

Supplemental Table S1. The list of the primers used for qRT-PCR.

Gene ID	Gene name	Forward primer (5' → 3')	Reverse primer (5' → 3')
Genes selected to confirm the microarray data			
bl17025	hypothetical protein	TCCCGGCATTGGTGAACCTTGT	TCGGTGCAAGGTAGGTCTCGAT
blr0497	hypothetical protein	AGCAGGCCTTATCCCATCGTTCA	AGCTGCCGCATTTTCGTTTCATCT
bl12758	two-component response regulator	TTTGCCGTGCGGACCTTCA	TTTCGCCGTCCGATTTACGCA
bl11474	malate synthase G (<i>gleB</i>)	AGCTGTCCGACATCCTCACCATT	GCAGTTGTTGTCGATCTCCTGCT
bl14867	putative outer-membrane immunogenic protein precursor	AAGTACGAAGTCTTCAGCACGGC	AGATGTGGTTGTACTIONCGACGCCA
blr2455	isocitrate lyase (<i>aceA</i>)	ACAACAACCTCGCCGTCGTTCAA	TTGTACTTGCTGACGTCCTTGCC
bl15155	hypothetical protein	TACGGGAAAGAGCAGTTCGAGCA	TCTCGACGAAGGACTTGGTGTCT
blr0906	nodulation ATP-binding protein I (<i>nodI</i>)	TTTCGGTCATGTCGGCCAATGT	TTGAAGCTTTGTCGTTCCCGGT
Genes selected for confirmation of <i>nod</i> gene expression			
bl12023	transcriptional regulatory protein LysR family (<i>nodD₁</i>)	ACGGCCTGAGGAGACGAATTGA	TTGGATGATCCGCAACGGCAT
blr2025	acyl transferase (<i>nodA</i>)	ACTGCGCCGCTTCATCAAAGTT	TCCTGGAGTGCGGGATACATCA
blr2026	nodulation chito-oligosaccharide deacetylase (<i>nodB</i>)	ACCTTTGACGATGGGCCAAATCC	ATGCCCTTCCGCAATCATTCGT
blr2027	chitin synthase (<i>nodC</i>)	CCCATTGCTCCTCGCCATTTTCAT	TTGCAGCAATCGTCAATCCCGT
bl14952	NfeD protein homolog (<i>nfeD</i>)	AAGGACAAGAAGGACGGTGACCA	ACGGATGAAAGCAACCGCATCA
bl12757	transcriptional regulatory protein Crp family (<i>fixK₂</i>)	TCAACACCCAAATCGGTGGCAA	TCCTTGCGGTAGGAGAATTCGGT
blr4488	two-component response regulator (<i>ntrC</i>)	CCGAATTTGCCCGTCATCGTCAT	ATGGCGATCAGCTCCTTCAGGT
Gene used to normalize qRT-PCR data (housekeeping gene)			
bl17457	histidyl-tRNA synthetase (<i>hisS</i>)	GATGGAATACACCGACGCGCT	AACGCAAGCTAATCCACTGCTCG