

Supplementary Material to “Mitogenomic sequencing of the Brazilian Mastiff and Brazilian Terrier suggests a complex scenario of breed formation for two established Brazilian dog breeds”

Table S1 - Characteristics of the mitochondrial genome of a Brazilian Terrier dog (*Canis lupus familiaris*).

Gene	Position		Size		Codon		Intergenic Space (bp)	Strand
	Start	End	Nucleotide	Aminoacid	Start	Stop		
tRNA(Phe)	1	69	69				0	+
12S rRNA	70	1023	954				0	+
tRNA(Val)	1024	1090	67				0	+
16S rRNA	1091	2670	1580				0	+
tRNA(Leu)	2671	2745	75				2	+
ND1	2748	3703	956	318	ATG	TA-	0	+
tRNA(Ile)	3704	3772	69				-3	+
tRNA(Gln)	3770	3843	74				1	-
tRNA(Met)	3845	3914	70				0	+
ND2	3915	4956	1042	347	ATA	T--	0	+
tRNA(Trp)	4957	5024	68				13	+
tRNA(Ala)	5038	5106	69				1	-
tRNA(Asn)	5108	5179	72				33	-
tRNA(Cys)	5213	5280	68				0	-
tRNA(Tyr)	5281	5348	68				1	-
COX1	5350	6894	1545	514	ATG	TAA	-3	+
tRNA(Ser)	6892	6962	71				4	-

Gene	Position		Size		Codon		Intergenic Space	Strand
	Start	End	Nucleotide	Aminoacid	Start	Stop	(bp)	
tRNA(Asp)	6967	7034	68				0	+
COX2	7035	7718	684	227	ATG	TAA	17	+
tRNA(Lys)	7736	7802	67				1	+
ATP8	7804	8007	204	67	ATG	TAA	-43	+
ATP6	7965	8644	680	226	ATG	TA-	0	+
COX3	8645	9428	784	261	ATG	T--	0	+
tRNA(Gly)	9429	9496	68				0	+
ND3	9497	9842	346	115	ATA	T--	0	+
tRNA(Arg)	9843	9913	71				0	+
ND4L	9914	10210	297	98	ATG	TAA	-7	+
ND4	10204	11581	1378	459	ATG	T--	0	+
tRNA(His)	11582	11650	69				0	+
tRNA(Ser)	11651	11710	60				0	+
tRNA(Leu)	11711	11780	70				0	+
ND5	11781	13601	1821	606	ATA	TAA	-17	+
ND6	13585	14112	528	175	ATG	TAA	0	-
tRNA(Glu)	14113	14181	69				4	-
CYTB	14186	15325	1140	379	ATG	AGA	0	+
tRNA(Thr)	15326	15395	70				-3	+
tRNA(Pro)	15395	15460	66				0	-

Gene	Position		Size		Codon		Intergenic Space	Strand
	Start	End	Nucleotide	Aminoacid	Start	Stop	(bp)	
Control Region	15461	16730	1270					