

Supplementary material

Antagonistic activity of putative endophytic bacterial isolates against *E. coli* ATTC 8739 (*Ec*) and *L. innocua* CCM 4030^T (*Li*) as determined by agar plate diffusion assay. Size of clearing zones is indicated in mm. Inhibitory strains are in bold.

[illegible]

14.	SEPRKS	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	(1) ±0.2	+/-	+/-	+/-	+/-	+/-	+/-	+/-	(1.5) ±0.1	(1.5) ±0.3
15.	SEPRK29	+/-	+/-	+/-	+/-	+/-	+/-	-	-	2.5 ±0.4	+/-	+/-	+/-	+/-	+/-	-	-	2.5 ±0.3	+/-	+/-	(1.5) ±0.0	+/-	(1.5) ±0.2	-	-
16.	SKS2	+/-	(+)/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	(1.5) ±0.4	+/-	+/-	+/-	+/-	+/-	+/-	+/-	(1.7) ±0.4	+/-	+/-	+/-	+/-	+/-	+/-
17.	FPBTIK2	(+)/-	(+)/-	(+)/-	(+)/-	-	-	-	-	+/-	+/-	(+)/-	(+)/-	-	-	-	-	+/-	+/-	(+)/-	(+)/-	-	-	-	-
18.	HPBBIH4	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-
19.	HPBBIK4	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-
20.	SESRK1	-	-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-
21.	SEPRH5/1	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-
22.	SEFSH7	-	-	+/-	+/-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	(2) ±0.1	(2) ±0.1	+/-	+/-
23.	SEFSRH1	-	-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	(2) ±0.0	(1.5) ±0.5	(1.5) ±0.4	+/-	+/-
24.	FPBTIK1a	-	-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-
25.	FPBBIK2	-	-/+	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-
26.	HPBSKH1	-	-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-
27.	SEFSRK4	-	-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-
28.	HPBBIK3	(1) ±0.1	+/-	+/-	+/-	+/-	+/-	+/-	+/-	(1.5) ±0.2	(1.5) ±0.1	+/-	(2) ±0.2	+/-	+/-	+/-	+/-	(2) ±0.4	(3) ±0.2	+/-	(2) ±0.2	+/-	+/-	+/-	+/-
29.	SEFSRK8	-	-	+/-	-	-	-	-	-	-	-	+/-	+/-	-	-	-	-	-	-	+/-	+/-	-	-	-	-
30.	SESRK16	+/-	+/-	+/-	+/-	-	-	-	-	+/-	+/-	+/-	+/-	-	-	-	-	+/-	+/-	+/-	+/-	-	-	-	-

31.	SEFPRK2	-	-	4 ±0.1	6.5 ±0.2	-	-	-	-	+/-	5.5 ±0.1	5.5 ±0.2	7 ±0.0	-	-	-	-	+/-	4.5 ±0.0	5.5 ±0.1	6.5 ±0.0	-	-	-	-
32.	SESRK17	-	-	+/-	-	-	-	-	-	-	-	+/-	(2.5) ±0.3	-	-	-	-	-	-	+/-	(2.5) ±0.5	+/-	+/-	-	-
33.	SEFSRK2	-	-	+/-	+/-	+/-	-	-	-	-	-	+/-	+/-	+/-	+/-	-	-	-	-	+/-	+/-	+/-	+/-	-	-
34.	HPBSKH2	+/-	-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	+/-	+/-	+/-	-	-
35.	SESK2	2.5 ±0.3	+/-	+/-	12 ±0.2	+/-	9 ±0.1	-	-	4.5 ±0.2	12 ±0.1	+/-	11 ±0.1	+/-	9 ±0.1	+/-	2.5 ±0.3	3.5 ±0.3	12 ±0.2	+/-	12 ±0.0	+/-	9 ±0.2	+/-	2.5 ±0.3
36.	FPBBIH3	+/-	+/-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	+/-	+/-	+/-	-	-
37.	SEFPRH12	+/-	+/-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	+/-	+/-	+/-	-	-
38.	SEPRK11	+/-	+/-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	(2) ±0.2	+/-	+/-	-	-	+/-	+/-	(1.5) ±0.2	+/-	+/-	+/-	-	-
39.	SEPRH20	+/-	+/-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	+/-	+/-	+/-	-	-	(4) ±0.1	(3) ±0.4	(3) ±0.2	(3.5) ±0.4	+/-	+/-	-	-
40.	SEPRH21	+/-	+/-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	+/-	+/-	+/-	-	-
41.	SEFPRK12	+/-	+/-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	+/-	+/-	+/-	-	-	+/-	+/-	+/-	+/-	+/-	+/-	-	-
42.	SEFSH4	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-	+/-

-: no growth

(+)/-: moderate growth/no inhibition

+/-: growth/no inhibition

(x): growth and partial inhibition, where x indicates the mean width of the inhibition zones from three parallel measures in mm

x: growth and inhibition, where x indicates the mean width of the inhibition zones from three parallel measures in mm

±y: standard deviation

FPBBIH: fruit of soil-grown Hó cultivar

FPBBIK: berry of soil-grown Kárpia cultivar

FPBTIK: berry of soil-grown Kárpia cultivar

HPBBIH: berry of hydroponic Hó cultivar

HPBSKH: berry of hydroponic Hó cultivar

SEFLH: leaf of soil-grown Hó cultivar

SEFLK: above-ground green tissue of soil-grown Kárpia cultivar

SEFPRH: root of soil-grown Hó cultivar

SEFPRK: main root of soil-grown Kárpia cultivar

SEFSH: above-ground green tissue of soil-grown Kárpia cultivar

SEFSRH: root of soil-grown Hó cultivar

SEFSRK: root of soil-grown Kárpia cultivar

SEPRH: root of hydroponic Hó cultivar

SEPRK: main root of hydroponic Kárpia cultivar

SESK: stem of hydroponic Kárpia cultivar

SESRK: root of hydroponic Kárpia cultivar

SKS: seed of Kárpia cultivar