

Table S1 Low-coverage regions in the mt DNA of the mitochondrial mutant MSC3, 12, and 16 as compared to the progenitor, wild-type inbred B.

Mutant Line	Region (bp)		Size (bp)	Chromosome*	Annotation
	Start	End			
MSC3	392,242	441,105	48,863	MC	<i>nad5ex4</i> (NADH dehydrogenase subunit 5 C-terminus); <i>trnW-CCA</i> (tRNA-Trp); <i>atp4</i> (ATPase subunit 4) and chloroplast-like DNA
	585,075	636,619	51,544	MC	
	1	31,162	31,161	83.8 kb	
	Total		131,568	7.8%	
MSC12	149,606	161,705	12,099	MC	<i>rps7</i> (ribosomal protein S7) JLV5-Del (Lilly <i>et al.</i> 2001) was identified in MSC16)
	195,676	267,406	71,730	MC	
	347,550	362,669	15,119	MC	
	567,690	568,518	828	MC	
	572,554	622,942	50,388	MC	
	911,926	917,574	5,648	MC	
	22,564	25,406	2,842	44.8 kb	
	1	83,817	83,816	83.8 kb	
Total		242,470	14.4%		
MSC16	149,606	161,706	12,100	MC	<i>rps7</i> (ribosomal protein S7) JLV5-Del (Lilly <i>et al.</i> 2001)
	195,676	283,618	87,942	MC	
	347,550	362,669	15,119	MC	
	567,711	568,451	740	MC	
	572,554	622,942	50,388	MC	
	911,926	917,574	5,648	MC	
	22,564	25,270	2,706	44.8 kb	
	1	83,817	83,816	83.8 kb	
Total		258,459	15.3%		

MC = Master chromosome of 1.6 megabases (Mb).

44.8 kb = Extra-chromosome of 44.8 kb

83.8 kb = Extra-chromosome of 83.8 kb

*All locations are based on the mitochondrial sequence of Alverson *et al.* (2011).