

## Reviewer Report

**Title: An improved ovine reference genome assembly to facilitate in depth functional annotation of the sheep genome**

**Version: Original Submission**    **Date: 10/10/2021**

**Reviewer name: Elizabeth Ross**

### Reviewer Comments to Author:

This paper is of high importance and will be well cited as people use the resource it is reporting on. It is well written and easy to read.

A mention of the genome length and NG50 (in addition to N50) in the abstract would be useful.

The authors might like to add the species name as a keyword (completely optional)

If not already done, the mito genome should have the start position matched to the older version. If this is already done then add it to the methods.

I think Figure 3B should be a table not a figure part. Also Figure 5A.

### Level of Interest

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### Quality of Written English

Please indicate the quality of language in the manuscript: Choose an item.

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