

Supplemental Figure 2

ZR75.1

mRNA	Position	Complex	Heteroplasmy
Missense	A8860G	ATP8 (C-V)	
	G9477A	COX3 (C-IV)	
	T10326A	ND3 (C-I)	
	C12346T	ND5 (C-I)	
	A13105G	ND5 (C-I)	
	C14766T	CYTB (C-III)	
	A14793G	CYTB (C-III)	
	A15218G	CYTB (C-III)	
	A15326G	CYTB (C-III)	
Frameshift			
Stop retained	G8269A	COX2 (C-IV)	27/29 (93.1%)
Modifiers			
D-loop	A73G		
	A263G		
	C16256T		
	C16270T		
	G16390A		50/52 (96.2%)
	A16399G		40/42 (95.2%)
tRNA	C8349T		
	A12308G		
rRNA	A750G		
	A1438G		
	T1700C		
	A2706G		
	T3197C		
Synonymous			
	A4769G	ND2 (C-I)	
	C7028T	COX1 (C-V)	
	A11467G	ND4 (C-I)	
	G11719A	ND4 (C-I)	
	G12372A	ND5 (C-I)	
	T14278C	ND6 (C-I)	

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mRNA	Position	Complex	Low Heteroplasmy
Missense	A8860G	ATP8 (C-V)	
	C12084T	ND4 (C-I)	
	A13966G	ND5 (C-I)	
	C14766T	CYTB (C-III)	
	A15326G	CYTB (C-III)	
Frameshift			
Stop codon			
Modifiers			
D-loop	A73G		
	A153G		
	T195C		
	C16184A		32/34 (94.1%)
	T16189C		31/34 (91.2%)
tRNA			
rRNA	G709A		
	A1438G		
	C1706T		16/65 (24.6%)
	G1719A		
	A2706G		
Synonymous			
	A4769G	ND2 (C-I)	
	T6221C	COX1 (C-IV)	
	C6371T	COX1 (C-IV)	
	C7028T	COX1 (C-IV)	39/41 (95.1%)
	G11719A	ND4 (C-I)	50/54 (92.6%)
	C12705T	ND5 (C-I)	