

Identifikasi Ikan Genus *Mystus* Dengan Pendekatan Genetik

Title	Identifikasi Ikan Genus <i>Mystus</i> Dengan Pendekatan Genetik
Author Order	1 of 4
Accreditation	3
Abstract	The fish of the Bagridae Family in Indonesia reach until 60 species and one of them is from the genus <i>Mystus</i> . The method is used for fast and accurate species identification was needed. DNA barcoding was a new identification method with molecularly approach. The CO1 gene was amplified and PCR products were sequenced and analyzed using bioinformatics software. Editing of sequencing results and determining the nucleotide composition were analyzed with Mega5 software. The DNA sequence was aligned with ClustalW vers. 1.4. Sequences are compared with GenBank data using BLAST (Basic Local Alignment Search Tools) and BOLD Systems. Phylogenetic tree was made using Neighbor_Joining method. One example of the identification of fish from the confirmed <i>Mystus</i> genus is <i>Mystus nigriceps</i> being the <i>Mystus singaringan</i> .
Publisher Name	Fakultas Perikanan dan Ilmu Kelautan, Universitas Papua
Publish Date	2017-12-03
Publish Year	2017
Doi	DOI: 10.30862/jsai-fpik-unipa.2017.Vol.1.No.2.34
Citation	3
Source	Jurnal Sumberdaya Akuatik Indopasifik
Source Issue	Vol 1 No 2 (2017): November
Source Page	123-132
Url	https://ejournalfpikunipa.ac.id/index.php/JSai/article/view/34/15
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