

Kneria auriculata Airbreathing shellear



Decoding
South Africa's
Biodiversity



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Phylum: Chordata

Estimated genome size:

114 Million DNA base pairs) 1,14 Gigabases

Organism size:

7 cm FL (female)

Distribution:

The airbreathing shellear occurs from the southern Democratic Republic of Congo to South Africa.

Importance:

This fish species is a potential aquarium species and is listed as Least Concern on IUCN Redlist. This is the first species in this genus to have its genome sequenced.

PromethION Sequencing Report:

Output: 24,4 Gigabases

Approximate N50: 5,8 kilobases

Draft Genome Assembly Statistics:

Genome length: 0,89 Gigabases

BUSCO completeness score (single and duplicated genes): 99,6%

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