Table S2. No evidence for codon bias explaining the *KRTAP1* coding region pattern of concerted evolution

Human variant	Mouse variant	Human codon usage ^a		Mouse codon usage ^a		Support ^b
GGC	GGT	22.3	10.6	21.2	11.4	
AGG	AGA	11.9	12	12.2	12.1	
CCA	CCT	17.3	17.9	17.3	18.4	
CGT	CGC	4.5	10.5	4.7	9.4	
GG(T/C) ^c	GGC	10.6	22.3	11.4	21.2	
TG(C/T) ^c	TGT	12.2	10.6	12.3	11.4	
CAC	CAT	15.2	11.1	15.3	10.6	
CGC	CGT	10.5	4.5	9.4	4.7	
CC(G/A)°	CCA	7.3	17.3	6.2	17.3	

a. Value on the left is the codon usage value for the human variant codon; that on the right for the mouse variant codon

b. Dark colors = both codons support/neutral for CAI explaining (green)/not explaining (red) concerted evolution pattern; light colors is where support is opposite for each codon with color representing the dominant effect (in terms of CAI magnitudes)

c. Difference is present in two of the four *KRTAP1* copies. Codon usage values on the left represent the human variant that differs from the mouse