

Supplementary Material

# Biochemical diversity, pathogenicity and phylogenetic analysis of *Pseudomonas viridiflava* from bean and weeds in Northern Spain

Ana M. Fernández-Sanz, M. Rosario Rodicio and Ana J. González

Table S1. Biochemical profiles of the isolates under study

BP	L	O	P	A	T	HL	Es	S	C	T	Ge	M	E	S	I	36°C	AD	D-Ta	L-La	Tri	Bet	Ho	Qu	Xy	La
1	-	-	+	-	+	O	+	-	+	-	+	+	+	+	+	+	-	-	+	+	+	-	+	+	-
2	-	-	+	-	+	O	+	-	+	+	+	+	+	+	+	+	-	-	+	+	+	-	+	+	-
3	-	-	+	-	+	O	+	-	+	+	+	+	+	+	+	+	-	-	-	+	+	-	+	+	-
4	-	-	+	-	+	O	+	-	+	+	+	+	-	+	+	+	-	-	+	+	+	-	+	+	-
5	-	-	+	-	+	O	+	-	+	+	+	+	+	+	+	+	-	+	+	+	+	-	+	+	-
6	-	-	+	-	+	O	+	-	+	+	+	+	+	+	+	+	-	-	+	+	+	+	+	+	-
7	-	-	+	-	+	O	+	-	+	-	+	+	+	+	+	+	-	+	+	-	+	-	+	+	-
8	-	-	+	-	+	O	+	-	+	-	+	+	+	+	+	+	+	+	+	+	+	-	+	+	-
9	-	-	+	-	+	O	+	-	+	-	-	+	+	+	+	+	-	+	-	+	-	-	+	+	-
10	-	-	+	-	+	O	+	-	-	+	-	+	+	+	+	+	-	+	+	+	+	-	+	+	-
11	-	-	+	-	+	O	+	-	-	+	-	+	+	+	+	+	-	-	-	+	+	-	+	+	-
12	-	-	-	-	+	O	+	-	+	+	+	+	+	+	+	+	-	-	+	+	+	-	+	+	-
13	-	-	-	-	+	O	+	-	-	-	-	+	+	+	+	+	-	-	+	+	+	-	+	+	-
14	+	-	+	-	+	O	+	-	+	-	+	+	+	+	+	+	-	-	+	+	+	-	+	+	-
15	+	-	+	-	+	O	+	-	+	-	+	+	+	+	+	+	-	+	+	+	+	-	+	+	-
16	+	-	-	-	+	O	+	-	+	-	+	+	+	+	+	+	-	-	+	+	+	-	+	+	-
17	+	-	+	-	+	O	+	-	+	+	+	+	+	+	+	+	-	-	+	+	+	-	+	+	-
18	+	-	+	-	+	O	+	-	+	+	+	+	+	+	+	+	-	-	+	+	-	-	+	+	-
19	+	-	+	-	+	O	+	-	+	+	+	+	+	+	+	-	-	-	+	+	-	-	+	+	-
20	+	-	+	-	+	O	+	-	+	+	+	+	+	+	+	+	-	-	-	+	+	-	+	+	-
21	+	-	+	-	+	O	+	-	+	+	+	+	+	+	+	+	-	+	+	+	+	-	+	+	-
22	+	-	+	-	+	O	+	-	+	+	+	+	-	+	+	+	-	+	+	+	+	-	+	+	-
23	+	-	+	-	+	O	+	-	+	+	+	+	-	+	+	+	-	-	-	+	+	-	+	+	-
24	+	-	+	-	+	O	+	-	+	+	+	+	-	+	+	+	-	-	+	+	+	-	+	+	-
25	+	-	+	-	+	O	+	-	+	-	+	+	+	+	+	+	-	-	-	+	+	-	+	+	-
26	+	-	+	-	+	O	+	-	+	-	+	+	+	+	+	+	-	-	-	+	-	-	+	+	-

