

Table S2: Phenotypes of *P. luminescens* TT01 Chr_dam and Chr_gfp strains

Strain ^a	Btb adsorption ^b	Bioluminescence ^c	Antibiotic production ^d	Sheep blood hemolysis ^e	Motility ^f	lecithinase ^g	Lipolysis of ^h				
							Tween 20	Tween 40	Tween 60	Tween 80	Tween 85
TT01 Chr_Dam	G	+	+	-	+	+	+	+	+	+	-
TT01 Chr_GFP	G	+	+	-	++	+	+	+	+	+	-
TT01 WT	G	+	+	-	++	+	+	+	+	+	-

^a All plates were incubated for 2 days at 28°C before assays were interpreted, unless otherwise indicated. Routinely tested phenotypes on the WT strain are indicated for comparison.

^b Btb, bromothymol blue; G, green-blue colonies on NBTA medium.

^c +, Luminescence detected by visual observation in a dark room.

^d +, Halo size (>10 mm) of growth inhibition of *Micrococcus luteus*.

^e -, No halo of hemolysis detected

^f +, Reduced spreading area (halo size < 40 mm); ++, Large spreading area (halo size > 40 mm) after 36h of incubation.

^g +, Halo of opacity around the inoculum indicated the production of lecithinase

^h +, Halo of precipitation; -, no halo of precipitation