

**Table S1.** Growth conditions for the microorganisms used as indicators of the antimicrobial activity of the in vitro-synthesized bacteriocins by a spot-on-agar test.

Indicator microorganism	Medium <sup>a</sup>	Temperature	Incubation time
<i>Aeromonas salmonicida</i> CLFP23	TSB	25 °C	Overnight
<i>Lactococcus garvieae</i> CLG4	MRS <sup>b</sup>	30 °C	Overnight
<i>Listeria seeligeri</i> CECT917	BHI	37 °C	Overnight
<i>Staphylococcus pseudintermedius</i> ICM21/02217	BHI	37 °C	Overnight
<i>Streptococcus parauberis</i> LMG225	BHI	37 °C	Overnight
<i>Vibrio anguillarum</i> CECT4344	TSB supplemented with NaCl (1.5%, <i>w/v</i> )	25 °C	Overnight

<sup>a</sup>TSB: Tryptone Soy Broth (Oxoid, Basingstoke, UK); MRS: de Man, Rogosa and Sharpe (Oxoid); BHI: Brain Heart Infusion (Oxoid).