



Figure SB. An example of resampled curves on cetacean skulls. Related to STAR Methods.

Curves shown on a dolichocephalic specimen (top: *Schizodelphis morckhoviensis* USNM 13873) and a brachycephalic specimen (bottom: *Kogia breviceps* USNM 22015). The premaxillae are highlighted in red (with points with a larger radius) on both specimens to illustrate that even once the curves are resampled, there is still a thorough coverage of landmarks along the length of the rostrum, even in the longest rostra.