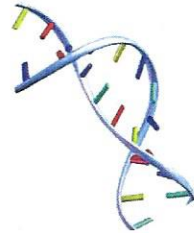


Canine Genetic Testing Report



Submitted By

Harvey Miller
South Prairie Kennel
129 N Country Rd 200 E
Arcola, IL 61910

Subject Dog 00126672

Date Received: 7/13/2018

Dog Name: **Vanilla's Star**
Breed: French Bulldog
Phenotype: Blue Merle

Registration: NP500228
Sex: Female
Birth: 04/10/2018

Sire

Sire Name: 5 Stars Majestic
Breed: French Bulldog
Registration: NP46231307
Phenotype: Blue Merle

Dam

Dam Name: Olga Vanilla
Breed: French Bulldog
Registration: NP44193101
Phenotype: Chocolate

Coat Color Testing

X	A Locus-Ay	AY/AY	Dog has two copies of the gene responsible for fawn/sable coat color.
X	A Locus-At	n/n	Dog does not carry the tan points/tricolor gene.
X	A Locus-a	n/n	Dog does not carry the gene responsible for recessive black coat color.
X	B Locus	B/B	Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring
X	D Locus	D/d	Dog carries the dilution gene, but will appear full color.
X	E Locus- EM	EM/EM	Dog has two copies of allele for melanistic mask.
X	E Locus- e	E/E	Dog does not carry the gene responsible for yellow coat color. This dog will never pass on the allele for yellow coat color.
X	K Locus-KB	n/KB	Dog has one copy of the dominant black gene. Dog is self-colored, and can pass on that gene to any offspring.
X	Spotting	N/N	Negative: Dog is negative for the spotting or parti-color gene.
	Harlequin		<i>Not Tested</i>
	Merle		<i>Not Tested</i>

Genetic Disorders

	CMR1	<i>Not Tested</i>
	cord1-PRA	<i>Not Tested</i>
	DM	<i>Not Tested</i>
	HUU	<i>Not Tested</i>
	JHC	<i>Not Tested</i>

Coat Type Testing

Hair Length	<i>Not Tested</i>
Hair Curl	<i>Not Tested</i>
Furnishings	<i>Not Tested</i>
Bobtail	<i>Not Tested</i>
Shedding	<i>Not Tested</i>

Genetic Marker Results

Run Date: *Not Tested*

-	-	-	-	-	-	-
AHT121	AHT137	AHT171	AHTn260	AHTk211	AHTk253	C22-279
-	-	-	-	-	-	-
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055
-	-	-	-	-		
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23		

Additional Comments

A-Panel: Ay/Ay-Homozygous for fawn/ sable.
E-Panel: EM/EM-Dog has two copies of the melanistic mask allele and does not carry the recessive yellow allele.

Canine Genetic Health Certificate™

Call Name:	Star	Laboratory #:	150402
Registered Name:	-	Registration #:	-
Breed:	French Bulldog	Certificate Date:	Oct. 24, 2019
Sex:	Female		
DOB:	April 2018		

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

Disease	Gene	Genotype	Interpretation
Degenerative Myelopathy	<i>SOD1</i>	WT/WT	Normal (clear)
Hereditary Cataracts	<i>HSF4</i>	WT/WT	Normal (clear)
Hyperuricosuria	<i>SLC2A9</i>	WT/WT	Normal (clear)
Multifocal Retinopathy 1	<i>BEST1</i>	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Cone-Rod Dystrophy 4	<i>RPGRIP1</i>	WT/WT	Normal (clear)

WT, wild type (normal); M, mutant; Y, Y chromosome (male)



Christina J Ramirez, PhD, DVM, DACVP
Medical Director



Casey R Carl, DVM
Associate Medical Director

Paw Print Genetics® performed the tests listed on this dog. See the Laboratory Report for interpretation and recommendations based on these findings. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the tests' accuracy and precision. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results. Genetic counseling is available at Paw Print Genetics.