

Peer Review

Review of: "High-Quality Genome Assembly of the Endemic, Threatened White-Bellied Sholakili Sholicola albiventris (Muscicapidae: Blanford, 1868) From the Shola Sky Islands, India"

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High-quality genome assembly of the endemic threatened White-bellied Sholakili Sholicola albiventris (Muscicapidae: Blanford, 1868) from the Shola Sky Islands, India.

A scaffold-level genome assembly of the White-bellied Sholakili (Sholicola albiventris) was obtained using the Oxford Nanopore and Illumina sequencing platforms, and genome annotation and analysis were performed. The assembly yielded a genome of 1.083 Gb, with a scaffold N50 of 68.64 Mb and a BUSCOs value of 99.9%. The ultraconserved element (UCE) loci (4887), complete mitochondrial genome (16771 bp), and repeat element (11.82%) were annotated.

The main comments:

1. Records of JBDGPF000000000, JBDGPF010000000, PRJNA1096119, SRR28564530, and SRR28558515 were not found in the GenBank database.
2. The genome assembly sequence of Sholicola albiventris was not submitted to a public database, limiting the available Passeriformes genome resources.
3. The mitochondrial genome sequence of Sholicola albiventris was not submitted to GenBank.
4. Add the software parameters to the 'Methods' section, and include the version number of the software, such as BUSCO.
5. The library construction and sequencing procedures were not included.
6. Is there a permit number for sampling in this study?
7. Increase the resolution ratio of Figure 2.

8. The genome assembly comparison data in Table S1 are mainly from 2019, adding newly published avian species. The genome data are concentrated on Passeriformes species, not Galliformes and other orders.

Declarations

Potential competing interests: No potential competing interests to declare.