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Characterization, localization and temporal expression of crustacean hyperglycemic hormone (CHH) in the behaviorally rhythmic peracarid crustaceans, Eurydice pulchra (Leach) and Talitrus saltator (Montagu)

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Published in:

General and Comparative Endocrinology

DOI:

[10.1016/j.ygcen.2016.07.024](https://doi.org/10.1016/j.ygcen.2016.07.024)

Publication date:

2016

Citation for published version (APA):

Hoelters, L. S., O'Grady, J. F., Webster, S. G., & Wilcockson, D. (2016). Characterization, localization and temporal expression of crustacean hyperglycemic hormone (CHH) in the behaviorally rhythmic peracarid crustaceans, *Eurydice pulchra* (Leach) and *Talitrus saltator* (Montagu). *General and Comparative Endocrinology*, 237, 43-52. <https://doi.org/10.1016/j.ygcen.2016.07.024>

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Table S1

Primer and probe sequences used for *Eurydice pulchra* and *Talitrus saltator* CHH cDNA sequencing and expression analysis.

Method	Oligonucleotide name	Sequence
<i>Eurydice</i> CHH 3' RACE PCR	Echh Degen 3' RACE	GYNTGYGARGAYTGYTAYAA
	GeneRacer 3'	GCTGTCAACGATACGCTACGTAACG
	Generacer 3' N	CGCTACGTAACGGCATGACAGTG
<i>Eurydice</i> CHH 5' RACE PCR	Echh 5' RACE	ATGCATCATAAGGTCACGGAGACAAC
	Echh 5' RACE N	CGGAGACAACCTTTCGAAGACCTCAG
	GeneRacer 5'	CGACTGGAGCACGAGGACACTGA
<i>Eurydice</i> CHH qRT-PCR	GeneRacer 5' Nest	GGCACTGACATGGACTGAAGGAGTA
	Echh STD T7 F'	T7-TGGAACCTTCTACACTGGACA
	Echh STD T7 R'	T7-GCCATTGACTCTGGAGTGGT
	Echh Taqman F'	GCGTTTGGGAGGACTGTTACA
	Echh Taqman R'	TCCTGCATTTCAGTAGCAACGA
	Echh Taqman probe	6-FAM-CCTCTACAGAAAGCC
	Erpl32 STD T7 F'	T7-CTGCGGAGAAATCGCACAT
	Erpl32 STD T7 R'	T7-TTTGCTCTTTCCACGATCGA
	Erpl32 Taqman F'	CTGCGGAGAAATCGCACAT
	Erpl32 Taqman R'	TTTGCTCTTTCCACGATCGA
<i>Eurydice</i> <i>In situ</i> hybridization	Erpl32 Taqman probe	6-FAM-CGTTTCTTCCAAAAAG
	Echh DIGT7 F'	T7-TGACGCAAGCTGTAAAGGAA
	Echh DIG T7 R'	T7-GCCATTGACTCTGGAGTGGT
	Echh DIG F'	TGACGCAAGCTGTAAAGGAA
<i>Talitrus</i> RT-PCR	Echh DIG R'	GCCATTGACTCTGGAGTGGT
	Talchh F'	CTCCCTTCTCTCCACTGACCT
	TalCHH R'	GGACTCACTGACGAAGTTTGG
<i>Talitrus</i> RACE 3' PCR	Talchh 3' RACE	GCACTTTCGTCTGTGTGCCGCTGGG
	Talchh 3' RACE N1	ACCAGGACAAGCTTCTCGTCTCTGGCCA
	Talchh 3' RACE N2	CTGGGCCTTGTACGAACTACCAGGAC
<i>Talitrus</i> 5' RACE	Talchh 5' RACE	GGGCCTTCCGAGGTCAGTGGA
	Talchh 5' RACE N	TGTTGGCCAGCAGACGGGAGA
<i>Talitrus</i> qRT-PCR	Talchh Taqman F'	GCTACAGCAACCGGATGTTT
	Talchh Taqman R'	TTTCAGCGTACTTGTCGACCAT
	Talchh Taqman probe	6-FAM-CTGCCCTTACGACCTTATGCTGCACGA
	Talchh STD T7 F'	T7-CTCCCTTCTCTCCACTGACCT
	Talchh STD T7 R'	T7-GGACTCACTGACGAAGTTTGG
	TalAK STD F'	TATTTGGGGGCACAATTTGA
TalAK STD R'	T7-CCAAGGCCAGTTTCTTGTC	

	TalAK Taqman F'	TCGAGGAACGGCTGTCCTT
	TalAK Taqman R'	AGCAGCGTCAACCATTTTGTT
	TalAK Taqman probe	NED-CCTGAGCCAAGACAG
<i>Talitrus In situ hybridization</i>	Talchh DIG T7 F'	T7-CTCCCTTCTCTCCACTGACCT
	Talchh DIG T7 R'	T7-GGACTCACTGACGAAGTTTGG
	TalCHH DIG F'	CTCCCTTCTCTCCACTGACCT
	Talchh DIG R'	GGACTCACTGACGAAGTTTGG
<i>Talitrus CHH full-length confirmation</i>	Talchh Full 1F'	TTCACGCTTCCCTTTACCAC
	Talchh Full 1R'	CCCACAATCTGGACCATTTC
	Talchh full 3F'	CCAGATTGTGGGCAAGAAAT
	Talchh full 3R'	GGCTGCTAGGGGTTTCATTTT

T7 sequence TAATACGACTCACTATAGGGAGA