

Supplementary Table 1. Physiological and biochemical test results of *Pectobacterium brasiliense* KNUB-01-21 and the most common soft rot *Pectobacterium* spp.

	KNUB-01-21	Pb	Pba	Pcc	Pwa
Cavity formation on CVP (24 hr, at 28°C)	+	+	+	+	+
Growth in nutrient agar at 37°C	-	-	+	-/+	+
Growth in 5% NaCl	+	+	+	-/+	+
Sensitivity to erythromycin	-	-	-	-	-
Production of reducing substances from sucrose	+	+	-	-	-
Production of indole	-	-	-	-	-
Production of phosphatase	-	-	-	-	-
Acid production from lactose	+	+	+	-	+
Acid production from maltose	+	+	-	-	+
Acid production from α -methyl glucoside	+	+	-	-	+
Acid production from trehalose	+	+	+	+	+
Acid production from sorbitol	-	-	-	-	-
Utilization of malonate	-	-	-	-	-

'+', positive reaction; '-', negative reaction; '-/+', ambiguous reaction.

Pb, *Pectobacterium brasiliense*; Pba, *Pectobacterium atrosepticum*; Pcc, *Pectobacterium carotovorum* subsp. *carotovorum*; Pwa, *Pectobacterium wasabiae*; CVP, crystal violet pectate.