

Table S1. Primers used in this study.

Primer name	Sequence (5'-3'; restriction sites underlined)	Description
18s-F	CCTGCGGCTTAATTGACTC	qRT-PCR primer for 18s
18s-R	GTTAGCAGGCTGAGGTCTCG	as reference
AOS-F	TTCCTCCGCTACGACACATT	qRT-PCR primer for
AOS-R	CCGAGGGTGAGAGAGAAGTC	<i>ZmAOS</i>
HPL-F	CCACACACGGGAGATAGCTA	qRT-PCR primer for
HPL-R	GAAGAACTCGTCCTGGCTCT	<i>ZmHPL</i>
LOX5-F	TCGCGTCTACCGTTACGACTACTA	qRT-PCR primer for
LOX5-R	TTCAGGTTCAGCAGGAAAAGC	<i>LOX5</i>
OPR1-F	CGTATGGGAGGCTGTTCTTG	qRT-PCR primer for
OPR1-R	AGCGGTCGTATTTGTTGAGTG	<i>OPR1</i>
ZmPR1-F	GGCGAGAGCCCCTACTAGAC	qRT-PCR primer for
ZmPR1-R	AAATCGCCTGCATGGTTTTA	<i>ZmPR1</i>
ZmPR5-F	GTCATCGACGGCTACAACCT	qRT-PCR primer for
ZmPR5-R	CACGGGCAGAAGGTGACT	<i>ZmPR5</i>
PAL-F	GAAGCTCATGTCGTCCACCTA	qRT-PCR primer for <i>PAL</i>
PAL-R	GTTTCATGGTCAGCACCTTCTT	