

# *Ovis aries* Zulu Sheep



Decoding  
South Africa's  
Biodiversity



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## **Phylum: Chordata**

Estimated genome size:

2.64 million DNA base pairs (2.64 Gigabases)

Organism size:

80-120 cm

## **Distribution:**

Majority of Zulu sheep are kept by rural farmers in the Kwa-Zulu Natal province of South Africa as a source for income and affordable protein.

## **Importance:**

Zulu Sheep developed unique and specific adaptive traits to local Southern African environments including tolerance to hot and humid conditions, tolerance to local internal and external parasites, endurance, and is immune to most local disease.

## **PromethION Sequencing Report:**

Output: 60.89 Gigabases

Approximate N50: 12.1 kilobases

## **Draft Genome Assembly Statistics:**

Genome length: 2.64 Gigabases

BUSCO completeness score (single and duplicated genes): 98.8%

## **Sample Contributor contact details**

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