

عنوان مقاله:

VP24 and VP26 Gene polymorphism of White spot syndrome virus (WSSV) isolated from Shrimp by RFLP method

محل انتشار:

اولین کنفرانس ملی یافته های نوین زیست شناسی (سال: 1395)

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خلاصه مقاله:

White spot syndrome virus is one of the major pathogenic factors in cultured shrimps. The first entrance report for this virus in Iran was 2004 in Chouibdeh of Abadan, and 2008 in Govatr site of shrimp culturing in Chabahar. In this study, affected shrimps with this virus were collected and selected, then DNA was extracted, meanwhile RFLP method was recruited to evaluate polymorphism of VP24 and genes. The purpose of this test was evaluating of mutation positions in genes sequence of structural protein of VP24 and VP26, identification of available virus species in Iranian. To perform this experiment 200 sample of affected shrimps were selected during 2010-2013 for virus extraction then virus DNA of White spot syndrome virus was extracted. VP24 and VP26 gene was amplified by PCR and sequencing was performed. Obtained sequences were treated by Taq1 and Alu1 enzymes for polymorphism analysis. Finally the result showed sequences of the PCR, for the VP24 and VP26 genes in RFLP analysis had no polymorphism over the . above years and restriction sites of all samples were identical

کلمات کلیدی:

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