

Supplementary Table 1

Gene	Accession Number	Primer sequences		Efficiency
		Forward (5'-3')	Reverse (5'-3')	
<i>ZmNRT2.1</i>	AJ344451	GATCGACGATCACCTATACCTC	GTGCTCCGTTGACATGAG	74.7 %
<i>ZmNRT2.2</i>	AY659965.1	GTGGTGTTCTGTCACCTCC	CTTCTCGTCGTCGTTCCACT	83.6%
<i>ZmMHA2</i>	U09989	TCCGACTGTTGTTTGTCTGAG	CACCGACTCCATCCTCATCT	87.1 %
<i>ZmNADH:NR</i>	M27821	GGTCTTTGGAGGTGGAGGTGCTG	CTCTGGCTGCGTATTCAAACCTCTCGT	81.3 %
<i>ZmNADPH:NR</i>	X64446	GGACCACGACATGCTCCTAA	GACCTTGCTGACCACGTACC	89.4 %
<i>ZmNiR</i>	EU957616.1	CTTCATGGGCTGCCTCAC	GTAGACGTCGGCCAGGTG	91.5%
<i>ZmRPL17</i>	AF034948	AAAGTCTCGCCACTCCAATG	ACGTCCAAGCCTTTCACATC	80.0 %
<i>ZmGADPH</i>	XM_020551757	CCTGCTTCTCATGGATGGTT	TGGTAGCAGGAAGGGAAGCA	93.5 %
<i>ZmTUA</i>	NM_001174192	AGGTCATCTCATCCCTGACG	TGAAGTGGATCCTCGGGTAG	95.2 %