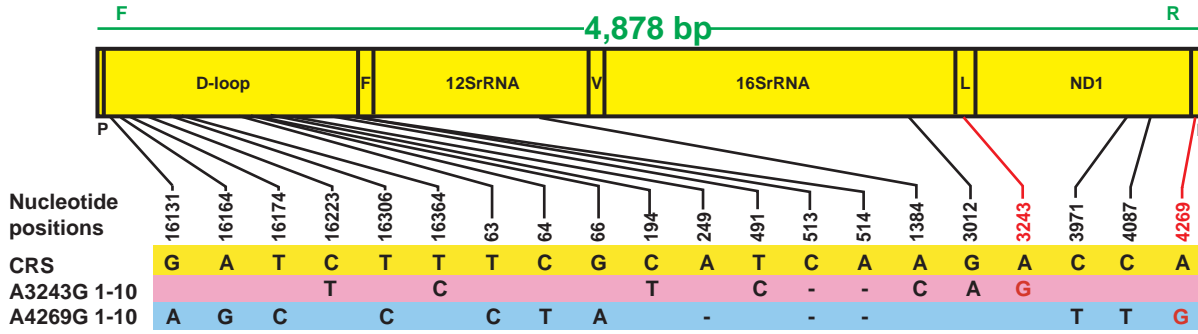


A



B

nt position	16131	16164	16174	16223	16306	16364	63	64	66	194	249	491	1384	3012	3243	3971	4087	4269
CRS	G	A	T	C	T	T	T	C	G	C	A	T	A	G	A	C	C	A
clones 1-15				T		C						T		C	C	A	G	
clone 16				T		C					T	-		C	C	A	G	
clones 17-18				T		C								C		A	G	
clone 19				T		C								C			G	
clone 20				T		C								C	C		G	
clone 21				T		C								C	C		G	T
clones 22-23				T		C										A	G	
clone 24				T		C	C	T	A	T				C	C	A	G	
clones 25-26	A	G	C			C								C	C	A	G	
clone 27	A	G	C			C								C		A	G	
clones 28-31	A	G	C			C		C	T	A				C	A	A	G	
clones 32-37	A	G	C			C		C	T	A					A	A	G	
clone 38	A	G	C			C		C	T	A							G	
clone 39	A	G	C			C		C	T	A				C			G	
clone 40	A	G	C			C		C	T	A				C	A	A	G	T
clone 41	A	G	C			C		C	T	A				C	A	A	G	
clones 42-43	A	G	C			C		C	T	A					A	A	G	
clone 44				T		C								C		A	G	G
clone 45	A	G	C			C		C	T	A				C		A	G	T
clone 46				T		C									A	G	T	T
clone 47				T		C									G	T	T	G
clone 48				T		C									A	G	T	T
clones 49-51				T		C									C	C	A	G
clones 52-59				T		C									C	C		T
clones 60-62				T		C											T	T
clones 63-64				T		C											T	T
clone 65	A	G	C			C											T	T
clone 66	A	G	C			C											T	T
clone 67	A	G	C			C											T	T
clones 68-70	A	G	C			C		C	T	A				C			T	T
clone 71	A	G	C			C		C	T	A					A		T	T
clone 72	A	G	C			C		C	T	A					C	A	T	T
clone 73				T		C									C	C		T
clone 74	A	G	C			C		C	T	A					A		T	
clones 75-76				T		C											C	C
clone 77				T		C												T
clone 78				T		C		C	T	A								
clone 79	A	G	C			C		C	T	A								
clones 80-100	A	G	C			C		C	T	A							T	T

parental 3243mtDNA

double mutant

double wild-type

parental 4269mtDNA

apparent recombinants