



Dear Dr. Nicola Caroline James,

Thank you for the opportunity to submit a revised manuscript. Enclosed please find the revision and our responses to the reviewer comments. In response to the Journal Requirements the following changes were made:

We have reviewed the list of references. No references were removed, but additional references are included in the expanded portion of the introduction based on reviewer comments.

The following information regarding animal collection permitting and code availability has been added to the Methods section:

- “Animals were collected under ADFG permit P-16-011 and subsequently held under P-17-023.”
- “Code and analysis files used in this study are available in the accompanying repository [https://github.com/laurahspencer/red-king\\_RNASeq-2022](https://github.com/laurahspencer/red-king_RNASeq-2022) (<https://doi.org/10.5281/zenodo.10547911>).”

Thank you for the expeditious and thorough review process, and for accommodating our deadline extension request!

Regards,

A handwritten signature in black ink, consisting of a stylized 'L' and 'S' followed by a long horizontal line.

Laura H Spencer  
Alaska Fisheries Science Center, NOAA Fisheries, Seattle, WA