

COX1

mRNA	Position	Complex	Heteroplasmy
Missense	A8860G	ATP6 (C-V)	
	C14766T	CYTB (C-III)	
	A15326G	CYTB (C-III)	
	C15452A	CYTB (C-III)	
	G15812A	CYTB (C-III)	
Frameshift			
Stop codon			
Stop gained	G6930A	COX1 (C-IV)	
Modifiers			
D-loop	C16069T		
	T16126T		
	C16193T		
tRNA	C5633T		
rRNA	A1438G		
Synonymous	C7028T	COX1 (C-IV)	
	G11719G	ND4 (C-I)	
	C15886T	CYTB (C-III)	

Hybrid E

mRNA	Position	Complex	Heteroplasmy
Missense	T4216C	ND1 (C-I)	2/13 (15.4%)
	A8860G	ATP6 (C-V)	
	G15257A	CYTB (C-III)	7/27 (25.9%)
	A15326G	CYTB (C-III)	
	C15453A	CYTB (C-III)	5/26 (19.2%)
	G15812A	CYTB (C-III)	3/15 (20.0%)
Frameshift			
Stop codon			
Stop gained	G6930A	COX1 (C-IV)	8/36 (22.2%)
Modifiers			
D-loop	A73G		
	C150T		1/13 (7.7%)
	T152C		1/13 (7.7%)
	T16126C		
	C16193T		3/25 (12.0%)
	C16278T		3/25 (12.0%)
tRNA	C5633T		
rRNA	A750G		
	G1438A		
	G2706G		
Synonymous	C7028T	COX1 (C-IV)	
	G11719A	ND4 (C-I)	