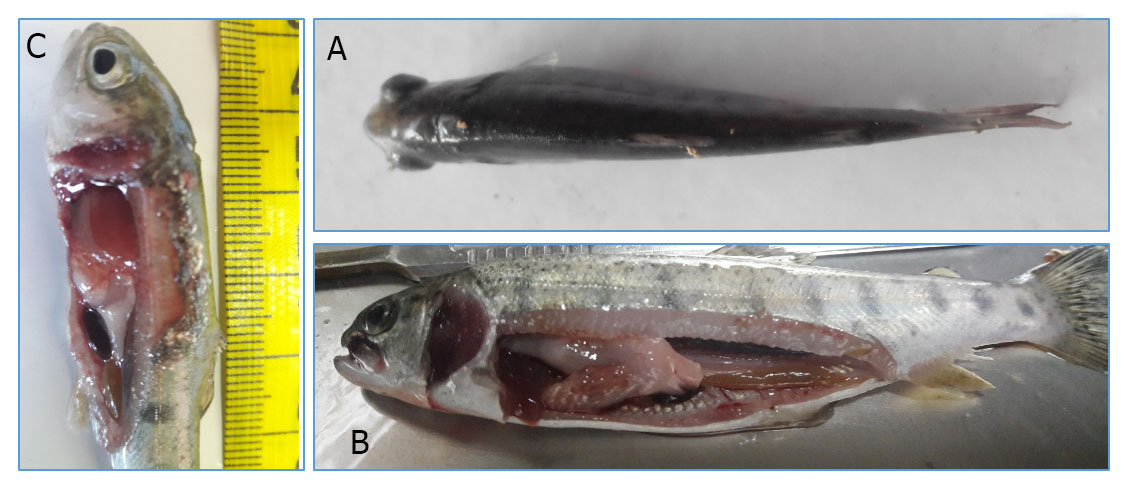
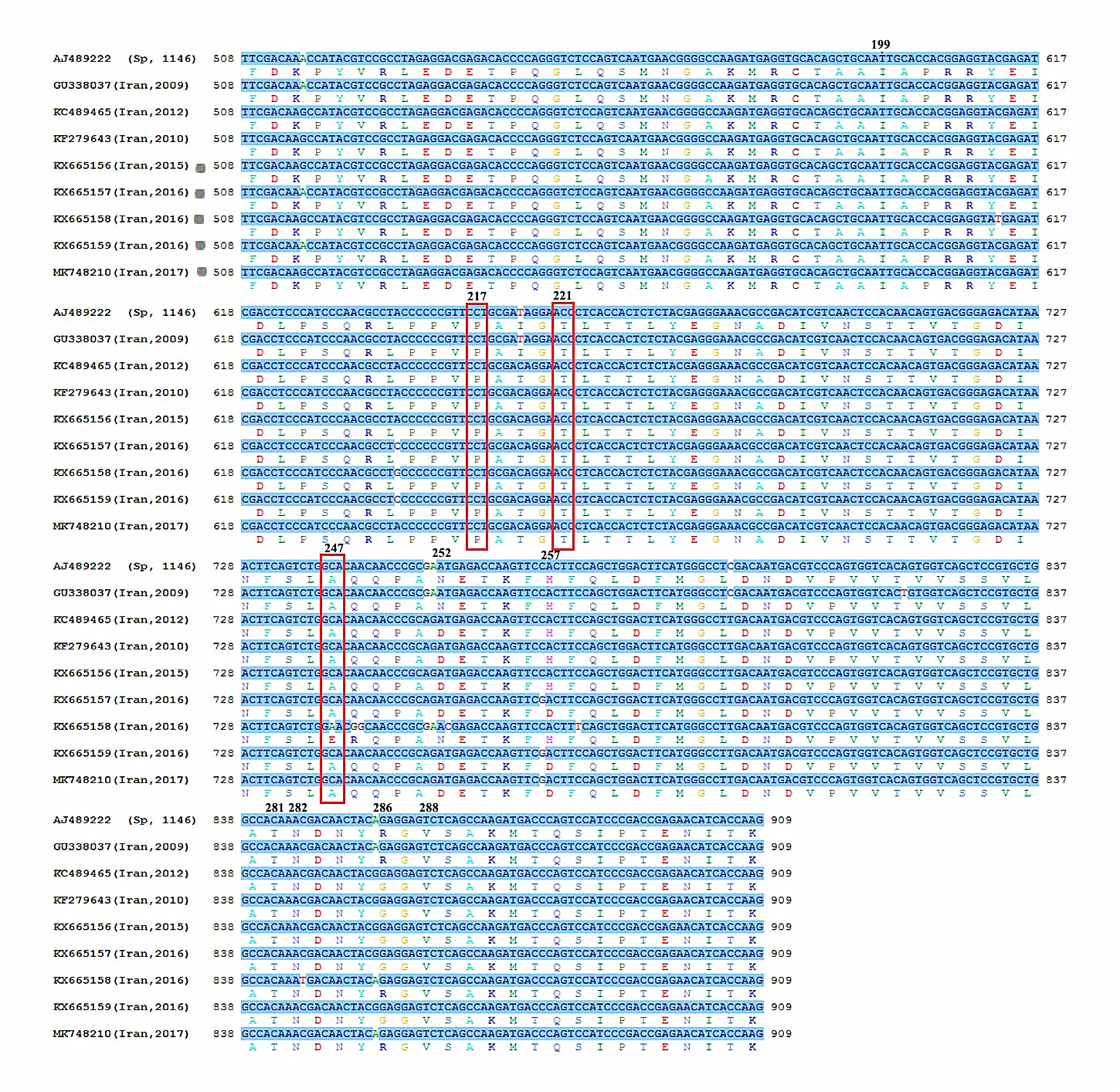
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**Supplementary Fig.1.** Gross lesions in the infected rainbow trout with infectious pancreatic necrosis virus. Lesions included darkening of the skin and exophthalmia (A); Yellowish fluid in the intestine (B & C). Pale gills, and enlarged spleen (C).

** Supplementary Fig.2.** Multiple sequence alignment Iranian isolates of IPNV detected in farmed trout (*O.mykiss*) based on the partial (405bp) nucleotide sequences of VP2 gene. Nucleotide sequences were aligned using the Geneious Prime and BioEdit Software. The residues at positions 217, 221, and 247 in VP2 involved in IPNV virulence (Red rectangular). The Iranian isolate of IPNV detected in this study (Acc No. KX665156-9 and MK748210; Marked by ■) showed P217T221A247 and P217T221E247 (KX665158) motifs.