

Supplemental Figure 7

## WT

mRNA	Position	Complex	Heteroplasmy
Missense	G6267A	COX1 (C-IV)	
	C14766T	CYTB (C-III)	
Frameshift			
Stop codon			
<b>Modifiers</b>			
D-loop	A73G		
	A153G		
	C16114A		1/16 (6.3%)
	T16126C		
	T16189A		1/31 (3.2%)
	C16223T		
	C16278T		
	C16366T		
tRNA	G15894A		
rRNA	A1438G		
	A1719G		
	A2706G		
<b>Synonymous</b>	T6221C	COX1 (C-IV)	
	C6371T	COX1 (C-IV)	
	C7028T	COX1 (C-IV)	
	G11719A	ND4 (C-I)	
	C11932T	ND4 (C-I)	

## CYB

mRNA	Position	Complex	Heteroplasmy
Missense	T6520C	COX1 (C-IV)	
	A8642G	ATP6 (C-V)	
	A8860G	ATP6 (C-V)	
	C14766T	CYTB (C-III)	
	A15326G	CYTB (C-III)	
	T15693C	CYTB (C-III)	
	C15789T	CYTB (C-III)	
Frameshift	AAATT14780A	CYTB (C-III)	1/21 (4.8%)
Stop codon			
<b>Modifiers</b>			
D-loop	T195C		
	T16356C		
	T15362C		
tRNA	T12297C		
	A12308G		
rRNA	A1438G		
	G1462A		
	T2083C		
	A2706G		
<b>Synonymous</b>	A4769G	ND2 (C-I)	
	T5999C	COX1 (C-IV)	
	A6047G	COX1 (C-IV)	
	C7028T	COX1 (C-IV)	
	T7705C	COX2 (C-IV)	
	C11332T	ND4 (C-I)	
	T11339C	ND4 (C-I)	
	A11467G	ND4 (C-I)	
	G11719A	ND4 (C-I)	
	G12372A	ND5 (C-I)	
	C14620T	ND6 (C-I)	