

Table 4. Primers used in this study

Primer	Gene	Position	Sequence	Length, bp
<i>Bos taurus</i>	HV1	F15923 ^a	CCATACACAGACCACAGAAT	399
		R16302 ^a	TTTAAGAGGAAAGAATGGACC	
<i>Sus scrofa</i>	CYTB	F14265 ^b	ACATCAGACACAACAACAGC	260
		R14505 ^b	CCTCAGAATGATATTTGTCC	
<i>Gallus gallus</i>	CYTB	F14915 ^c	CCCACCCCCTACTAAAAA	168
		R15065 ^c	AGGCTAGGGATGTGTCTG	
<i>Bos primigenius</i>	HV1	F2 ^d	AGCAAGTACATGACCTCTA	121
		R103 ^d	CGTGATCTAATGGTAAGGAA	
<i>Felis catus</i>	CYTB	F15203 ^e	ACATCAGACACAATAACCG	164 258
		R15347 ^e	GAAGGTGTAGGAGCCGTA	
		R15446 ^e	CCTCAGAAGGACATTTG	
<i>Pygoscelis adeliae</i>	12S	F27 ^f	AGAACTACGAGCACAAACGC	184 239 307
		R192 ^f	TTGGGGCTATTATGCTCAC	
		R247 ^f	GTAGCCCATTTCTTCCACC	
		R314 ^f	TACTGCTAAATCCGCCTTCC	
<i>Homo sapiens</i>	HV1	F16191 ^g	CCCATGCTTACAAGCAAGTA	132 185 239 327 520
		R16301 ^g	TGGCTTTATGTACTATGTACTG	
		R16356 ^g	GTCATCCATGGGGACGAGAA	
		R16410 ^g	GCGGGATATTGATTTACGG	
		R16498 ^g	CCTGAAGTAGGAACCAGATG	
		F15998 ^g	AAGATTCTAATTTAAACTATTCT	
Lambda		F*	GGTTATCGAAATCAGCCACAGCGCC	500
		R*	GATGAGTTCGTGTCCGTACAACCTGG	

Primers were named by their 5 ends according to gi:60101824 (a), Yang *et al.* (1) (b), Desjardins *et al.* (2) (c), Troy *et al.* (3) (d), Lopez *et al.* (4) (e), Emslie *et al.* (5) (f), and Anderson *et al.* (6) (g).

*Primers were taken from the Ready-To-Go Lambda Packaging Kit (Amersham Biosciences).

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4. Lopez, J. V., Cevario, S. & O'Brien, S. J. (1996) *Genomics* **33**, 229-246.
5. Emslie, S. D., Ritchie, P. & Lambert, D. (2003) *Antarctic Res.* **79**, 171-180.
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