



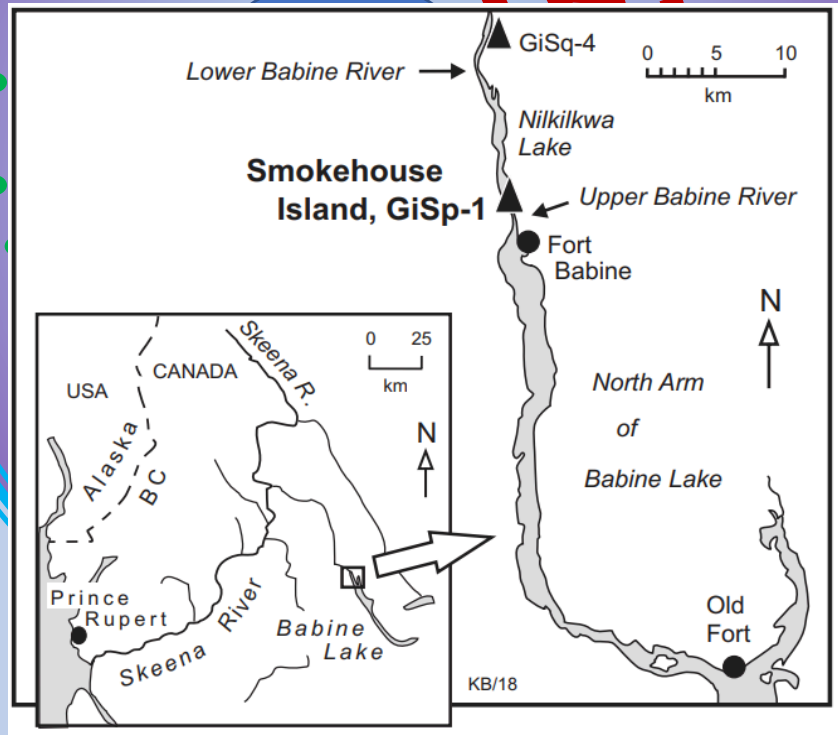
# Ancient DNA Identification of Salmon Remains

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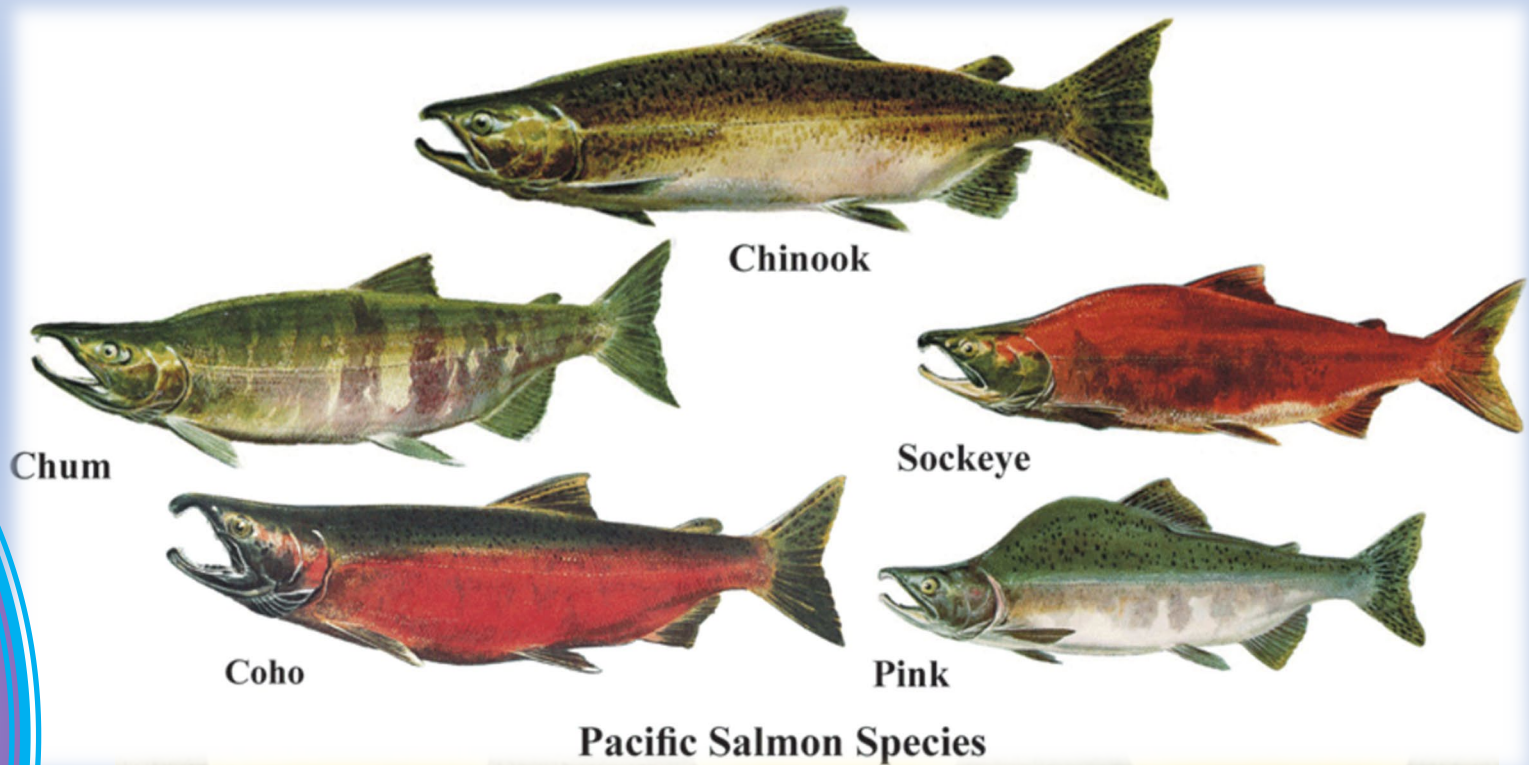
Simon Fraser University



# Background



From Rahemtulla, 2019 - Map by Kathrine Bernick, 2018.



