

## DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

<p><i>Provided Information:</i></p> <p>Name: <b>MACY</b> / <i>Fern</i></p> <p>Registration:</p>	<p><i>Case:</i> <b>NCD232076</b></p> <p><i>Date Received:</i> 02-Jan-2024</p> <p><i>Report Issue Date:</i> 08-Jan-2024</p> <p><i>Report ID:</i> 7510-6592-6320-8073</p> <p style="text-align: center; font-size: small;">Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
<p>DOB: <b>11/27/2023</b> Sex: <b>Female</b> Breed: <b>French Bulldog</b></p>	
<p>Sire: MACK DADDY</p> <p>Reg:</p> <p>Microchip:</p>	<p>Dam: MILLIE</p> <p>Reg:</p> <p>Microchip:</p>

### RESULT

### INTERPRETATION

Locus	Genotype	Interpretation
MC1R (E LOCUS)	<b>E<sup>m</sup>/E<sup>m</sup></b>	2 copies of mask.
BROWN (B LOCUS)	<b>b/b</b>	2 copies of brown present - black pigment (if present) is diluted to brown, red/yellow dogs have brown noses and foot pads.
DILUTE (D LOCUS)	<b>d<sup>1</sup>/d<sup>1</sup></b>	Dilute, 2 copies of the dilution variants.
DOMINANT BLACK (K LOCUS)	<b>N/N</b>	Dog does not have the dominant black mutation.
LEGACY AGOUTI	<b>a<sup>1</sup>/a</b>	Dog has black-and-tan and carries recessive black.
AGOUTI (A LOCUS)	<b>ASIP<sup>BB1</sup>/ASIP<sup>a</sup></b>	One copy of black back 1 and one copy of recessive black.
MERLE	<b>N/N</b>	No copies of the merle associated SINE insertion.
PIEBALD (S LOCUS)	<b>N/N</b>	Dog has no copies of piebald.
COCOA	<b>co/co</b>	2 copies of the cocoa variant.

## FRENCH BULLDOG GENETIC HEALTH PANEL TEST REPORT

<p><i>Provided Information:</i></p> <p>Name: <b>MACY / Fern</b></p> <p>Registration:</p>	<p><i>Case:</i> <b>NCD232076</b></p> <p><i>Date Received:</i> 02-Jan-2024</p> <p><i>Report Issue Date:</i> 08-Jan-2024</p> <p><i>Report ID:</i> 2369-7926-5672-6086</p> <p style="text-align: center; font-size: small;">Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
<p>DOB: 11/27/2023 Sex: Female Breed: French Bulldog</p>	
<p>Sire: MACK DADDY</p> <p>Reg:</p> <p>Microchip:</p>	<p>Dam: MILLIE</p> <p>Reg:</p> <p>Microchip:</p>

### RESULT

### INTERPRETATION

Condition	Result	Interpretation
Canine Multifocal Retinopathy (CMR1)	N/N	Normal - no copies of the CMR1 mutation.
Degenerative Myelopathy (DM)	N/N	No copies of the DM mutation.
Juvenile Hereditary Cataract (JHC)	N/N	No copies of JHC mutation. Cataracts may however develop because of other genetic and environmental factors.
Hyperuricosuria (HUU)	N/N	No copies of the hyperuricosuria mutation detected. Dog is normal.

## COAT LENGTH TEST REPORT

<b>Provided Information:</b> Name: <b>MACY/Fern</b> Registration:		<b>Case: NCD232076</b> Date Received: 02-Jan-2024 Report Issue Date: 08-Jan-2024 Report ID: 2551-7942-4636-4160  Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a>
DOB: 11/27/2023 Sex: Female Breed: French Bulldog		
Sire: MACK DADDY Reg: Microchip:	Dam: MILLIE Reg: Microchip:	

### RESULT

### INTERPRETATION

COAT LENGTH	S/L
-------------	-----

Carrier of an allele associated with long hair detected.