

Supplementary Table S2. Primers used in this study

Primer name	Primer sequence (5' to 3') <sup>1</sup>	Ta (°C)	Product
RHFc <sup>2</sup>	CC[G/A]CAGCC <u>ATGAA</u> [C/T]GG[G/C]AC[G/A]GA[G/A]GGCCC[G/T]AACTTCTAC	55-60°C	Exon 1-Exon 2 (~2400bp)
RDaR <sup>2</sup>	GC[G/A]CAGGCCAG[C/T]GCCATGACCCAGG		
RDbf <sup>2</sup>	AGGTGAAATTGCCCTGTGGTCCTTGGTGGTC	55-60°C	Exon 2-Exon 3 (~1500bp)
RDbR <sup>2</sup>	GGGATGGTGAAAGTGGACCAC[G/A]AACATGTAGA		
RDeF <sup>2</sup>	GGCATGCAGTGCTC[A/G]TG[T/C]GGGAT[C/T]GAC	55-60°C	Exon 3-Exon 5 (~1400bp)
RHRc <sup>2</sup>	GG[G/T] <u>CTTAGGC</u> [C/T]GG[T/G]GCCACCTGGCT[G/C]GTCTCCGTCTTG		
G5F <sup>3</sup>	AGCCATGAA[C/T]GG[G/C]ACAGAAG	50-55°C	Exon 1 (~370bp)
G5R <sup>3</sup>	C[A/G]GCTCATACC[G/T]CCCAGGGTG		
H2F <sup>3</sup>	T[G/A]CAGGTGAAAT[T/C]GCCCT[G/A]TGG	50-55°C	Exon 2 (~200bp)
H1R <sup>3</sup>	CAGTGCCATTACCTGGACCA		
J2F <sup>3</sup>	TCAGGTA[C/T]AT[C/T]CC[A/G]GAAG	50-55°C	Exon 3-Exon 4 (~550bp)
J2R <sup>3</sup>	GGCACCTGCTTATTCATC		
K2F <sup>3</sup>	C[T/C][C/T]TTGCCTTCCAGTTCCG	50-55°C	Exon 5 (~150bp)
K1R <sup>3</sup>	CACCTGGCT[C/G]GTCTCCGTCTTG		
Sequencing primer pair			
M13-47 <sup>4</sup>	CGCCAGGGTTTCCAGTCACGAC	55°C	
M13-48 <sup>4</sup>	GAGCGGATAACAATTCACACAGG		

<sup>1</sup> Start and stop codons are underlined

<sup>2</sup> Primer used in all mammals

<sup>3</sup> Primer used in Hottentot golden mole only

<sup>4</sup> Primer used in sequencing