

Dear Editor-in-Chief, Jurnal Riset Akuakultur

We are pleased to submit our original research manuscript entitled:

**“Screening of Probiotic Candidate Bacteria from the Digestive Tract of Lake Toba Nile Tilapia”**

for consideration to be published in **Jurnal Riset Akuakultur**

This manuscript has **not been published previously**, is **not under consideration elsewhere**, and all authors have approved the submission of this manuscript to your journal. There is **no conflict of interest** to declare.

This study aims to isolate and identify probiotic candidate bacteria from the digestive tract of tilapia cultivated in floating net cages in Lake Toba. The isolated bacteria were evaluated based on their amylolytic, proteolytic, and lipolytic enzyme activities. From seven isolates obtained, three bacterial genera with potential probiotic properties were successfully identified, namely *Staphylococcus*, *Micrococcus*, and *Streptococcus*.

The novelty of this research lies in its **isolation of native probiotic candidates directly from tilapia cultured in Lake Toba**, which increases the potential adaptive compatibility of probiotics when applied in aquaculture feed. The findings contribute to the development of environment-friendly strategies to reduce organic waste and improve feed efficiency in aquaculture systems.

We believe that the content of this manuscript aligns with the **focus and scope of [Nama Jurnal]**, particularly in the fields of aquaculture biotechnology, aquatic environmental management, and fish health improvement strategies.

We kindly request the manuscript to be considered for peer-review and publication.

Thank you very much for your time and consideration.

8 November 2025

Sincerely,

First/Corresponding Author

A handwritten signature in black ink, appearing to read 'Emmy', with a stylized flourish at the end.

[Emmy Syafitri]