



Supplementary Figure 2. Image of a vertebra from a specimen of goosefish (*Lophius americanus*) that was 33 cm in total length (TL) when injected in the laboratory with 25 mg/kg of fluorexon (fish ID W). This fish lived for 298 d (May 2012–March 2013) after injection, grew 8 cm TL, and was 41 cm TL at death. Red dots indicate presumed annuli, and the yellow rectangle indicates the mark from the chemical injection. Age was overestimated for this specimen because 2 annuli were counted beyond the chemical mark.