

Decapod iridescent virus 1 Positive Control information

Name of the Institute	OIE reference laboratory for viral haemorrhagic septicaemia (VHS) Aquatic Animal Quarantine (AAQ) Laboratory National Fishery Products Quality Management Service
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Type of DIV1 positive control	Chimeric plasmid DNA for conventional nested PCR of Qiu et al. (2017) method
Note	<p>I can provide two types [chimeric plasmid DNA or live E.coli (on the agar plate) including the chimeric plasmid DNA] for the PCR positive control. And, please check the techniques on the two papers how to develop the chimeric plasmid DNA for conventional nested-PCR. It was included a function to distinguish the false-positive reaction from contamination of PCR positive control DNA.</p> <p>[1. Hyoung Jun Kim (2012) Improved diagnosis of spring viremia of carp by nested reverse-transcription PCR: Development of a chimeric positive control for prevention of false-positive diagnosis. Journal of Virological methods.</p> <p>2. Hyoung Jun Kim & Se Ryun Kwon (2014) Development of a rapid method for identifying carryover contamination of positive control DNA, using a chimeric positive control and restriction enzyme for the diagnosis of white spot syndrome virus by nested PCR. Indian Journal of Microbiology.]</p> <p>Finally, I want to make an MTA for the chimeric positive control of DIV-1 nested PCR.</p>