Pacific Salmon Species

Image from: <https://noyocenter.org/marine-wildlife-blog/pacificsalmon> (Accessed 26 March 2024)



# Methods

- Sample Preparation
- Ancient DNA extraction
- Amplification using PCR
- Visualizing presence of DNA using Agarose Gel
- DNA Sequencing

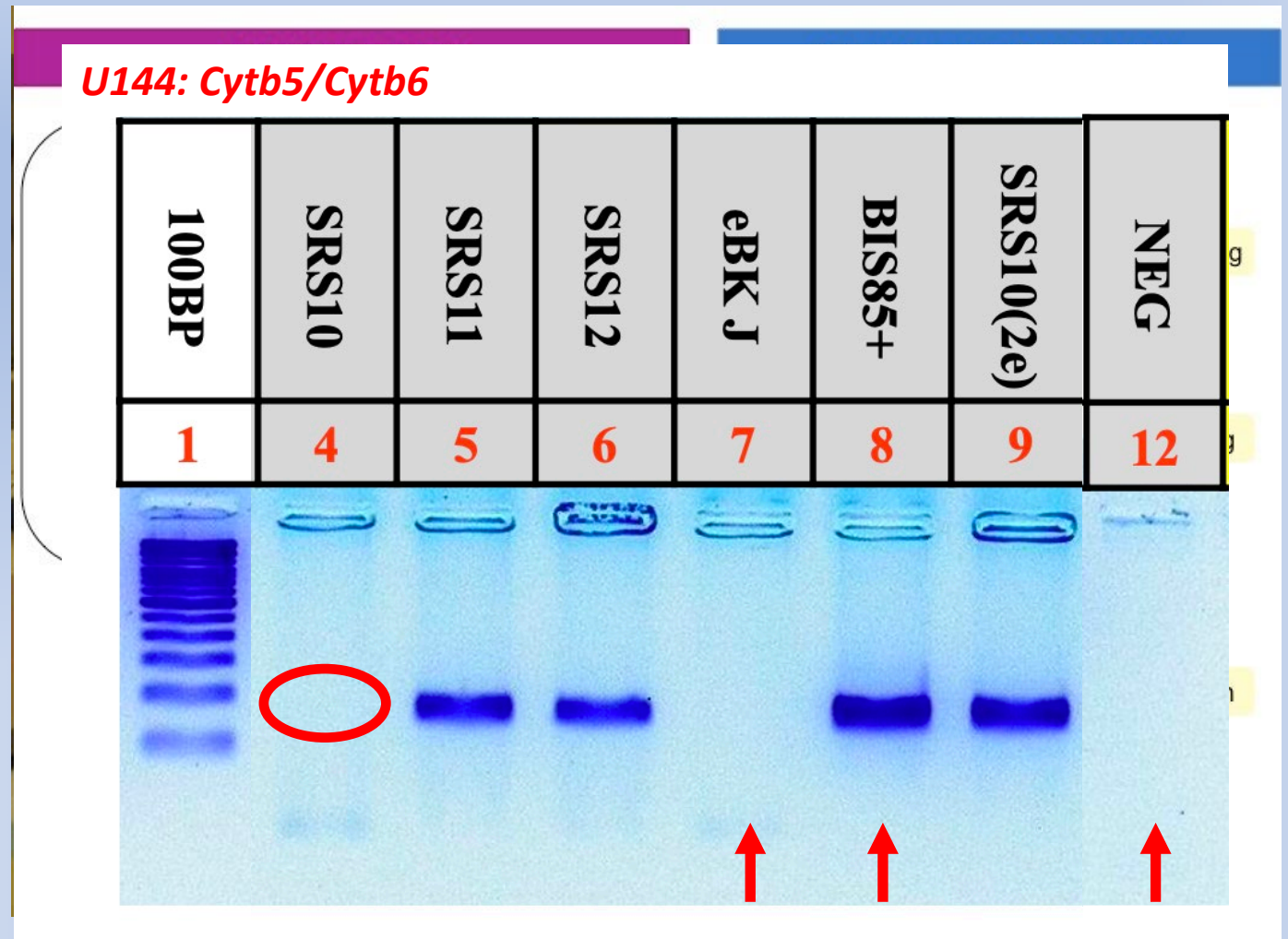


Image from: <https://old-ib.bioninja.com.au/standard-level/topic-3-genetics/35-genetic-modification-and/pcr.html> (Accessed 2 April 2024)





# Results/Conclusion

Sample Lab Code	Species ID Using Cytochrome b Sequence	Species ID Using D-Loop Sequence
SRS 10	Sockeye	Sockeye
SRS 11	Sockeye	Sockeye
SRS 12	Sockeye	Sockeye
SRS 16	Sockeye	N/A
SRS 17	Sockeye	N/A
SRS 18	Sockeye	N/A
SRS 19	Sockeye	N/A
SRS 20	Chinook	Chinook

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