

Appendix Primer Table I. Primers Developed for COIII to Leu-tRNA, 12s rRNA and D-loop regions.

Primer Name	Species Specificity	Sequence 5'-3'	Map Position ^a	Fragment Use
Sec2LSEALF	<i>Lepilemur microdon</i>	tcaaaatctcaacctccttcaa	10739-10760	PAST ^a
Sec2LSEALR	<i>Lepilemur microdon</i>	ggcaatgggggcttcta	11421-11437	PAST ^a
Sec2LRUFFF	<i>Lepilemur ruficaudatus</i>	tgtccagaacctcaacctcc	10736-10755	PAST ^a
Sec2LRUFFR	<i>Lepilemur ruficaudatus</i>	cgtagggcttttgtaatcata	11399-11419	PAST ^a
Sec2LSEPF	<i>Lepilemur septentrionalis</i>	aatctcctccaatgctaaaaatc	10748-10770	PAST ^a
Sec2LSEPR	<i>Lepilemur septentrionalis</i>	ggcaatgggggcttctac	11419-11436	PAST ^a
Sec2LLEPUSF	<i>Lepilemur leucopus</i>	accttagcctccttcaatgc	10743-10762	PAST ^a
Sec2LLEPUSR	<i>Lepilemur leucopus</i>	cgagaactatggaccccg	11435-11452	PAST ^a
LEPISec2F	All Lemur taxa	gttttccgctcacacctg		PAST ^a
LEPISec2R	All Lemur taxa	cgcatccacaaccgaac		PAST ^a
DLPSEPFS	All Lemur taxa	aatattcgtggggtggagag	N/A ^d	D Loop ^b
DLPSEPRS	All Lemur taxa	gaagccatccaccacat	N/A ^d	D Loop ^b
DLEP1F2	All Lemur taxa	cgtgcataaagcccttgc	N/A ^d	D Loop ^b
DLEP1R2	All Lemur taxa	caagtactogagaatatccatgg	N/A ^d	D Loop ^b
LEPMARF	<i>Lepilemur edwardsi</i>	catagaggggiggagc	N/A ^d	D Loop ^b
LEPIDLPFINALF	<i>Lepilemur edwardsi</i>	tgctggtttcacggagg	N/A ^d	D Loop ^b
12H3a	All Lemur taxa	actgctgtatcccgtgggg	826-844	12sRNA ^b
12L3a	All Lemur taxa	ccccacgggatacagcagt	826-844	12sRNA ^c

^aRelative to human mtDNA (Anderson et al. 1981)

^bPrimers used for sequencing reactions only.

^cPrimers used for PCR and sequencing reactions.

^dInternal sequencing primers between DLP5.0 and DLP1.5 (Baker et al. 1993; Wyner et al. 1999b)

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