27	+	-	+	-	+	O	+	-	+	-	+	+	+	+	+	+	-	-	+	+	-	+	+	-
28	+	-	+	-	+	O	+	-	+	-	+	+	+	+	+	+	-	+	+	-	-	+	+	-
29	+	-	+	-	+	O	+	-	+	-	+	-	+	-	-	+	-	-	+	+	+	-	+	-
30	+	-	-	-	+	O	+	-	+	+	+	+	+	+	+	+	-	-	-	+	+	-	+	-
31	+	-	-	-	+	O	+	-	+	+	+	+	+	+	+	+	-	+	+	+	+	-	+	-
32	+	-	-	-	+	O	+	-	+	-	+	+	+	+	+	+	-	+	+	+	+	-	+	-
33	+	-	-	-	+	O	+	-	+	-	+	+	+	+	+	+	-	+	-	+	+	-	+	-

L, levane; O, oxidase; P, potato slice pectinolysis; A, arginine; T, tobacco hypersensitivity; HL, glucose oxidation/fermentation; Es, esculine; S, sucrose; C, caseine; T, tween80; Ge, gelatine; M, mannitol; E, erythritol; S, sorbitol, I; inositol; 36°C, growth at this temperature; Ad, adonitol; D-Ta, D-tartrate; L-La, L-lactate; Tri, trigonelline; Bet, betaine; Ho, homoserine; Qu, quinate; Xy, xylose, La, lactose; +, positive, -, negative, O, oxidative

Table S2. Accession numbers of the sequences used for phylogenetic analysis

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48				
	ISOLATE	<i>gyrB</i>	<i>rpoD</i>	<i>gltA</i>
49	LPPA 511	MT683648	MT709129	ON838913
50	LPPA 574	MT683625	MT709110	ON838894
	LPPA 513	MT683649	MT709130	ON838914
51	LPPA 1598	MT683643	MT709125	ON838909
52	LPPA 1600	MT683644	MT709126	ON838910
	LPPA 1604	MT683645	MT709127	ON838911
53	LPPA 593	MT683626	MT709111	ON838895
	LPPA 842	MT683633	MT709118	ON838902
54	LPPA 599	MT683650	MT709131	ON838915
55	LPPA 820	MT683631	MT709116	ON838900
56	LPPA 806	MT683627	MT709112	ON838896
57	LPPA 824	MT683632	MT709117	ON838901
58	LPPA 811	MT683628	MT709113	ON838897
59	LPPA 813	MT683629	MT709114	ON838898
60	LPPA 814	MT683630	MT709115	ON838899
61	LPPA 827	MT683651	MT709132	ON838916
62	LPPA 846	MT683634	MT709119	ON838903
63	LPPA 1420	MT683659	MT709138	ON838922
64	LPPA 888	MT683635	MT709120	ON838904
65	LPPA 894	MT683637	MT709121	ON838905
66	LPPA 896	MT683652	MT709133	ON838917
67	LPPA 897	MT683653	MT709134	ON838918
	LPPA 1674	MT683669	MT709147	ON838931
	LPPA 1679	MT683647	MT709128	ON838912
	LPPA 934	MT683638	MT709122	ON838906
	LPPA 937	MT683640	MT709123	ON838907
	LPPA 1421	MT683660	MT709139	ON838923
	LPPA 1666	MT683668	MT709146	ON838930
	LPPA 1682	MT683672	MT709148	ON838932
	LPPA 941	MT683642	MT709124	ON838908
	LPPA 1385	MT683654	MT709135	ON838919
	LPPA 1391	MT683655	MT709136	ON838920
	LPPA 1393	MT683656	MT709137	ON838921
	LPPA 1432	MT683661	MT709140	ON838924
	LPPA 1446	MT683662	MT709141	ON838925
	LPPA 1451	MT683663	MT709142	ON838926
	LPPA 1452	MT683664	MT709143	ON838927
	LPPA 1454	MT683665	MT709144	ON838928
	LPPA 1467	MT683666	MT709145	ON838929