

Perna perna Brown mussel



Decoding
South Africa's
Biodiversity



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Phylum: Mollusca

Estimated genome size:

675 Million DNA base pairs (0,675 Gigabases)

Organism size:

9 – 10 cm

Distribution:

Native to the western Indian Ocean (from the Bay of Bengal and the Red Sea to the tip of South Africa), and to the west coast of Africa at least as far north as the Congo

Importance:

The Brown mussel plays a major role as an ecosystem engineer; is an important human and wildlife food resource.

PromethION Sequencing Report:

Output: ~29 Gigabases

Approximate N50: 4,68 kilobases

Draft Genome Assembly Statistics:

Genome length: 0.9 Gigabases

BUSCO completeness score (single and duplicated genes): 95,7%

Sample Contributor contact details

Gwynneth Matcher (SAIAB)

g.matcher@saiab.nrf.ac.za