

Table S7 : *Casuarina glauca* and *Alnus glutinosa* primers used for QRT-PCR validation.

* Accession number of the longest EST component of contig is indicated.

Casuarina glauca				
Clone name	Accession number	Product description	Forward Primers	Reverse
Homologs of legume genes involved in Nod signal transduction				
CG-N02f_020_I2	FQ364257	LjCASTOR / MtDMI1	AAGTTTGTGAGAAATTGTCCAT	AGAGCACTGGCTAAAGCAAT
CG-N02f_019_M	FQ364345	LjCYCLOPS	TGGAGATGGAAGACTTGTAT	TCCTCGCTATCTGTATGTCG
CG-R02f_031_L1	FQ373065	LjHap2	TTCAGAGTACCACCATCAGA	GCATGAATCACGGCATCTCC
CG-R02f_025_B0	FQ373788	LjHap2	AAAGTGTCCCGACCACCATG	CTCTACCACCTCAAGCGTAAC
CGCL2063Contig1	FQ312468	MtERN2	GAGTTTGTGAGCAGATGAAGGT	CCCATGTACTCATTCACTCCA
CGCL343Contig1	FQ371110	MtRALFL	CTACTACAAGTGTAAAGTCTG	ACCTATCACCGATTCTCTATC
CG-R02f_030_E1	FQ373223	LjHK1 /MtHk1	GGCGAGAAGTGAAGGACTT	GGAGGATGACATGACCAGAC
CG-R02f_018_E1	FQ374451	MtHMG	GGAAGAGGTGTTGAAGAAG	CTGTGGCATTGTAGATTGC
CGCL3166Contig1	FQ326610	LjCPP-56	TCCGCAACAATTCCTCTCCA	CAACTTCCGACCGCTCCTTC
CG-N02f_036_G2	FQ362704	MtLIN	CTGTACTGCGGTTGCTCTGG	GCTGTAGCATCCACCGAAGA
Genes linked to flavonoid biosynthesis				
CGCL63Contig1*	CO038761	chalcone synthase (CgCHS1, AJ132323) (Laplace et al)	CTTCGCCCATCCGTCAAAAG	TCTCCGAGCACACGACAAGC
CGCL1804Contig1	FQ322741	chalcone isomerase	GTGCGTCGCCGCTAAATG	CCACACAGTTCCTCGTTA
CGCL1297Contig1	FQ365931	isoflavone reductase	TTGCCGCCATTAAAGAAG	CGTAGGGAGGAAATAGCC
CGCL249Contig1	FQ312969	flavonoid 3-hydroxylase	GTCCATTGCCACATTCCAG	CCTTGCTCATCTTCTCTTG
CGCL2685Contig1	FQ322755	flavonoid 3'-hydroxylase	ACCTACCCAACCTCACCTAC	GCTCTCGGATGCCATTCC
CGCL699Contig1	FQ326397	flavonoid 3'5'-hydroxylase (CgF3'5'H)	CAACCACACATGCGAAGTG	ACATCAGGGTCTCGCCCAAT
CG-N01f_002_A1	CO038460	flavonol synthase (CgFS)	CCACAGGAGACCATCATCGG	CAGCAGTTTACCACCCTTTCC
CGCL254Contig1	FQ312628	dihydroflavonol 4-reductase (CgDFR)	CTGCGTCACTGGTGCTTCTG	CCTTCTTCATATTTCTGGGT
Genes chosen in nodule upregulated gene list				
CG-N02f_028_L0	FQ320287	peroxidase 1	CATCAAAGCCAAGTTAGAGA	CGGACCACCTAAATAAACAAC
CG-N02f_031_A0	FQ363283	a-type carbonic anhydrase	AAGGCTGAAGACAAGGAGAA	CAACAACACAGACGCTATGC
CG-N02f_001_B2	FQ366462	purine transmembrane transporter	CCTCCGTCCTCCTCGTTATT	TCACCTCCGCTAATGTTCTCC
CG-N02f_017_B1	FQ364663	cellulase containing protein	GCCCACTTACCTTTGTTG	GCTTGATATAACCATTCTCG
CGCL1417Contig1	FQ315645	multidrug/pheromone exporter, MDR family, ABC trans	CAAGGCTCGCATAATGAAC	CACCCAAATCAAACCTTAGACC
Genes chosen in nodule downregulated gene list				
CGCL235Contig1	FQ371087	peroxidase 1	GCCTTGATGAAAGAGACC	ATGTTATTGTGCTTGTAAGTG
CGCL12Contig1*	FQ361854	component of high affinity nitrate transporter	AACAACTGACGCCCAACAAG	GAGAAAGCACTGAAGCAAAC
CGCL2686Contig1	FQ372849	aspartyl protease family protein	TGGCGTTAGACACAGGAAG	GTTGCTGCTTGCTGAAGAG
CG-R02f_047_E0	FQ327805	chitinase (class ii)	TTACCAACATCATCAACGG	ATAATAGCAGCAGCAAAGTG
CG-R02f_011_B0	FQ371518	nitrate transporter	CCTCAACCTAACCAAGCAAG	AAGAAATACGCACCCATATCC
Genes chosen in nodule induced gene list				
CGCL1007Contig1	FQ312489	not annotated	ACTTGAGCAGGCAGCATG	AAAGGATACAACAGCACTGG
CGCL245Contig1	FQ315643	gamma-expansin natriuretic peptide	TGGAGCAGCATGTGGAAGAC	CGACGATCACAACGCTAATG
Housekeeping gene used for expression normalisation				
CG-R01_010_F8	CO037049	poly-Ubiquitin (CgUbi)	CCAGGATAAGGAGGGCATTG	GGAGACGGAGCACAAAGATG