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**Table S2: Phenotypes of *P. luminescens* TT01 Chr\_dam and Chr\_gfp strains**

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

<sup>a</sup> 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.

<sup>b</sup> Btb, bromothymol blue; G, green-blue colonies on NBTA medium.

<sup>c</sup> +, Luminescence detected by visual observation in a dark room.

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

<sup>e</sup> -, No halo of hemolysis detected

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

<sup>g</sup> +, Halo of opacity around the inoculum indicated the production of lecithinase

<sup>h</sup> +, Halo of precipitation; -, no halo of precipitation