

Table S1 Primers used in the present study

Gene name	Primer sequence (5'-3')	
	Forward	Reverse
<i>ZmActin</i>	GTTTCCTGGGATTGCCGAT	TCTGCTGCTGAAAAGTGCTGAG
<i>Zmpsba</i>	TCGCTGCTCCTCCAGTAGAT	CGCATACCCAGACGGAAACT
<i>Zmpsbd</i>	TCTGGTTGGTTCTTCTCGCC	AGGTATTTGCACCATCGCCA
<i>Zmpsaa</i>	TATTTGCTCGCAGTTCCCGT	TACCCCAAACATCCGACTGC
<i>Zmpsab</i>	GCAGGGCAACGTTTCACAAT	GCCAATATCCACGCCAGGAA
<i>ZmpetA</i>	GAAACCGAGGAAGGGGACAG	TTCTGGCCCCGGGAGGTATAA
<i>ZmpetB</i>	TATACGGTTCTCGGAGGGGG	AAAGCCTCTGTAACGGTCGG
<i>ZmPEPC 1</i>	TCCTCCAAACGAGCCCTAC	AAACTCCAGAAGCCAGCAGA
<i>ZmRubisco 2</i>	AAGACGTTTCAGACAGACATTCAG	TATTAGTTCCTGCTCCTTCACC
<i>ZmNADP-MDH</i>	TTCTTGACTTCACTGGACCCT	ATTGTAGACACCCTTCTGCTTC
<i>ZmNADP-ME 2</i>	TGGTTGGTGGACTCAAAGGT	TACAAGGTTGTCAAGGGCTCA
<i>ZmPPDK 1</i>	CTGTGAAGTAGGGGTCCAAGG	CAAGGTGTACCAGAACGCAAA