

Supplementary Table and Figures

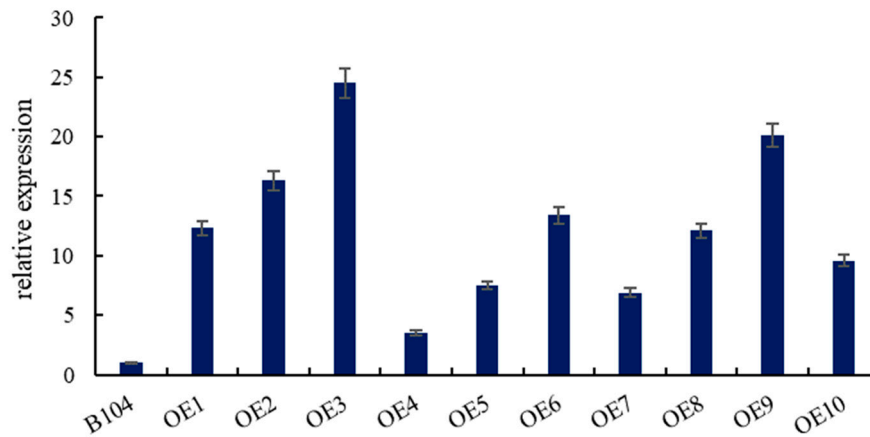


Figure S1. Expression levels of *ZmENO1* overexpressed transgenic lines were detected.

Table S1. List of primers used in present study.

Primer names	Primer sequences (5'-3')	Function
ZmENO1-F1	AATAATGGTCTCAGGCGCGATCACGTGGGTGAAGGCG	Construction of knockout vector
ZmENO1-F2	GCGATCACGTGGGTGAAGGCGGTTTATAGAGCTAGAAATAGC	Construction of knockout vector
ZmENO1-R1	AACTCGCTAAGGCCACGTCCACGCTTCTTGGTGCC	Construction of knockout vector
ZmENO1-R2	ATTATTGGTCTCTAAACTCGCTAAGGCCACGTCCAC	Construction of knockout vector
ZmENO1-AscI-F	TTGGCGCGCCATGGCGGTCACGATCAC	Construction of overexpression vector
ZmENO1-BamH I-R	CGGGATCCTTAGTAGGGCTCCACTGGT	Construction of overexpression vector
ZmSOD-F	AGTTCGGTTCTGGATGGGT	Detection of qRT-PCR
ZmSOD-R	GGGTTGATGGCATTGGAG	Detection of qRT-PCR
ZmPOD-F	GCCACTTTCCTTCCGAGTCATA	Detection of qRT-PCR
ZmPOD-R	CACTGTAATAAGGCCGGTTGTG	Detection of qRT-PCR
ZmCAT-F	CAGGCTGTCGTGAGAAGTGC	Detection of qRT-PCR
ZmCAT-R	AGATCCAAATGGTACGGTGTTT	Detection of qRT-PCR
ZmAPX-F	TACGCCGATTCTACCAGCT	Detection of qRT-PCR
ZmAPX-R	GCAACAATGTCCTGATCGCT	Detection of qRT-PCR
ZmP5CS-F	GCAAGTTGATAGTCCGCTGTGTT	Detection of qRT-PCR
ZmP5CS-R	ACTCCCTTGTCACCATTCACCACT	Detection of qRT-PCR
ZmProDH-F	GCAACCGTGTCTTCTCTCTC	Detection of qRT-PCR
ZmProDH-R	CAAGCGAGGGGAACGTAGAG	Detection of qRT-PCR
18S-F	CCTGCGGCTTAATTGACTC	Detection of qRT-PCR
18S-R	GTTAGCAGGCTGAGGTCTGG	Detection of qRT-PCR