

**Table S1:** Activity of the *L. sericata* AMPs against an extended spectrum of Gram-negative bacteria<sup>1</sup>.

AMP	<i>Comamonas terrigena</i> ATCC 8461	<i>Enterobacter aerogenes</i> SG 117	<i>Escherichia coli</i> DC 2	<i>Escherichia coli</i> DC 0	<i>Escherichia coli</i> SG 458	<i>Proteus vulgaris</i> Ox 19	<i>Proteus morganii</i> SG 464	<i>Serratia marcescens</i> SG 621	<i>Pseudomonas aeruginosa</i> K799/61	<i>Pseudomonas aeruginosa</i> K799/WT	<i>Pseudomonas aeruginosa</i> SG 137	<i>Pseudomonas aeruginosa</i> ATCC 27853	<i>Pseudomonas aeruginosa</i> ATCC 9027	<i>Pseudomonas aeruginosa</i> NCTC 10701	<i>Salmonella gallinarum</i> ATCC 9184	<i>Proteus mirabilis</i> SG 654
LSer-PCecL1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0
LSer-PCecL2	13	P	15	14	15	15	0	0	0	0	0	0	0	0	22	0
LSer-PCecL3	12	P	12	14	14	11	0	0	0	0	0	0	0	0	19	13
LSer-PCecL4	19	12	12	12	13	12	0	0	0	0	0	0	0	0	21	P
LSer-PCecL5	0	0	0	0	13	14	0	0	0	0	0	0	0	0	13	P
LSer-Cec1	18	20	19	17	17	18	13	11	13	11	10	11	12	0	22	14
LSer-Cec2	13	19	18	16	18	18	13	11	P	0	0	0	0	0	24	13
LSer-Cec3	23	21	19	17	19	20	15	13	16	14	13	13	15	12	22	15
LSer-Cec4	21	22	21	18	19	20	14	13	15	13	12	13	15	12	23	14
LSer-Cec5	12	19	20	18	18	21	11	10	10	0	0	10	10	0	25	10
LSer-Cec6	22	21	19	16	18	19	15	12	14	13	13	13	14	11	22	15
LSer-PRP1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LSer-PRP2	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0
LSer-PRP3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LSer-PRP4	0	0	0	0	0	0	0	0	P	0	0	0	0	0	0	0
LSerStomox1	16	14	15	13	14	15	11	10	13	12	13	12	14	11	19	0
LSerStomox2	16	15	14	13	14	15	12	10	14	12	11	12	14	11	20	11
Ciprofloxacin	31	36	23	18	25	27	40	28	24	27	27	19	24	30	34	31

<sup>1</sup>The AMPs were tested at 1 mg/ml in the agar diffusion assay against the indicated bacterial strains. 5 µg/ml Ciprofloxacin was used as control. The diameters of the observed inhibition zones (in mm) are reported. P indicates partial growth inhibition.