

Raphicerus melanotis

Cape Grysbok



Decoding
South Africa's
Biodiversity



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Phylum: Chordata

Estimated genome size:

3.1 Billion DNA base pairs (3.1 Gigabases)

Organism size:

45 - 55 cm (height)

Distribution:

Western Cape and Eastern Cape provinces of South Africa.

Importance:

The Cape Grysbok is endemic to South Africa and near-endemic to the Cape Floristic Region. Very limited genetic data is available for Cape Grysbok. Its genome will provide information to adequately conserve this species by understanding how this dwarf antelope is adapted to its globally unique environment, and why it thrived while other ungulates went (nearly) extinct.

PromethION Sequencing Report:

Output: 33.71 Gigabases

Approximate N50: 3.39 kilobases

Draft Genome Assembly Statistics:

Genome length: 2612.14 Mb

BUSCO completeness score (single and duplicated genes): 96.5%

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