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Mammal	Forward	Reverse
West Indian	5'-CCA ACT GCA AGA ATT CAT	5'-GGA ATT TGC GGC CGC TTA
manatee	GAA CCC TTG GGG GCC-3'	GGC AGG CGC CAC TTG-3'
Bowhead	5'-CCG GAA TTC ATG AAC TCA	5'-TTT TCC TTT TGC GGC CGC
whale	CCT TTG GGG ACC GGA-3'	TTA AGC TGG TGC AAC-3'
	5'-CAG GGC TCA GGC TGC TGC	5'-CAC CTC RCT CTC NGA GCC
Other	CT-3'	CAG G-3'
cetaceans	5'- GTG GTG TCA GTA ACT	5'- TCC CTG GGC TCT GAG
	CAG CA -3'	AGC GA-3'

**S1 Table. Oligonucleotide primers for PCR.** Forward and reverse primers for PCR amplification of full-length bowhead whale Opn4 and partial coding domain for other cetacean Opn4 sequences including North Atlantic right whale, bottlenose dolphin and harbor porpoise.