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Subject: More results for orthomyxo primers
Date: January-01-01 12:00:00 AM
Attachments: [Creative Salmon ISA Test Results.xls](#)
[Request 8_BCwt_ISAV Prevalence in 1980's.xls](#)

We have employed the same orthomyxo primers used on the liver and gill tissue in sockeye salmon smolts on liver/gill tissue from Creative salmon and on livers from sockeye salmon in our stock ID archives dating back as far as 1986. Both datasets showed PCR positives for multiple of these primers. We have a substantial number of PCR positives from the late 1980's, suggesting that what we are picking up has been in BC for at least 25 years. Moreover, the variability in positives among primer sets is similar to what we are observing in present day sockeye salmon, potentially suggesting that these sequences were likely divergent even 25 years ago.

I am enclosing the files with this information. Sonya Saksida, a vet who is involved with our Creative Salmon project, reported the ISA PCR positives to CFIA yesterday. One of these positives was sequence confirmed for ISA-P7.

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