

Cymatoceps nasutus Black musselcracker



Decoding
South Africa's
Biodiversity



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Phylum: Chordata

Estimated genome size:

782 Million DNA base pairs (0,782 Gigabases)

Organism size:

150 cm TL

Distribution:

The black musselcracker is endemic to South Africa and is found from Cape Agulhas, Western Cape to St. Lucia in KwaZulu-Natal.

Importance:

A premier angling fish in South Africa. It's slow growth, limited range and large body make it vulnerable to overexploitation. IUCN Red List conservation status Vulnerable.

P2Solo Sequencing Report:

Output: 52,3 Gigabases

Approximate N50: 12,3 kilobases

Draft Genome Assembly Statistics:

Genome length: 754.6 Mb

BUSCO completeness score (single and duplicated genes): 99,7%

Sample Contributor contact details

Gwynneth Matcher (SAIAB)

g.matcher@saiab.nrf.ac.za