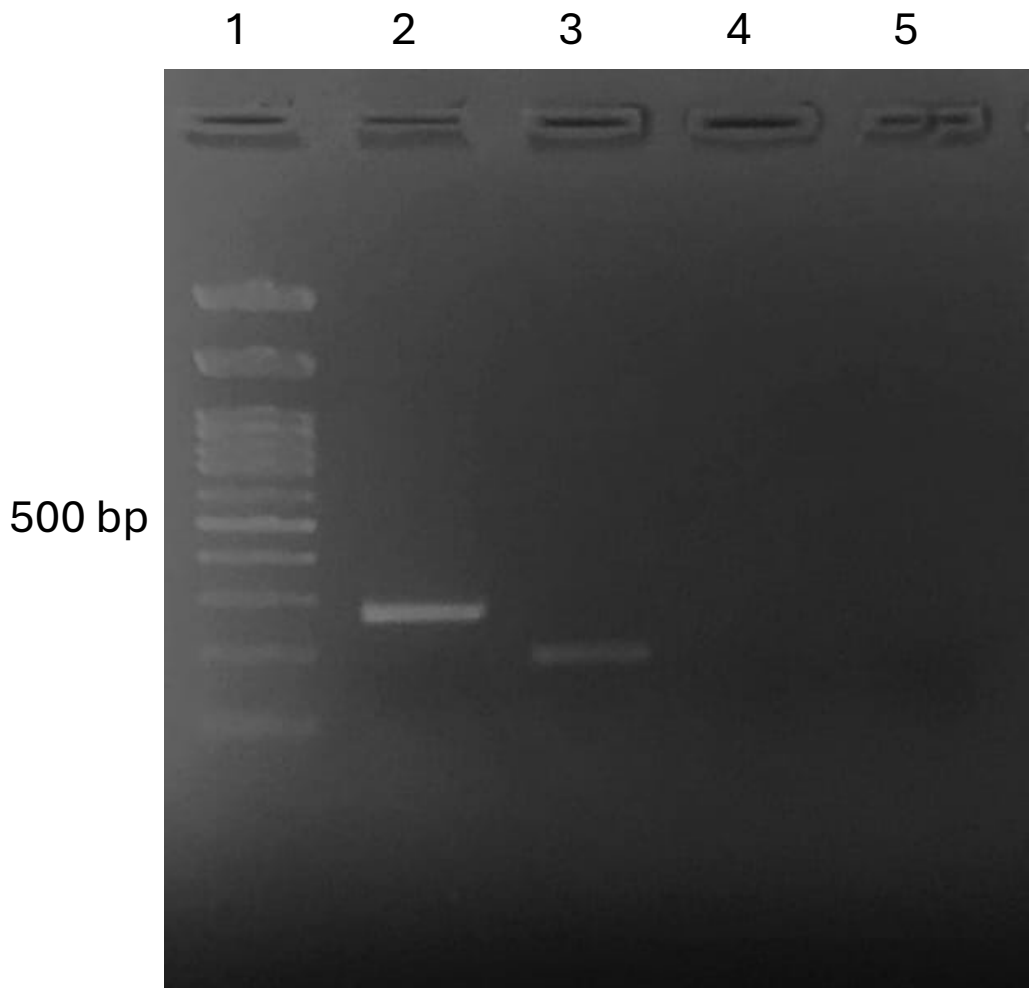


1 **Culture Conditions Shape Metabolism and Exopolysaccharide Production in *Piscirickettsia salmonis*:**
2 **Implications for Vaccine Development**

3 Patricio A. Zelada-Cordero, Claudia Altamirano, Alejandra Arancibia-Diaz, Carla L. Gutiérrez, Norma A.
4 Valdez-Cruz, Mauricio A. Trujillo-Roldán

5



6

7 **Supplementary Figure 1.** RT-PCR validation of axenic *Piscirickettsia salmonis* EM-90 cultures.
8 Representative single-sized amplicons of housekeeping genes are shown on a 2% agarose gel stained
9 with GelRed™. Lane 1: GeneRuler 100 bp Plus DNA ladder (Thermo Fisher Scientific); lane 2: *ITS* fragment
10 (Marshall et al., 1998); lane 3: *gyrB* fragment (Flores-Herrera et al., 2018); lanes 4–5: negative controls
11 (no template cDNA). The presence of the expected single bands and the absence of non-specific products
12 confirm strain identity and purity of the inocula used in shake flask experiments.