

Table S5. Antifungal activity of *P. putida* BW11M1 and xantholysin-deficient mutants. The effect on mycelial growth near a bacterial colony is indicated: (+) inhibition by wild type; (↓) or (-), reduced or no inhibition by *xtl* mutants compared to WT (as observed on PTA medium). For a particular indicator, the same phenotype was observed for the *xtlA*, *xtlB*, *xtlC* and *xtlR* mutants (CMPG2183, CMPG2187, CMPG2198, and CMPG2201, respectively), collectively designated *xtl* mutants. The inhibitory patterns for selected fungal strains are shown in Fig. S5.

Fungal strain	Growth inhibition	
	Wild type	<i>xtl</i> mutants
<i>Alternaria longipes</i> CBS 620.83	+	-
<i>Alternaria porri</i> (CMPG collection)	+	NT ^a
<i>Ascochyta pisi</i> MUCL30164	+	↓
<i>Aspergillus flavus</i> CBS111.45	+	-
<i>Botrytis cinerea</i> JHCC8973	+	-
<i>Botrytis cinerea</i> MUCL30158	+	-
<i>Colletotrichum gloeosporoides</i> SR24	+	↓
<i>Fusarium culmorum</i> MUCL30162	+	-
<i>Fusarium graminearum</i> MUCL30161	+	-
<i>Fusarium oxysporum</i> MUCL909	+	-
<i>Fusarium oxysporum</i> MUCL30160	+	-
<i>Fusarium oxysporum</i> f. sp. <i>radicis-lycopersi</i> CBS 873.95	+	-
<i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> CBS 410.90	+	-
<i>Gloeosporium musarum</i> MUCL500	+	-
<i>Gloeosporium solani</i> CBS 194.32	+	-
<i>Nectria haematococca</i> MUCL20259	+	-
<i>Neurospora crassa</i> (CMPG collection)	+	-
<i>Penicillium expansum</i> (CMPG collection)	+	-
<i>Pyricularia oryzae</i> (CMPG collection)	+	↓
<i>Pyrenophora tritici-repentis</i> MUCL30217	+	↓
<i>Rhizoctonia solani</i> CBS 211.84	+	-
<i>Rhizoctonia solani</i> NL84	+	NT
<i>Septoria nodorum</i> MUCL30111	+	-
<i>Trichoderma viride</i> MUCL29726	+	-
<i>Verticillium albo-atrum</i> MUCL19212	+	-
<i>Verticillium dahliae</i> MUCL 19210	+	-

^a Not tested