

## DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

<p><i>Provided Information:</i></p> <p><b>Name:</b>            <b>WOODLANDS EBONY</b></p> <p><b>Registration:</b>   <b>NP79625801</b></p>	<p><b>Case:</b>               <b>NCD217397</b></p> <p><b>Date Received:</b>    04-Apr-2023</p> <p><b>Report Issue Date:</b> 12-Apr-2023</p> <p><b>Report ID:</b>         7277-6340-5343-9131</p> <p style="text-align: center; font-size: small;">Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a></p>
<p><b>DOB: 06/27/2022</b>   <b>Sex: Female</b>   <b>Breed: French Bulldog</b></p>	

**RESULT**

**INTERPRETATION**

MC1R (E LOCUS)	E <sup>m</sup> /E <sup>m</sup>	
<b>BROWN (B LOCUS)</b>	<b>B/B</b>	Does not carry brown - cannot have brown offspring.
<b>DILUTE (D LOCUS)</b>	<b>D/d<sup>1</sup></b>	Carries 1 copy of the dilution variant.
<b>DOMINANT BLACK (K LOCUS)</b>	<b>K/N</b>	1 copy of dominant black is present. *
<b>LEGACY AGOUTI</b>	<b>a/a</b>	Homozygous for recessive black.
<b>AGOUTI (A LOCUS)</b>	<b>ASIP<sup>a</sup>/ASIP<sup>a</sup></b>	Two copies of recessive black.
<b>MERLE</b>	<b>N/N</b>	No copies of the merle associated SINE insertion.
<b>PIEBALD (S LOCUS)</b>	<b>N/N</b>	Dog has no copies of piebald.
<b>COCOA</b>	<b>co/co</b>	2 copies of the cocoa variant.

## DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

<b>Client/Owner/Agent Information:</b> RONNIE COBLENTZ 6827 COUNTY ROAD 672  MILLERSBURG, OH 44654	<b>Case:</b> <b>NCD217397</b> <b>Date Received:</b> 04-Apr-2023 <b>Report Issue Date:</b> 12-Apr-2023 <b>Report ID:</b> 7277-6340-5343-9131  Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>
<b>Name:</b> <b>WOODLANDS EBONY</b>	

### Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Dog Coat Color test results, please visit our website at:  
[www.vgl.ucdavis.edu/resources/dog-coat-color](http://www.vgl.ucdavis.edu/resources/dog-coat-color)

\* This result is sometimes associated with the brindle pattern.  
Agouti research is ongoing, and additional variation beyond the resolution of this test may exist.

For terms and conditions of testing, please see [www.vgl.ucdavis.edu/about/terms-and-conditions](http://www.vgl.ucdavis.edu/about/terms-and-conditions)

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

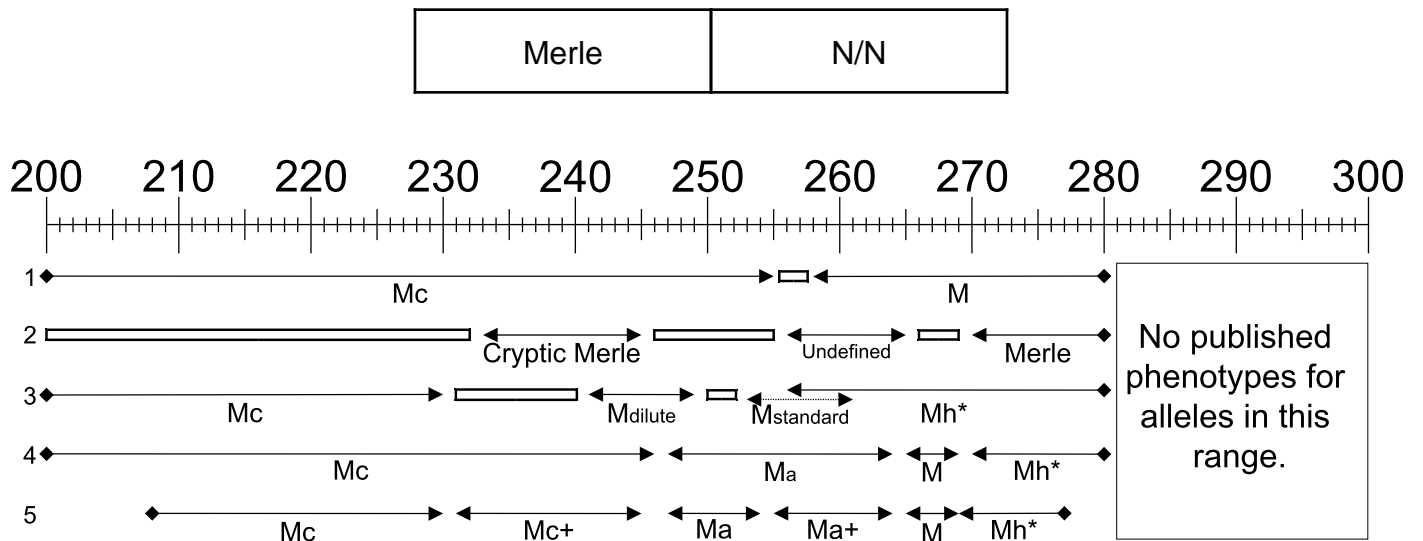
**Report authorized by Dr. Rebecca Bellone, VGL Director**

