

**Table S1.** Media used for growing the different bacterial cultures.

No.	Bacterial Species	Growth media
1	<i>Azospirillum lipoferum</i> 1842	Nutrient agar (NA)
2	<i>Azotobacter vinelandii</i> (ATCC12837)	Potato dextrose agar (PDA)
3	<i>Bacillus subtilis</i>	Yeast extract mannitol (YEM) agar
4	<i>Bacillus thuringiensis</i> subsp. <i>oloke</i>	Mannitol egg yolk polymyxin (MEYP) agar
5	<i>Bradyrhizobium japonicum</i> 3I1b6	Nutrient agar (NA)
6	<i>Enterobacter agglomerans</i> (ATCC23216)	Nutrient agar (NA)
7	<i>Enterobacter cloacae</i> CAL2	Nutrient agar (NA)
8	<i>Kluyvera ascorbata</i> SUD165	MRS (deMan, Rogosa, and Sharpe) agar
9	<i>Lactobacillus acidophilus</i> (ATCC 4356)	Yeast mannitol agar (YMA)
10	<i>Paenibacillus polymyxa</i> K56	Tryptic soy agar (TSA)
11	<i>Pseudomonas brassicacearum</i> ZY-2-1	Tryptic soy agar (TSA)
12	<i>Pseudomonas fluorescens</i> 34-13	Luria-Bertani (LB) agar
13	<i>Pseudomonas protegens</i> CHAO	Tryptic soy agar (TSA)
14	<i>Pseudomonas putida</i> (ATCC 12633)	Yeast mannitol agar (YMA)
15	<i>Sinorhizobium fredii</i> (ATCC51808)	Luria-Bertani (LB) agar
16	<i>Sinorhizobium meliloti</i> RM11559	Mitis Salivarius Agar with Tellurite (MSAT)
17	<i>Streptococcus salivarius</i> C699	Nutrient agar (NA)

**Table S2.** List of primers used in the qPCR experiment.

Name of the gene*; gene ID	Forward primers	Reverse primers
<i>hcnA</i> ; 57475633	5'- CCGTCCTCAGCGTGATCC-3'	5'- CGGCTTGACCAGGGTCTG-3'
<i>WspR</i> ; 57474139	5'- GCCAACGACTACCTGGTCAAG-3'	5'- GTCGGAGTTCATCAGCCGTTG -3'
<i>cheW</i> ; 57474134	5'- AAGCAAGTGGTCGGGATCAT -3'	5'- GTTCCGACCATTCTCTTCG -3'
<i>pvdS</i> ; 57477257	5'- AGACGTGGTTCAAGATGCGT -3'	5'- TCAGGTGAAGCGCCATGAAT -3'
<i>rpoC</i> ; 57478537	5'- ACCCAGGGCGAGAAGTACAA- 3'	5'- CCCGAGTCAGCCATCATGTA- 3'

\**hcnA*, cyanide-forming glycine dehydrogenase subunit HcnA; *WspR*, signal transduction system regulator diguanylate cyclase; *cheW*, chemotaxis protein; *pvdS* RNA polymerase sigma-70 factor, ECF subfamily; *rpoC*, DNA-directed RNA polymerase subunit beta.