

## Canine Genetic Testing Report



Submitted By

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United States

**Subject Dog** 00162023

Date Received: 8/1/2019

Dog Name: **Abakshold Nesquik Tutti Frutti**  
Breed: **French Bulldog**  
Phenotype: **Fawn**

Registration: [REDACTED]  
Microchip: [REDACTED]  
Sex: **Male**

Birth: 10/25/2018

### Sire

Sire Name:  
Breed:  
Registration:  
Phenotype:

### Dam

Dam Name:  
Breed:  
Registration:  
Phenotype:

### Coat Color Testing

<b>X</b>	A Locus-Ay	<b>AY/AY</b>	Dog has two copies of the gene responsible for fawn/sable coat color.
<b>X</b>	A Locus-Aw	<b>n/n</b>	Negative for wild-sable.
<b>X</b>	A Locus-At	<b>n/n</b>	Dog does not carry the tan points/tricolor gene.
<b>X</b>	A Locus-a	<b>n/n</b>	Dog does not carry the gene responsible for recessive black coat color.
<b>X</b>	B Locus	<b>B/B</b>	Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring
<b>X</b>	D Locus	<b>D/D</b>	Dog is negative for the dilution gene.
<b>X</b>	E Locus- EM	<b>EM/EM</b>	Dog has two copies of allele for melanistic mask.
<b>X</b>	E Locus- e	<b>E/E</b>	Dog does not carry the gene responsible for yellow coat color. This dog will never pass on the allele for yellow coat color.
<b>X</b>	K Locus-KB	<b>n/n</b>	Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
<b>X</b>	Spotting	<b>N/N</b>	Negative: Dog is negative for the MITF variant associated with parti-color in some breeds.
	Harlequin		<i>Not Tested</i>
	Merle		<i>Not Tested</i>

### Genetic Disorders

<b>X</b>	CMR1	<b>n/n</b>	Clear: Dog tested negative for Canine Multifocal Retinopathy Type 1.
	cord1-PRA		<i>Not Tested</i>
<b>X</b>	DM	<b>n/n</b>	Clear: Dog is negative for the Degenerative Myelopathy mutation.
<b>X</b>	HUU	<b>n/n</b>	Clear: Dog tested negative for the Hyperuricosuria.
<b>X</b>	JHC	<b>n/n</b>	Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation.

### Genetic Marker Results

Run Date: *Not Tested*

-	-	-	-	-	-	-
AHT121	AHT137	AHT171	AHT260	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.

### 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>