

邵昕宁, 宋大昭, 黄巧雯, 李晟, 姚蒙. 基于粪便DNA及宏条形码技术的食肉动物快速调查及食性分析. 生物多样性, 2019, 27 (5): 543–556.
<http://www.biodiversity-science.net/CN/10.17520/biods.2018214>

附录1 本研究使用的引物信息

Appendix 1 Summary of primer information in this study

用途 Purpose	引物名称 Primer name	目的片段/目标物种 Target sequence/ Target species	产物长度 Product length	退火温度 Annealing temperature	序列(5'-3') Sequence (5'-3')	参考文献 References
物种鉴定 Species identification	16S	16S rDNA	~380 bp	55°C	F: GAGAAGACCCTATGGAGC R: ATAGAAACCGACCTGGAT	Xiong et al, 2016
食性分析 Diet analysis	12SV5	12S rDNA	~140 bp	60°C	F: TAGAACAGGCTCCTCTAG R: TTAGATACCCCACTATGC	Riaz et al, 2011
阻抑引物 Blocking oligo	PrioC	狼/狗 Wolf/Dog	–	–	CTATGCTTAGCCCTAAACATAGATAATTT TACAACAAAATAATTTCG-C3	本研究 This study
	PrioP	狼/狗 Wolf/Dog	–	–	CTATGCTTAGCCCTAAACGTAACCTGCA AACTATTCCATAATAAAA-C3	本研究 This study
	PrioB	豹猫 Leopard cat	–	–	CTATGCTTAGCCCTAAACTTAGATAGTT AATTTTAACAAAACCTATC-C3	Shehzad et al, 2012a
	PrioV	赤狐 Red fox	–	–	CTATGCTTAGCCCTAAACATAAATAGTT CTATAACAAAACAATTTCG-C3	本研究 This study
	PrioA	棕熊 Brown bear	–	–	CTATGCTTAGCCTTAAACATAAATAATTT ATTAAACAAAATTATTC-C3	本研究 This study
	PrioL	豹 Leopard	–	–	CTATGCTTAGCCCTAAACCTAGATAGTT AGCCCAAACAAAACCTATC-C3	本研究 This study
	UNCiB	雪豹 Snow leopard	–	–	CTATGCTTAGCCCTAAACCTAGATAGTT AGCTCAAACAAAACCTAT-C3	Shehzad et al, 2012b

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Xiong MY, Shao XN, Long Y, Bu HL, Zhang D, Wang DJ, Li S, Wang RJ, Yao M (2016) Molecular analysis of vertebrates and plants in scats of leopard cats (*Prionailurus bengalensis*) in southwest China. Journal of Mammalogy, 97, 1054–1064.