TABLE S1

Primers used in this study

Primer[a]	Sequence
ANS1S	5'-ATGCACTTGGTGAACCATGG-3'
DFR1S	5'-ATCTTGCTGAAGAGGGAAGC-3'
DFR2S	5'-ACAACGAGAGAGAGAACATG-3'
DFR3S	5'-AGCCTACAATAAACGGATTG-3'
DFR4S	5'-CCCGTTCTTCTATCTTTTTCTG-3'
Tn3'1S	5'-GGTTGCAGGAGAAAACCGTCTTAGTATGTC-3'
Tn3'2S	5'-CGGTTTTCGTAACAATCGTC-3'
P1	5'CCCAATCCAAGCTGCGACCTTCAAAG-3'
P3	5'-GGACGAGCCTTTCATCATGGCAGCAC-3'
ANS1R	5'-AATGCTCTTGTACTTGCCGTTG-3'
DFR1R	5'-TGTACATGTCCTCTAAGCTG-3'
DFR2R	5'-TCCCTCTTGAGCAAGATCAG-3'
DFR3R	5'-ATGATATGGTAATGGGACTC-3'
DFR4R	5'-GGACAAAGACAATGCAGGTCCACATCGAAG-3'
Tn3'1R	5'-GACATTCATGTATTCACTAGTACAAATAAAG-3'
P2	5'-CGCCAGAACCCACTTTGTAGCGTGAC-3'
P4	5'-GCTCCCATGTTTGCTGCTCCATACCA-3'
P5	5'-CTGATGCAAGTATGCTCCTAAGTAC-3'

[a] Primers used for sequencing the element are not listed here. ANS1F and ANS1R were designed from a partial coding sequence of an *ANS* gene identified from soybean seed coats (AF325853). DFR1F and DFR1R were designed according to the consensus sequence of three legume *DFR* genes (AF167556 from *G. max*; AF117263 from *Lotus corniculatus*; and AY389346 from *Medicago truncatula*).