PCR partial Control Region Chaetophractus 456 bp

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Abstract

Partial sequences of mtDNA Control Region (CR) were amplified using the universal primers Thr-L15926 (5´-CAATTCCCCGGTCTTGTAAACC-3´), located in the neighboring tRNA-pro gene and DL-H16340 (5´-CCTGAAGTAGGAACCAGATG-3´) (Vilá el al. 1999). Amplification of the double-stranded product was performed in 25 ul volume of PCR mix containing 1.25 U of Taq DNA polymerase, 2.5 ul of 10 x Taq polymerase buffer, 3 mM of $MgCl_2$, 0,16 mM of dNTP´s and 5 pmol of each primer. The amplification was performed in a Biometra T Personal thermocycler. The thermal profile consisted of an initial denaturation at 94 ºC for 5 min, followed by 35 cycles of 94 ºC for 30 s, 56 ºC for 30 s and 72 ºC for 45 s with a final extension step of 72ºC for 8 min.

Citation: Sebastian Poljak PCR partial Control Region Chaetophractus 456 bp. **protocols.io** dx.doi.org/10.17504/protocols.io.j44cqyw
Published: 23 Oct 2017

Protocol