

Supplemental Table S4. *Expression analysis of marker genes for nodule development in transgenic nodules of OE172, EV or OEAP2m plants.*

The expression of the marker genes indicated in Supplemental Table S1 was determined. ND: Not determined. Values are expressed relative to the highest expression value for ENOD55 or PEPc (100%) in effective nodules of EV plants; these represent the average (\pm SD) from three biological replicates and two technical replicates each.

Samples	Expression level								
	ENOD55			PEPc			CP		
Transgenic effective nodules (-N)	OE172	EV	OEAP2m	OE172	EV	OEAP2m	OE172	EV	OEAP2m
10dpi	63	100	276	143	17	13	ND	ND	ND
14dpi	47	92	211	229	68	32	ND	ND	ND
21dpi	37	41	156	339	100	52	2	10	48
30dpi	ND	ND	ND	ND	ND	ND	32	100	116
NO₃ treated transgenic nodules									
1mM									
14dpi	165	0	0	96	0	0			
21dpi	93	261	0	468	62	0			