

IDENTIFICATION ENGINE: RESULTS

Results Summary 

Query ID	Best ID	Search DB	Tree	Top %	Graph	Low %
SDP331088-16 KX781932 SGS233_2016 Hyporhamphus australis COI-5P	<i>Hyporhamphus australis</i>	COI SPECIES DATABASE		100.00		87.56

Query: SDP331088-16|KX781932|SGS233_2016|Hyporhamphus australis|COI-5P
Top Hit: Chordata Actinopterygii - Beloniformes - *Hyporhamphus australis* (100%)

Search Result:

A species level match could not be made, the queried specimen is likely to be one of the following:

- Hyporhamphus australis*
- Hyporhamphus ihi*
- Hyporhamphus melanochir*
- Hyporhamphus regularis*
- Arrhamphus sclerolepis*

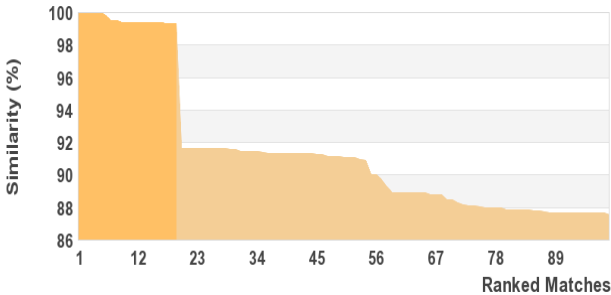
For a hierarchical placement - a neighbor-joining tree is provided:

TREE BASED IDENTIFICATION

Identification Summary

Similarity Scores of Top 99 Matches

Taxonomic Level	Taxon Assignment	Probability of Placement (%)
Phylum	Chordata	100
Class	Actinopterygii	100
Order	Beloniformes	100
Family	Hemiramphidae	100
Genus	<i>Hyporhamphus</i>	100



Display:

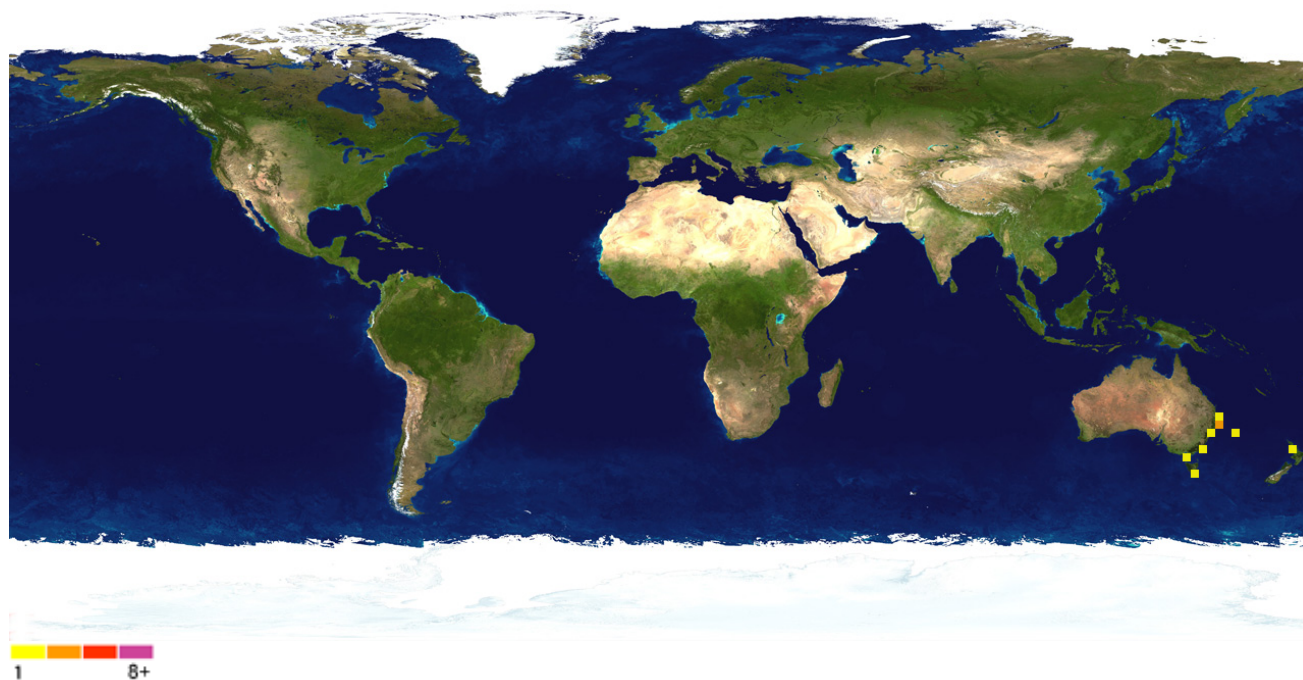
Top 20 ▼

Top 20 Matches

Phylum	Class	Order	Family	Genus	Species	Subspecies	Similarity (%)	S
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>australis</i>		100	P
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>australis</i>		100	P
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>australis</i>		100	P
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>australis</i>		100	P
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>australis</i>		100	E
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>australis</i>		99.84	P

Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>ih</i>	99.53	F
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>melanoich</i>	99.53	F
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>melanoich</i>	99.37	F
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>melanoich</i>	99.37	F
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>melanoich</i>	99.37	F
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>melanoich</i>	99.37	F
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>regularis</i>	99.37	E R
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>melanoich</i>	99.37	F
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>melanoich</i>	99.37	F
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Arrhamphus</i>	<i>sclerolepis</i>	99.37	F
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>melanoich</i>	99.35	F
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>melanoich</i>	99.34	F
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>melanoich</i>	99.33	F
Chordata	Actinopterygii	Beloniformes	Hemiramphidae	<i>Hyporhamphus</i>	<i>quoyi</i>	91.63	F

Sampling Sites For Top Hits (>98% Match)



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