

SUSCEPTIBILITY OF CRUSTACEAN SPECIES TO INFECTION WITH INFECTIOUS MYONECROSIS VIRUS

The following table shows the crustacean species assessed against the criteria for susceptibility to infection with infectious myonecrosis virus and the outcomes of the assessments. For details about the specific assessment please refer to the link included in the source column of the table.

Assessment Table Key:

N: Natural infection	Y: Demonstrates criterion is met	ND: Not determined
E: Experimental (non-invasive)	N: Criterion is not met	NS: Not scored
EI: Experimental invasive	I: Inconclusive	N/A: Not applicable

Scientific name	Common name	Stage 1: Route of transmission	Stage 2: Pathogen identification	Stage 3: Evidence of infection				Outcome	References	Source	Year of adoption
				A	B	C	D				
Assessed as a susceptible species and included in Article 9.6.2. of Chapter 9.6. of the <i>Aquatic Code</i>											
<i>Penaeus merguensis</i>	banana prawn	E (injection; immersion; per os)	RT-PCR	ISH	N	Y	Y	1	Gudkovs <i>et al.</i> , 2015	ad hoc Group report: October 2015	2017
<i>Penaeus esculentus</i>	brown tiger prawn	E (injection, immersion; per os)	RT-PCR	ISH	N	Y	Y	1	Gudkovs <i>et al.</i> , 2015;	ad hoc Group report: October 2015	2017
<i>Penaeus vannamei</i>	whiteleg shrimp	Natural, E (per os)	RT-PCR	ISH	Y	Y	Y	1	Senapin <i>et al.</i> , 2007; Tang <i>et al.</i> , 2005; Tauhid & Nur'aini, 2009	ad hoc Group report: October 2015	2017
Assessed as incomplete evidence and listed in Section 2.2.2. of Chapter 2.2.5. in the <i>Aquatic Manual</i>											
<i>Penaeus stylirostris</i>	blue shrimp	EI	RT-PCR	ISH	N	Y	Y	2	Tang <i>et al.</i> , 2005	ad hoc Group report: October 2015	2017
<i>Penaeus monodon</i>	giant tiger prawn	EI	RT-PCR	ISH	N	N	Y	2	Tang <i>et al.</i> , 2005	ad hoc Group report: October 2015	2017
Assessed as having PCR positive results but no active infection and listed in the second paragraph of Section 2.2.2. of Chapter 2.2.5. in the <i>Aquatic Manual</i>											
<i>Penaeus subtilis</i>	southern brown shrimp	E (per os)	RT-PCR	N	N	N	N	3	Coelho <i>et al.</i> , 2009	ad hoc Group report: October 2015	2017

Scientific name	Common name	Stage 1: Route of transmission	Stage 2: Pathogen identification	Stage 3: Evidence of infection				Outcome	References	Source	Year of adoption
				A	B	C	D				
Assessed as evidence of non-susceptibility (e.g. experimental invasive studies with no evidence of infection)											
none known											