



Coat Color and Trait Certificate

Call Name: Bonsai
Registered Name: Sir Bonsai Yukio
Breed: Poodle
Sex: Male
DOB: Jan. 2017

Laboratory #: 78319
Registration #: PR19739206
Microchip #: 958 112 007 896 044
Certificate Date: Feb. 5, 2018

This canine's DNA showed the following genotype(s):

Coat Color/Trait Test	Gene	Genotype	Interpretation
A Locus (Agouti)	ASIP	A ^y /a ^t	Sable/fawn (carries tricolor/black and tan)
B Locus (Brown)	TYRP1	B/b	Black coat, nose and foot pads (carries brown)
D Locus (Dilute)	MLPH	D/D	Non dilute
E Locus (Yellow/Red)	MC1R	E/e	Black (carries yellow/red)
E ^m Locus (Melanistic Mask)	MC1R	N/N	No melanistic mask
K Locus (Dominant Black)	CBD103	K ^B /k ^Y	No agouti expression allowed (carrier)
M Locus (Merle)	PMEL	m/m	Non merle
S Locus (White Spotting, Parti, or Piebald)	MITF	s ^P /s ^P	Nearly solid white, parti, or piebald