



Supplementary Figure 4. *cra2* nodules are elongated and fix nitrogen

A. Picture of a representative elongated nodule from a Wild-Type (WT) or a *cra2-1* plant. Bar = 500 μ m

B. Nitrogen fixation activity of the WT and *cra2* plants (*cra2-1* and *cra2-2* alleles) six weeks post-inoculation with Rhizobium was determined using an Acetylene Reduction Assay (ARA).

C. Specific nitrogen-fixation activity of WT and *cra2* nodules (*cra2-1* and *cra2-2* alleles) from plants shown in **(B)**, corresponding to the ARA activity per milligram of nodule.

In **B** and **C**, a Kruskal and Wallis test was performed ($\alpha < 5\%$; $n = 10$), and the letters indicate significant differences.