# Piscine Orthoreovirus-1 (PRV-1) Has Been Present in Chilean Salmon Aquaculture since at Least 1994

**Marco Rozas-Serri \*, Ricardo Ildefonso, Victoria Jaramillo, Estefanía Peñaloza, Camila Leiva, Soraya Barrientos, Darling Coñuecar, Lucerina Maldonado, Ariel Muñoz, Andrea Peña, Felipe Aranis and Carolina Senn**

Pathovet Labs SpA., Puerto Montt 5480000, Chile; ricardo.ildefonso@pathovet.cl (R.I.); victoria.jaramillo@pathovet.cl (V.J.); estefania.penaloza@pathovet.cl (E.P.); camila.leiva@pathovet.cl (C.L.); soraya.barrientos@pathovet.cl (S.B.); darling.conuecar@pathovet.cl (D.C.); lucerina.maldonado@pathovet.cl (L.M.); ariel.munoz@pathovet.cl (A.M.); andrea.pena@pathovet.cl (A.P.); felipe.aranis@pathovet.cl (F.A.); carolina.senn@pathovet.cl (C.S.)

\*  Correspondence: marco.rozas@pathovet.cl

**Table S1.** Results of hsCRC, IHC PRV, and RT-qPCR for PRV-1, PRV-2, PRV-3, ISAV, and *P. salmonis* in each FFPE sample analyzed (individual fish). Negative (−)

| ID# | Atrium — Cell degeneration | Atrium — Mononuclear cells infiltrate | Epicardium — Mononuclear cells infiltrate | Stratum compactum — Mononuclear cells infiltrate | Stratum compactum — Cell degeneration | Stratum sponsiosum — Mononuclear cells infiltrate | Stratum sponsiosum — Cell degeneration | Endocardium — Hyperplasia | Endocardium — Thrombosis | hsCRC | IHC PRV | PRV-1 | PRV-2 | PRV-3 | ISAV | P. salmonis |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0.13 | − | − | − | − | − | − |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | − | − | − | − | − | − |
| 3 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0.40 | − | − | − | − | − | − |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | − | − | − | − | − | − |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | − | − | − | − | − | − |
| 6 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0.32 | − | − | − | − | − | − |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | − | − | − | − | − | − |
| 8 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0.13 | − | − | − | − | − | − |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | − | − | − | − | − | − |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0.02 | − | − | − | − | − | − |
| 11 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0.27 | − | − | − | − | − | − |
| 12 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0.27 | − | − | − | − | − | − |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0.13 | − | − | − | − | − | − |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0.13 | − | − | − | − | − | − |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0.13 | − | − | − | − | − | − |
| 16 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0.40 | − | − | − | − | − | − |
| 17 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0.40 | − | − | − | − | − | − |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0.13 | − | − | − | − | − | − |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0.27 | − | − | − | − | − | − |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0.13 | − | − | − | − | − | − |
| 21 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0.27 | − | − | − | − | − | − |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0.15 | − | − | − | − | − | − |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0.28 | − | − | − | − | − | − |
| 24 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0.13 | − | − | − | − | − | − |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | − | − | − | − | − | − |

| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0.13 | – | – | – | – | – | – |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0.27 | – | – | – | – | – | – |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | – | – | – | – | – | – |
| 29 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0.40 | – | – | – | – | – | – |
| 30 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 1 | 0.47 | – | – | – | – | – | – |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | – | – | – | – | – | – |
| 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | – | – | – | – | – | – |
| 33 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0.13 | – | – | – | – | – | – |
| 34 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0.13 | – | – | – | – | – | – |
| 35 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0.27 | – | – | – | – | – | – |
| 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | – | – | – | – | – | – |
| 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | – | – | – | – | – | – |
| 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | – | – | – | – | – | – |
| 39 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0.13 | – | – | – | – | – | – |
| 40 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0.17 | – | Positive | – | – | – | – |
| 41 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0.27 | – | – | – | – | – | – |
| 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | – | – | – | – | – | – |
| Frequency (%) | 0.0% | 0.0% | 4.8% | 7.1% | 14.3% | 23.8% | 63.3% | 2.4% | 9.5% | 0.13 | 0.0% | 2.4% | 0.0% | 0.0% | 0.0% | 0.0% |