

Lithognathus lithognathus White Steenbras



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Phylum: Chordata

Estimated genome size:

59 Million DNA base pairs (0,587 Gb Giga bases)

Organism size:

65 cm TL

Distribution:

Endemic to South Africa from the mouth of the Orange river through to KwaZulu-Natal. Adults inhabit inshore marine environments to 25 m depth, usually over sandy or mixed sand and rock shorelines. Juveniles have an obligatory estuarine-dependent nursery phase.

Importance:

An important recreational and subsistence food fish. Listed as Endangered on the IUCN Redlist.

P2Solo Sequencing Report:

Output: 85.8 Gigabases

Approximate N50: 6,39 kilobases

Draft Genome Assembly Statistics:

Genome length: 728,93 Mb

BUSCO completeness score (single and duplicated genes): 99,3%

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