Table S1. BLAST hit results on partial 16S rRNA sequence. *

Identity %	Species	Strain	Identical bases	Accession No.
99.59	*Phytobacter diazotrophicus*	UAEU22	484/486	CP051548
	Metakosakonia sp.	MRY16-398	484/486	AP018756
	Phytobacter sp.	SCO41**	484/486	CP027225
	Phytobacter diazotrophicus	DSM 17806	484/486	KY288669
99.38	*Phytobacter* sp.	SCO41**	483/486	KT192640
	Citrobacter sp.	BDA59-3	483/486	CP063427
	Grimontella senegalensis	C1p	483/486	AY217653
	Yokenella sp.	UR 6-12	480/483	KM253221
99.18	*Phytobacter diazotrophicus*	BASG96	483/487	MN647003
98.98	*Phytobacter diazotrophicus*	10289RM	483/488	KY288670
	Enterobacter sp.	2357	483/488	JX174234
98.97	*Phytobacter diazotrophicus*	BLM01	481/486	MK894154

*BLAST search using the megablast algorithm was performed in 2020, and the results remained the same on March 1, 2023. Although the species of several strains such as *Metakosakonia* sp. MRY16-398 and *Citrobacter* sp. BDA59-3 were corrected later (1,2), those displayed in the NCBI-BLAST site are shown .

** Two *Phytobacter* sp. SCO14 sequences exist in the database, and both were hit.

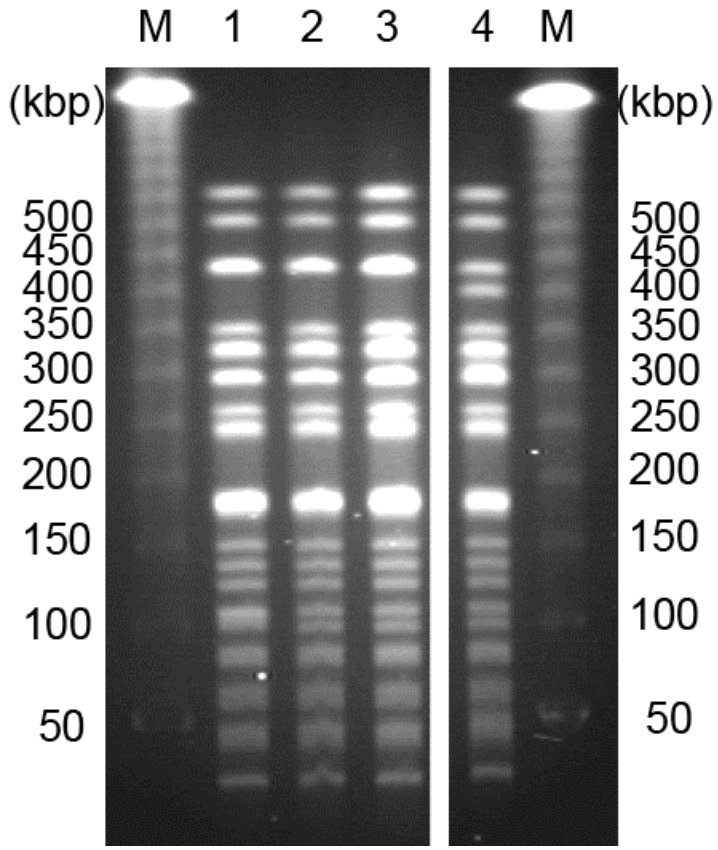

Figure S1. Pulsed-field gel electrophoresis for four *P. diazotrophicus* isolates.

DNA-plugs were digested by *Xba*I (New England Biolabs, Ipswich, MA, USA) and applied to electrophoresis using the CHEF mapper system (Bio-Rad, Hercules, CA, USA). In accordance with the Tenover criteria (3), these four isolates (1: TA9730, 2: TA9734, 3: TA9759, 4: TA9832) are indistinguishable. M represents a lambda DNA ladder marker (Promega, Madison, WI, USA)

Supplementary References

1. Smits THM, Arend LNVS, Cardew S, Tang-Hallbäck E, Mira MT, Moore ERB, Sampaio JLM, Rezzonico F, Pillonetto M. 2022. Resolving taxonomic confusion: establishing the genus *Phytobacter* on the list of clinically relevant Enterobacteriaceae. Eur J Clin Microbiol Infect Dis 41:547–558.
2. Ma Y, Yao R, Li Y, Wu X, Li S, An Q. 2020. Proposal for unification of the genus *Metakosakonia* and the genus *Phytobacter* to a single genus *Phytobacter* and reclassification of *Metakosakonia massiliensis* as *Phytobacter massiliensis* comb. nov. Curr Microbiol 77:1945–1954.
3. Tenover FC, Arbeit RD, Goering RV, Mickelsen PA, Murray BE, Persing DH, Swaminathan B. 1995. Interpreting chromosomal DNA restriction patterns produced by pulsed-field gel electrophoresis: criteria for bacterial strain typing. J Clin Microbiol. 33:2233-2239.