

Supplemental Table S8: The primers used in this study.

Label	Sequence	Gene	Gene_id	Application
P01	GATCAAAGGATACGCATACT	<i>NR2</i>	Zm00001d018206	qPCR
P02	TCGACGTCGACGGACCAGAA			
P03	CTGGACCGGATGCCCCAACA	<i>NIR2</i>	Zm00001d052164	qPCR
P04	CGACGCGGCCGCCACGAAG			
P05	GGGTCGCCCGCTACATTCTC	<i>GS3</i>	Zm00001d017958	qPCR
P06	GCTTCTCGATCGCCTCCTTG			
P07	GCACGCTACCTGTGGTGTTTCG	<i>NRT1</i>	Zm00001d054060	qPCR
P08	TTGCTCTTCTCGTCGTCGTTCC			
P09	TGCTCCATTTCCACGGCATCGCTTT		Zm00001d052405	PCR validation
P10	CACGCACGCATGCATAATTGACCGA			
P11	GCTAAAAGCCTTGGTGTTTGTCTTA	<i>ZmNLP6</i>	Zm00001d039266	PCR validation
P12	GGAAAGTGGTAGTTGTGGTTCTTGG			
P13	GGATCAGCGTGGACCAGTTCTTCGA		Zm00001d046718	PCR validation
P14	GTACGGCAGACTCCTGCGTGGCTGT			
P15	TCGAATCAAGGATCCACGCGTAATGGACCTCGACCCGGCCTATCC	<i>ZmNLP6</i>	Zm00001d039266	Vector construction
P16	TTCGAGCTCGGTACCACGCGTTCAACCGGAGCTTCCACAAGAAGT			
P17	TCGAATCAAGGATCCACGCGTAATGAAGAGGTGTCTTCGGAGCCTAA			
P18	TTCGAGCTCGGTACCACGCGTTCAAGACCTTATTGATTTTTCGAGAT			