

Table S1

Cetartiodactyla Taxa	Retinal Opsin Gene		
	<i>SWS1</i>	<i>LWS</i>	<i>RHI</i>
Balaenidae			
<i>Eubalaena australis</i> (southern right whale)	*	*	
<i>Eubalaena glacialis</i> (North Atlantic right whale)			JQ730751
<i>Balaena mysticetus</i> (bowhead whale)	*	*	*
Neobalaenidae			
<i>Caperea marginata</i> (pygmy right whale)	*	*	*
Eschrichtiidae			
<i>Eschrichtius robustus</i> (grey whale)	*	*	*
Balaenopteridae			
<i>Balaenoptera acutorostrata</i> (common minke whale)	*	*	*
<i>Balaenoptera physalus</i> (fin whale)	*	*	*
<i>Balaenoptera musculus</i> (blue whale)	*	*	*
<i>Megaptera novaeangliae</i> (humpback whale)	AY228440	*	*
Delphinidae			
<i>Globicephala melas</i> (long-finned pilot whale)	AY228442	AY228446	AF055315
<i>Tursiops truncatus</i> (common bottlenose dolphin)	Ensembl 58	AF055457	AF055456
<i>Delphinus delphis</i> (short-beaked common dolphin)		AY228451	AF055314
Monodontidae			
<i>Delphinapterus leucas</i> Z35275 (beluga)	*	*	*
<i>Delphinapterus leucas</i> SWFSC Z13343 (beluga)	*		
<i>Delphinapterus leucas</i> NYSZ 14 (beluga)	*		
<i>Delphinapterus leucas</i> NYSZ 39 (beluga)	*		
<i>Monodon monoceros</i> (narwhal)	*		
Phocoenidae			
<i>Phocoena phocoena</i> (harbor porpoise)	*	AY228450	*
<i>Neophocaena phocaenoides</i> (finless porpoise)	*	*	*
<i>Phocoenoides dalli</i> (Dall's porpoise)	*	*	*
Iniidae			
<i>Inia geoffrensis</i> (Amazon River dolphin)	*	*	*
Pontoporiidae			
<i>Pontoporia blainvillei</i> (La Plata dolphin)	*	*	*
Platanistidae			
<i>Platanista minor</i> (Indus River dolphin)	*	*	*
Physeteridae			
<i>Physeter macrocephalus</i> (giant sperm whale)	*	*	*
Kogiidae			
<i>Kogia breviceps</i> (pygmy sperm whale)	*	*	*
Ziphiidae			
<i>Mesoplodon bidens</i> (Sowerby's beaked whale)	*	*	AF055316
<i>Mesoplodon densirostris</i> (Blainville's beaked whale)	AY228441		
<i>Berardius bairdii</i> (Baird's beaked whale)	*	*	*
<i>Tasmacetus shepherdi</i> (Shepherd's beaked whale)	*	*	*
<i>Ziphius cavirostris</i> (Cuvier's beaked whale)	*	*	*
Hippopotamidae			
<i>Hippopotamus amphibius</i> (hippopotamus)	*	*	*
Cervidae			
<i>Cervus nippon</i> (sika deer)	*		
<i>Odocoileus virginianus</i> (white-tailed deer)		AF132041	

Bovidae			
<i>Bos taurus</i> (cow)	Ensembl 58	NM_174566	NM_001014890
<i>Ovis aries</i> (sheep)		PreEnsembl	PreEnsembl
Suidae			
<i>Sus scrofa</i> (domestic pig)	Ensembl 58	NM_001011506	NM_214221
Camelidae			
<i>Vicugna pacos</i> (alpaca)	Ensembl 58		Ensembl 66
