

Title Detection of pathogenic *Vibrio parahaemolyticus* in southern Italian shellfish
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Abstract

This study provides data on the prevalence of pathogenic *Vibrio parahaemolyticus* in shellfish from some coastal areas in southern Italy. The approach involved isolating *V. parahaemolyticus* strains by cultural and biochemical analysis and molecular assays, which highlighted the presence of TDH-positive *V. parahaemolyticus*. The results confirmed the need for a specific shellfish inspection plan to detect the presence of *Vibrio* species in order to eliminate public health risks associated with shellfish consumption.