

Supplementary file

Supplementary table 1

Reference	Species	Method	Sampling region
Andruszkiewicz et al. 2020	humpback whale (<i>Megaptera novaeangliae</i>)	qPCR	Northeast Pacific
Baker et al. 2018	killer whale (<i>Orcinus orca</i>)	ddPCR	Puget Sound
Closek et al. 2020	multispecies	metabarcoding	Central California
Djuurhus et al. 2020	multispecies	metabarcoding	Monterey Bay
Foote et al. 2012	harbour porpoise (<i>Phocoena phocoena</i>)	qPCR, cloning and Sanger amplicon sequencing	Denmark
Hunter et al. 2018	African, Amazonian, West Indian manatee (<i>Trichechus senegalensis</i> , <i>Trichechus inunguis</i> , <i>Trichechus manatus</i>)	ddPCR, qPCR	Florida, Cuba, Cameroon
Juhel et al. 2021	multispecies	metabarcoding	Colombia
Lozano Mojica and Caballero 2021	Antillean manatee (<i>Trichetus manatus</i>)	metabarcoding	Colombia
Ma et al. 2016	Yangtze finless porpoise (<i>Neophocaena asiaorientalis</i>)	Sanger/amplicon sequencing	Yangtze river
Madduppa et al. 2021	Irrawaddy dolphin (<i>Orcaella brevirostris</i>)	metabarcoding	Indonesia
Mojica et al. 2021	Antillean manatee (<i>Trichetus manatus manatus</i>)	metabarcoding	Colombia
Parsons et al. 2018	harbour porpoise (<i>Phocoena phocoena</i>)	amplicon sequencing	Southeast Alaska
Pinfield et al. 2019	killer whale (<i>Orcinus orca</i>)	qPCR	Iceland

Qu and Stewart 2019	Yangtze finless porpoise (<i>Neophocaena asiaeorientalis</i>)	qPCR	Yangtze river
Saenz-Agudelo et al. 2021	South American sea lion (<i>Otaria flavescens</i>)	metabarcoding	Chile
Sevellec et al. 2020	multispecies	metabarcoding	Canadian Arctic
Stewart et al. 2018	Yangtze finless porpoise (<i>Neophocaena asiaeorientalis</i>)	qPCR	Yangtze river
Stoeckle et al. 2018	bottlenose dolphin (<i>Tursiops truncatus</i>)	metabarcoding	New York Bight
Székely et al. 2021	bowhead whale (<i>Balaena mysticetus</i>)	qPCR, Sanger sequencing	Disko Bay
Tang et al. 2019	Yangtze finless porpoise (<i>Neophocaena asiaeorientalis</i>)	qPCR	Yangtze river
Valsecchi et al. 2021	multispecies	metabarcoding	Mediterranean
Valsecchi et al. 2022	Mediterranean monk seal (<i>Monachus monachus</i>)	qPCR	Mediterranean and Madeira
Zhang et al. 2020	multispecies	metabarcoding	Black Sea