

**Table S3. Antagonistic activity spectrum of *P. putida* BW11M1 wild type (WT) and xantholysin-deficient mutants.** The indicators shown are listed in Table 1 and Table S4. All other bacteria listed in Table S4 are not inhibited by strain BW11M1. Antagonism was semi-quantified by measuring the halo radii (in mm; average of three repeats; ND, no halo detected). Values in parentheses denote formation of a turbid halo. For some wild-type *Xanthomonas* strains a larger turbid halo was observed around a smaller clear halo. Additional italicized values in parentheses refer to the presence of a ‘secondary’ turbid growth inhibition halo.

Strain	WT	<i>xtlA</i>	<i>xtlB</i>	<i>xtlC</i>	<i>xtlR</i>
<b><math>\alpha</math>-Proteobacteria</b>					
<i>Azospirillum brasilense</i> Sp7	(5.0)	(3.0)	(3.0)	(3.0)	(3.0)
<i>Sphingomonas wittichii</i> RW1	9.5	4.0	4.0	4.0	4.0
<b><math>\beta</math>-Proteobacteria</b>					
<i>Burkholderia vietnamensis</i> LMG 10927	3.5	ND	ND	ND	ND
<i>Variovorax paradoxus</i> LMG 1797	11.0	5.5	5.0	5.5	5.5
<b><math>\gamma</math>-Proteobacteria</b>					
<i>Aeromonas hydrophilia</i> ATCC 7966	4.5	ND	ND	ND	ND
<i>Erwinia amylovora</i> CFBP 1430	(4.5)	ND	ND	ND	ND
<i>Xanthomonas alfalfae</i> subsp. <i>alfalfae</i> LMG 497	2.5	ND	ND	ND	ND
<i>X. axonopodis</i> pv. <i>manihotis</i> LMG 784	3.0	ND	ND	ND	ND
<i>X. campestris</i> pv. <i>campestris</i> LMG 582	1.0	ND	ND	ND	ND
<i>X. citri</i> pv. <i>malvacearum</i> LMG 761	1.5	ND	ND	ND	ND
<i>X. hortorum</i> pv. <i>hederae</i> LMG 7411	11.5	8.5	8.0	8.5	8.5
<i>X. sacchari</i> LMG 471	3.5	ND	ND	ND	ND
	(12.5)	(9.0)	(9.5)	(9.0)	(9.5)
<i>X. translucens</i> LMG 12921	1.5	ND	ND	ND	ND
<i>X. translucens</i> pv. <i>cerealis</i> LMG 679	3.0	ND	ND	ND	ND
	(15.0)	(10.0)	(9.5)	(10.0)	(10.0)
<i>X. translucens</i> pv. <i>graminis</i> LMG 726	(13.5)	(10.0)	(9.5)	(10.0)	(9.5)
<i>X. translucens</i> pv. <i>hordei</i> LMG 737	10.5	7.5	8.0	7.5	7.5
<i>X. vasicola</i> pv. <i>holcicola</i> LMG 736	8.5	5.0	5.5	5.0	5.5
<i>X. vasicola</i> pv. <i>musacearum</i> LMG 785	3.0	ND	ND	ND	ND
	(28.5)	(18.5)	(18.5)	(18.5)	(18.5)
<i>X. vasicola</i> pv. <i>musacearum</i> LMG 7431	2.5	ND	ND	ND	ND
	(24.0)	(17.0)	(17.5)	(17.0)	(17.0)
<i>Xanthomonas</i> sp. pv. <i>zinnia</i> LMG 8692	3.0	ND	ND	ND	ND
<b>Actinobacteria</b>					
<i>Mycobacterium smegmatis</i> DSM 43756	6.0	3.5	3.5	3.5	4.0
<i>Rhodococcus erythropolis</i> N11	4.0	2.0	1.5	1.5	1.5
<i>Streptomyces coelicolor</i> A3(2)	6.0	2.5	2.0	2.0	2.5
<i>Streptomyces lividans</i> TK24	6.5	3.0	3.0	3.0	3.0
<b>Firmicutes</b>					
<i>Bacillus megaterium</i> ATCC 13632	19.0	9.0	8.5	8.0	8.5
<i>Bacillus subtilis</i> LMG 7135	7.5	5.0	5.0	4.5	4.5
<i>Staphylococcus aureus</i> ATCC 6358	9.5	5.0	5.0	5.0	5.0