

Corrigendum

New yellow head virus genotype (YHV7) in giant tiger shrimp *Penaeus monodon* indigenous to northern Australia

Peter G. Mohr*, Nicholas J. G. Moody, John Hoad, Lynette M. Williams, Rachel O. Bowater, David M. Cummins, Jeff A. Cowley, Mark StJ. Crane

Dis Aquat Org 115: 263–268, 2015

*Email: peter.mohr@csiro.au

- In Table 1 the thermal cycling conditions given for the OIE YHV Protocol 3 nPCR assay were incorrect. The corrected table with its legend is given here (corrected data are shown in red).

Table 1. Molecular assays, primers and thermal cycling conditions used in this study. ORF1b region numbering based on the yellow head virus 1 (YHV1) genome, EU487200.1

PCR Assay	Primer	Sequence (5'–3')	Thermal cycling conditions			Amplicon size (bp)	ORF1b region	Reference
			No.	Temp.	Time			
OIE YHV Protocol 1								
RT-PCR	10F	CCGCTAATTTCAAAACTACG	1×	50°C	30 min	135	13830–13964	Wongteerasupaya et al. (1997)
	144R	AAGGTGTTATGTCGAGGAAGT		94°C	2 min			
			40×	94°C	30 s			
				58°C	45 s			
				68°C	45 s			
			1×	68°C	7 min			
OIE YHV Protocol 2								
RT-PCR	GY1	GACATCACTCCAGACAACATCTG	1×	50°C	30 min	794	12848–13641	Cowley et al. (2004)
	GY4	GTGAAGTCCATGTGTGTGAGACG		95°C	2 min			
			35×	95°C	30 s			
				66°C	30 s			
				68°C	45 s			
			1×	68°C	7 min			
GAV nPCR	GY2	CATCTGTCCAGAAGGCGTCTATGA	1×	95°C	15 min	406	12865–13270	Cowley et al. (2004)
	G6	GTAGTAGAGACGAGTGACACCTAT		35×	95°C			
				66°C	30 s			
				72°C	45 s			
			1×	72°C	7 min			
YHV1 nPCR	GY2	As above	As per OIE YHV Protocol 2 GAV nPCR			277	12865–13141	Cowley et al. (2004)
	Y3	ACGCTCTGTGACAAGCATGAAGTT						
OIE YHV Protocol 3								
RT-PCR	YC-F1a	ATCGTCGTCAGCTACCGCAATACTGC	1×	50°C	55 min	359	17441–17799	Wijegoonawardane et al. (2008b)
	YC-F1b	ATCGTCGTCAGYTA YCGTAACACCGC		95°C	2 min			
	YC-R1a	TCTTCRCGTGTGAACACYTTCTTRGC	35×	94°C	45 s			
	YC-R1b	TCTGCGTGGGTGAACACCTTCTTGCC		60°C	45 s			
				68°C	45 s			
			1×	68°C	7 min			
nPCR	YC-F2a	CGCTTCCAATGTATCTGYATGCACCA	1×	95°C	15 min	147	17513–17659	Wijegoonawardane et al. (2008b)
	YC-F2b	CGCTTYCARTGTATCTGCATGCACCA		35×	94°C			
	YC-R2a	RTCDGTGTACATGTTTGAGAGTTTGTT		60°C	45 s			
	YC-R2b	GTCAGTGTACATATTGGAGAGTTTTRTT		72°C	45 s			
			1×	72°C	7 min			
YH30m/31m								
RT-PCR	YH30-F1m	TACCAAYTCAAACATCATYAAYAAAYCAYCA	1×	50°C	30 min	1001	17084–18084	Modified from Wijegoonawardane et al. (2008a)
	YH30-R1m	GAGATGATYTGRTKCTTAAAYTTCTGAAA		94°C	2 min			
			35×	94°C	45 s			
				55°C	45 s			
				68°C	60 s			
			1×	68°C	7 min			
nPCR	YH31-F2m	CTCARATCCATGCMATYTTGGGARTCHTC	1×	95°C	15 min	721	17277–17997	Modified from Wijegoonawardane et al. (2008a)
	YH31-R2m	AGT TTG GCR CGR ATR TTR GTR AGR AT		35×	94°C			
				55°C	45 s			
				72°C	60 s			
			1×	72°C	7 min			