

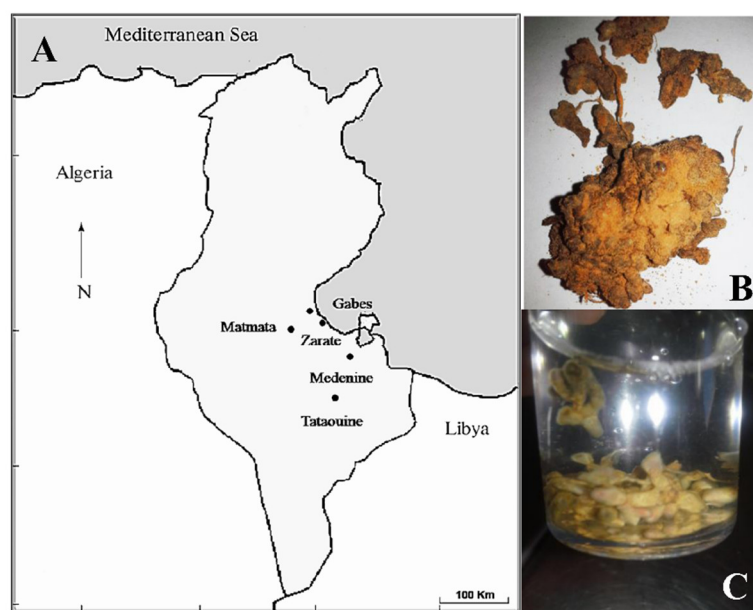


Figure S1. (A) Map of Tunisia showing the location of sampling sites. (B) and (C) Nodules of *Calicotome villosa* wild type plants collected for this work.

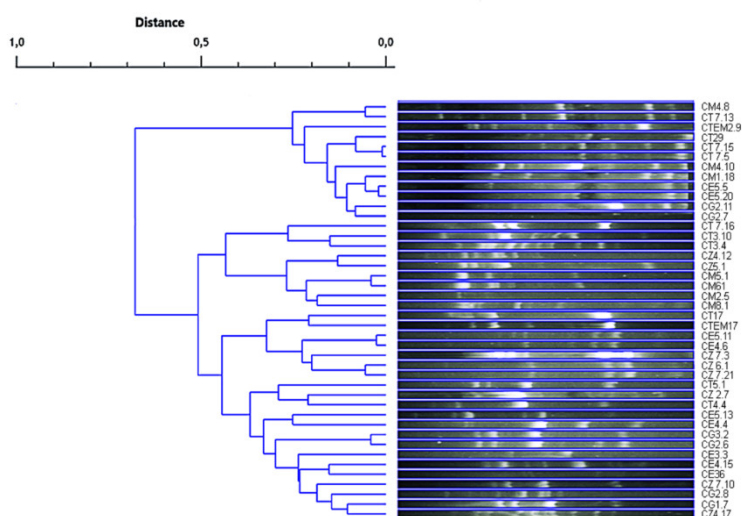


Figure S2. Box-PCR patterns of the bacteria isolates from *Calicotome villosa* compared using dendrogram. Scales at the top of the dendrograms represent similarity.

Table S1. Cross-nodulation of representative rhizobia isolated from *C. villosa* nodules with some grain legumes.

Strain	Related species	<i>Medicago sativa</i>	<i>Lens culinaris</i>	<i>Lotus edulis</i>
CZ4.17	<i>Neorhizobium galega</i>	-	-	-
CZ7.10	<i>N. galega</i>	+	-	-
CZ5.1	<i>N. galega</i>	+	-	-
CZ2.7	<i>Rhizobium sulae</i>	+	+	+
CT4.4	<i>R. sulae</i>	+	+	-
CE5.13	<i>R. sulae</i>	+	+	+
CTEM17	<i>Phyllobacterium ifriqiyense</i>	-	-	-

CE5.11	<i>P. ifriqiyense</i>	-	-	-
CT7.16	<i>P. ifriqiyense</i>	-	-	-
CE36	<i>Rhizobium pakistanense</i>	+	-	-
CZ7.21	<i>R. pakistanense</i>	-	-	-
CM61	<i>Ensifer meliloti</i>	+	+	+
CM8.1	<i>E. meliloti</i>	+	+	+
CM2.5	<i>E. meliloti</i>	+	+	+