Characterization of the complete mitochondrial genome of Cassin’s auklet, Ptychoramphus aleuticus

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ABSTRACT
In this study, the complete mitochondrial genome of Cassin’s auklet, Ptychoramphus aleuticus, was determined using Illumina sequencing. The complete mitochondrial genome of P. aleuticus was 16,524 bp in length and encoded 13 protein-coding genes, 22 transfer RNA (tRNA) genes, and 2 ribosomal RNA genes. The overall nucleotide composition is: 30.8% A, 24.4% T, 30.6% C, and 14.2% G, with a total G + C content of 44.8%. By phylogenetic analysis using ML method, P. aleuticus clustered with two Synthliboramphus species that belong to Alcidae.
values beyond 90%. By phylogenetic analysis using ML method, *P. aleuticuss* clustered with two *Synthliboramphus* species that belong to Alcidae.

**Disclosure statement**

The authors report no conflicts of interest. The authors alone are responsible for the content and writing of the paper.

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