-A	CTGCTGTCCTCCTTGTATT
CsActin-S	TTCTGGTATGGTGTGAGTC
CsActin-A	GGCAGTGGTGGTGAACATG