

S2 Appendix. PCR primers used in this study

Evolutionary history of Carnivora (Mammalia, Laurasiatheria) inferred from mitochondrial genomes

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DLU400 [2] DLU400M1: 5'-CGAGCTTAATCACCAWGCCCKCGDGAAA-3' DLU405M1 [2]	LPHELA [3] 12SL41 [1] 12SL200 [2] 12SL600 [3]
12SU1230 [1] 12SU1230M1 [3]	12SL2226 [1] 12SL2226M1 [2]
12SU829 [1]	16SL518 [1]
16SU365 [1]	16SL1056 [1]
16SU946 [1]	N1L64 [1]
Uleu [1] U16S1421 [2]	LMet [2] LMet2 [2]
N1U840 [1]	N2L492 [1]
N2U354M2 [2] IleU [2]	AsnL [1]
TrpU [1]	C1L705 [2] C1L1143 [3]
C1U246 [1] UTyr [2]	C1L1017 [1] LSer [2]
C1U897M1 [2]	C2L15 [1] C2L15M1 [2]
SerU [1] SerUM1 [2]	A8L1 [1]
C2U603 [1] C2U603M3 [2] C2U603M4 [2]	C3L45 [1] C3L45M1: 5'-AGRGCNGANAGRGCYCCTGT-3' C3L168 [2] C3L168M1 [3] C3L168M2 [3]
A6U654M1 [2] A6U654M2 [2]	GlyLM1 [2]
C3U780 [1] C3U780M1 [2] C3U780M3 [3]	N4L27M1 [2] N4L366 [2] N4L366M1 [3] N4L366M2: 5'-CGYTCYGYTGRITNCCYCATCGRGT-3'
UArg [2] UArgM1: 5'-TGATTCGACTCATTAAA-3'	N4L918M1 [1] N4L1071R [2]
N4U681 [2]	Leu2L [1] Leu2LM1 [2]
Ser2U [1]	N5L652 [1] N5L652M1 [3]
N5U501 [1] N5U501M2: 5'-GGNCGRDCHGAYGCHAAAYACNGCYGC-3'	N5L1214 [1]
N5U1146 [1] N5U1146M5 [2]	N6RL154 [1] N6RL154M5 [2] CBL1 [3]
N6RU102 [1]	CBL402 [1]
GluMA [2] GluCA: 5'-GACYARTGAYATGAAAAAYCAYCGTTGT-3' CBU162 [1]	LPROMA: 5'- AGAAAYWTCAGCTTGGGDGYTGAHGGTG-3' LTHR [1] L482 [1] L482M1 [3]
U844 [1] CBU1038M1 [3] U1068 [1] UTHR13 [3]	L482 [1] LPHELA [3]

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