Support Information

The host-plant metabolite glucose is the precursor of diffusible signal factor (DSF) family signals in *Xanthomonas campestris*

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Experimental methods:

RNA extraction and qRT-PCR analysis

Xc1 was grown in NYG medium in the absence and presence of 15mM glucose till OD_{600} of 1.0. Total RNA was isolated using the RNeasy mini kit (Qiagen) according to the manufacturer's instructions. The concentration and purity of RNA were determined by agarose gel electrophoresis and spectrometry.qRT-PCR quantifications were performed with a LightCycler® (Roche™) and QuantiFast SYBR Green (Qiagen™) according to the manufacturers' instructions. The experiments were performed in triplicate, and the data were determined from two independent experiments. Expression levels were normalized to levels of the 16S RNA gene transcript in each experiment.

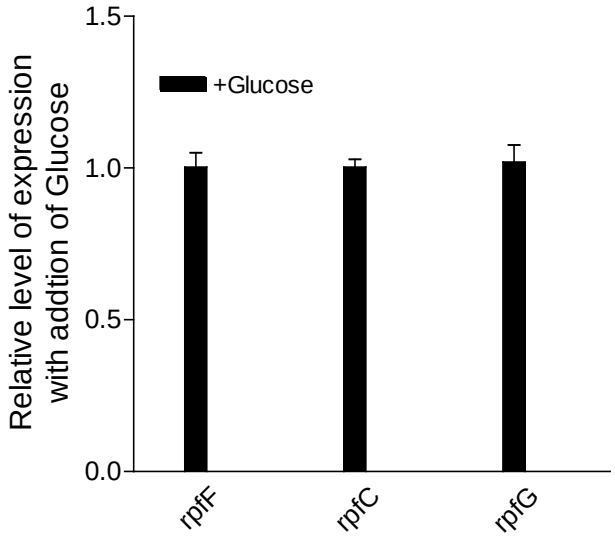

Figure S1. Real-time PCR analysis of glucose effect on transcriptional expression of selected genes in Xc1 compared to the control in the absence of glucose. Data shown are means of two replicates and error bars indicate the standard deviations.