Volume 69, May 2011

Hu MY, Tseng YC, Stumpp M, Gutowska MA, Kiko R, Lucassen M, Melzner F. Elevated seawater P_{CO_2} differentially affects branchial acid-base transporters over the course of development in the cephalopod *Sepia officinalis*. *Am J Physiol Regul Integr Comp Physiol* 300: R1100–R1114, 2011. First published February 9, 2011; doi:10.1152/ajpregu.00653.2010 (http://ajpregu.physiology.org/content/300/5/R1100).

Bankit numbers were listed in the text and Table 2 rather than GenBank accession numbers. In MATERIALS AND METHODS, section *Cloning of soNKA, soNBCe, soNDCBE, socCAII, and soV-AH Fragments*, the GenBank accession numbers are *NBC* (HM157263), *NDCBE* (HM157264), *CAII* (HM157265), and *VHA* (HM640218.1).

The following Table 2 lists the correct GenBank accession numbers for all genes.

Table 2. *Primer sequences used for qRT-PCR*

Gene Name	Abbreviation	Function	Acc. No.	Primer Sequence 5′-3′ (forward and reverse)	Amplicon Length
		Test Genes			
Na/K-ATPase	*NKA*	Electro/chemical gradient	GQ153672.1	CTGTCCTGAAAAGGGAATGCA TTTCCAATAGAAAGCTCAACACATTT	76
Na/HCO_3 cotransporter	*NBC*	Secondary active ion-transport	HM157263	GGAAGAATGCATGAAAGACACAAT TCGCTTCATGTGTTGATGGAA	70
Na-driven CI/HCO_3 exchanger	*NDCBE*	Secondary active ion-transport	HM157264	AGGAGCTGAATCCGCCAAT AGCCGGTAGCTTGGTGGTT	65
Carbonic anhydrase	*CA*	Bicarbonate formation	HM157265	ACCTTTAGCCATCCGCTGAA TCCGTTGTTGGTGACTTCCA	66
ATP-synthase	*ATP-Synth*	Electron transport chain	HM157266	GGAGAGAGCTGCCAAGATGAA CCTGGGTCTCGATGACTGGTA	74
Cytochrome p450	*CYP 450*	Xenobiotic defense	HM157268	CCGGCGGTGCCAGTTA TGCGGGAATTTTGTAATCATCA	69
Cytochrome-c oxydase	*COX*	Electron transport chain	YP514795	TCCTCCTCCGCAGTTGAAAG GCCCGCATGTGATAAGTTACTAGA	81
Octopine dehydrogenase	*ODH*	Anaerobic metabolism	AY545135	GCCGAGTCAACCCGGTTT CGCTGGTTCGACCTCCAA	65
		Reference Genes			
Cleavage and polyadenylation specificity factor	*CPSF*	mRNA polyadenylation	HM157279	CACACCAGCCCATGAAAAGA GGTGGTGTTGGCGAGTATGC	68
Ubiquitin-conjugated enzyme	*UBC*	Protein degradation	HM157280	CAATAATACCGTGAAAGTGGCAGAT TTTCCTGAGCTTCATATATTTCATCAG	74