



All vibrissae were treated in this manner for both Carbon and Nitrogen stable isotope ratios and were included in the moving mean for seasonal variation study.

Correspondence Time/Length: The growth rates used for reconstitution of temporal variation were 0.78 mm.d^{-1} from May to September, and 0.075 mm.d^{-1} from October to April [45].

Young-of-the-year's data treatment: the $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values of young-of-the-year corresponding to May, June, July and August were not taking in account in the analyses for this study (S1 Table).