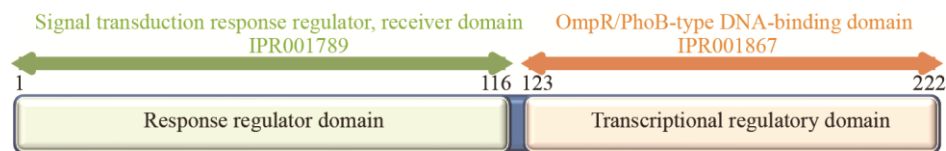
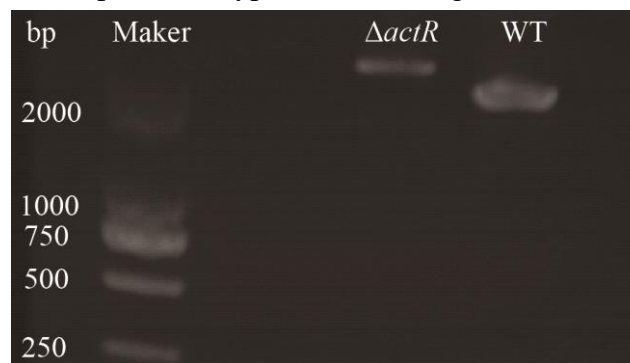


The FtcR-like protein ActR in *Azorhizobium caulinodans* ORS571 is involved in bacterial motility and symbiosis with the host plant

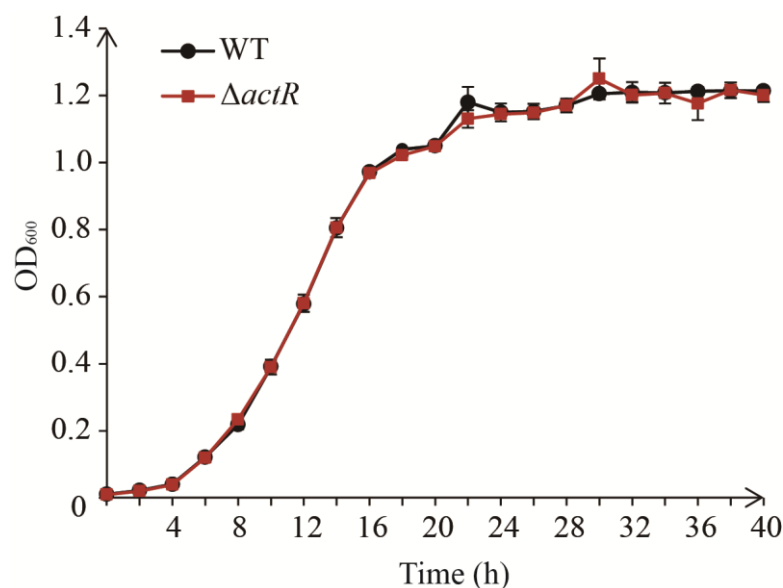
Li Sun^{1†}, Dandan Wang^{1†}, Zhiqiu Yin¹, Chengsheng Zhang^{2*}, Amber Bible³, Zhihong Xie^{1,4*}



Supplementary Figure 1. Schematic representation of the ActR protein in the *A. caulinodans* ORS571 with the location of the domain. The domains predicted by InterPro annotation. IPR001789: Signal transduction response regulator, receiver domain; IPR001867: OmpR/PhoB-type DNA-binding domains are shown as boxes.



Supplementary Figure 2. PCR confirmation of the $\Delta actR$ mutant strain (Including maker (left), the genomic DNA of $\Delta actR$ mutant strain (middle), and the genomic DNA of WT (right)).



Supplementary Figure 3. Growth of the wild-type *A. caulinodans* ORS571 and $\Delta actR$ mutant strain in TY medium.