



Figure S2. Confirmation of the absence of genomic DNA contamination in total RNA. A segment of the ubiquitin gene was amplified by PCR using ubiquitin (SUBI-1) F and ubiquitin (SUBI-1) R primers in positive control lanes from 10-17. Compared with positive control lanes, no amplification of the ubiquitin gene was obtained using the same primers from the negative controls (2-9). One out of the three biological replicates was selected at random for this experiment.

| Lane 1: Marker | Lane 10: W (+) d0 |
|---|-------------------|
| Lane 2: W (+) d0 | Lane 11: N (+) d0 |
| Lane 3: N (+) d0 | Lane 12: W (+) d2 |
| Lane 4: W (+) d2 | Lane 13: N (+) d2 |
| Lane 5: N (+) d2 | Lane 14: W (+) d4 |
| Lane 6: W (+) d4 | Lane 15: N (+) d4 |
| Lane 7: N (+) d4 | Lane 16: W (+) d5 |
| Lane 8: W (+) d5 | Lane 17: N (+) d5 |
| Lane 9: N (+) d5 | |
| Lane 2-9 : N (Negative controls) : Water was added instead of a reverse transcriptase enzyme Super Script III RT. | |
| Lane 10-17: P (Positive controls) : The reverse transcriptase enzyme Super Script III RT was used. | |
| W: Williams 82 | |
| N: NOD1-3 | |
| (+): rhizobium inoculation | |
| d0: 0 day | |
| d2: 2 days | |
| d4: 4 days | |
| d5: 5 days | |