

Supplementary Table S1. Results of the spot tests for the nine antimicrobial peptides used against *Erwinia amylovora*.

Peptide	Code	1 mM	500 μ M	250 μ M	100 μ M	50 μ M	25 μ M	12.5 μ M
Ascaphin-8	GF-19	+	+	+	+	+	-	-
DASamP1	FF-13	+	+	+	-	-	-	-
DASamP2	IL-14	+	+	+	+	+	-	-
Lycotoxin I	IL-25	+	+	+	+	-	-	-
Maculatin 1.3	GF-21	+	+	+	-	-	-	-
Piscidin 1	FG-22	+	+	+	+	+	-	-
1036	VK-13	+	+	+	-	-	-	-
BP178	KL-29	+	+	+	+	+	+	-
RIJK2	RV-12	+	+	+	-	-	-	-

+: Clear plaque formation; -: no plaque formation.

Supplementary Table S2. The statistical analysis consisted of counting the coloured spots (green: SYTO9 and red: PI) in the different channels of 10 replicas for the two concentrations of each antimicrobial peptide and the relative percentages of viable cells is calculated. The histogram shows the % of cells inhibition.

	250 µM		50 µM	
	SYTO9	PI	SYTO9	PI
KL29	74	746	0	993
IL14	123	132	35	192
FG22	228	237	97	253
GF19	108	62	90	115
CONTROL	325	10		
	SYTO9	PI		

	% of viability	
	250 µM	50 µM
KL29	9	0
IL14	48	15
FG22	49	28
GF19	64	44
CONTROL	97	

