

**Supplementary Table S1.** Antagonistic activity of *Lactococcus lactis* against pathogenic fish strains.

Pathogenic bacteria	Zone of inhibition in diameter (mm)
	<i>Lactococcus lactis</i>
<i>Aeromona hydrophila</i> (NCIBM1134)	<b>1.3 ± 1.5</b>
<i>Aeromona dhakensis</i> (CAIM 1873)	<b>ND</b>
<i>Aeromona ichtiosmia</i> (CAIM 1876)	<b>ND</b>
<i>Sthaphylococcus arlettae</i> (CAIM 1658)	<b>13.3 ± 1.0</b>
<i>Sthaphylococcus arlettae</i> (UJAT-02)	<b>12.8 ± 1.8</b>
<i>Vibrio harveyi</i> (CAIM 1622)	<b>ND</b>
<i>Vibrio campbelli</i> (GIBGEN 002)	<b>ND</b>
<i>Photobacterium damsela</i> (CAIM 192)	<b>ND</b>

Inhibition zone represented in mm; ND: No activity. Data are expressed as mean ± standard deviation (n=3).