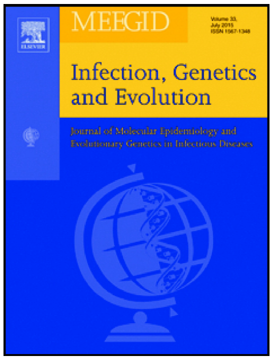

FVD: The fish-associated virus database

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FVD: the fish-associated virus database

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Abstract

With the expanding of marine and freshwater aquaculture, the outbreaks of aquatic animal diseases have increasingly become the major threats to the healthy development of aquaculture industries. Notably, viral infections lead to massive fish deaths and result in great economic loss every year across the world. Hence, it is meaningful to clarify the biodiversity, geographical distribution and host specificity of fish-associated viruses. In this study, viral sequences detected in fish samples were manually collected from public resources, along with the related metadata, such as sampling time, location, specimen type and fish species. Moreover, the information regarding the host fish, including aliases, diet type and geographic distribution were also integrated into a database (FVD). To date,