

SUSCEPTIBILITY OF MOLLUSC SPECIES TO INFECTION WITH ABALONE HERPESVIRUS

The following table shows the mollusc species assessed against the criteria for susceptibility to infection with abalone herpesvirus 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	YES: Demonstrates criterion is met	ND: Not determined
E: Experimental (non-invasive)	NO: 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 11.1.2. of Chapter 11.1. of the <i>Aquatic Code</i>											
<i>Haliotis diversicolor</i>	small abalone	N and E and EI	Real-time PCR ORF 66	YES	YES	YES	YES	1	Bai <i>et al.</i> , 2019	ad hoc Group report: June 2021	2022
		N	Conventional PCR & sequencing	ND	ND	YES	YES	1	Chen <i>et al.</i> , 2012		
<i>Haliotis laevis</i>	greenlip abalone	E	Real-time PCR ORF49 and ORF 66	ND	ND	YES	YES	1	Corbeil <i>et al.</i> , 2016	ad hoc Group report: June 2021	2022
		N	NO	ND	NO	YES	YES	1	Hooper <i>et al.</i> , 2007		
<i>Haliotis rubra</i>	blacklip abalone	E	Real-time PCR ORF49 and ORF 66	ND	ND	YES	YES	1	Corbeil <i>et al.</i> , 2016	ad hoc Group report: June 2021	2022
		E	Real-time PCR ORF49	ND	YES	YES	YES	1	Crane <i>et al.</i> , 2013		
<i>Haliotis laevis</i> x <i>H. rubra</i>	hybrid (greenlip x blacklip)	E	Real-time PCR ORF49 and ISH ORF66	YES	ND	YES	YES	1	Corbeil <i>et al.</i> , 2012a	ad hoc Group report: June 2021	2022
		E	Real-time PCR ORF49	ND	YES	YES	YES	1	Dang <i>et al.</i> , 2013		

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 incomplete evidence and listed in Section 2.2.2. of Chapter 2.4.1. in the <i>Aquatic Manual</i>											
none known											
Assessed as having PCR positive results but no active infection and listed in the second paragraph of Section 2.2.2. of Chapter 2.4.1. in the <i>Aquatic Manual</i>											
<i>Haliotis discus</i>	Japanese abalone	N	Real-time PCR ORF49	ND	ND	ND	ND	3	Gu <i>et al.</i> , 2019	ad hoc Group report: June 2021	2022
		N and E and EI	NO	ND	ND	NO	NO	4	Bai <i>et al.</i> , 2019		
<i>Haliotis iris</i>	rainbow abalone	E	Real-time PCR ORF66 and ISH ORF66	ND	ND	YES	YES	1	Corbeil <i>et al.</i> , 2017	ad hoc Group report: June 2021	2022
		E	Real-time PCR ORF66	NO	ND	NO	NO	4	Neave <i>et al.</i> , 2019		
Assessed as evidence of non-susceptibility (e.g. experimental invasive studies with no evidence of infection)											
none known											