Veterinary Genetics Laboratory · University of California Davis · One Shields Ave · Davis, CA 95616  
[vgl.ucdavis.edu](http://vgl.ucdavis.edu) · (530) 752-2211

**ADDITIONAL INFORMATION FOR  
 MERLE RESULTS**

<b>Provided Information:</b>	<b>Case:</b> <b>NCD217397</b>
<b>Name:</b> <b>WOODLANDS EBONY</b>	<b>Date Received:</b> 04-Apr-2023
<b>Registration:</b> <b>NP79625801</b>	<b>Report Issue Date:</b> 12-Apr-2023
	<b>Report ID:</b> 7277-6340-5343-9131
Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>	
<b>DOB: 06/27/2022 Sex: Female Breed: French Bulldog</b>	

Several interpretations and nomenclatures for the Merle variant have been proposed. Below is a graphical display of the merle alleles detected and the publications that define these nomenclatures.



Open boxes represent unassigned size variants within a specific naming system.

<sup>1</sup>Previous merle pattern result reported by the VGL.

Mc=200-255, M=258-280

<sup>2</sup>Merle pattern nomenclature defined by Clark et al. 2006.

<sup>3</sup>Merle pattern nomenclature defined by Murphy et al. 2018.

Mc=200-230, Mdilute=241-249, Mstandard=253-261, Mh=256-280

<sup>4</sup>Merle pattern nomenclature defined by Ballif et al. 2018.

Mc=200-246, Ma=247-264, M=265-269, Mh=270-280

<sup>5</sup>Merle pattern nomenclature defined by Langevin et al. 2018.

Mc=208-230, Mc+=231-245, Ma=247-254, Ma+=255-264, M=265-269, Mh=269-277

\* Mh "harlequin" is not the true Great Dane Harlequin (H) identified by Clark et al. 2008.



## FRENCH BULLDOG GENETIC HEALTH PANEL TEST REPORT

<p><i>Provided Information:</i></p> <p><i>Name:</i>           <b>WOODLANDS EBONY</b></p> <p><i>Registration:</i>   <b>NP79625801</b></p>	<p><i>Case:</i>               <b>NCD217397</b></p> <p><i>Date Received:</i>    04-Apr-2023</p> <p><i>Report Issue Date:</i> 10-Apr-2023</p> <p><i>Report ID:</i>         1134-6971-7694-4017</p> <p style="text-align: center; font-size: small;">Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a></p>
<p><i>DOB: 06/27/2022   Sex: Female   Breed: French Bulldog</i></p>	

### RESULT

### INTERPRETATION

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

## FRENCH BULLDOG GENETIC HEALTH PANEL TEST REPORT

<p><i>Client/Owner/Agent Information:</i>  <b>RONNIE COBLENTZ</b>  6827 COUNTY ROAD 672   MILLERSBURG, OH 44654</p>	<p><i>Case:</i> <b>NCD217397</b>  <i>Date Received:</i> 04-Apr-2023  <i>Report Issue Date:</i> 10-Apr-2023  <i>Report ID:</i> 1134-6971-7694-4017</p> <p style="text-align: center; font-size: small;">Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a></p>
<p><i>Name:</i> <b>WOODLANDS EBONY</b></p>	

**Additional Information**

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on French Bulldog Genetic test results, please visit our website at: [www.vgl.ucdavis.edu/services/dog/FrenchBulldogHealthPanel.php](http://www.vgl.ucdavis.edu/services/dog/FrenchBulldogHealthPanel.php)

For terms and conditions of testing, please see [www.vgl.ucdavis.edu/about/terms-and-conditions](http://www.vgl.ucdavis.edu/about/terms-and-conditions)

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**Report authorized by Dr. Rebecca Bellone, VGL Director**

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## COAT LENGTH TEST REPORT

<i>Provided Information:</i>	<i>Case:</i> <b>NCD217397</b>
<i>Name:</i> <b>WOODLANDS EBONY</b>	<i>Date Received:</i> 04-Apr-2023
<i>Registration:</i> <b>NP79625801</b>	<i>Report Issue Date:</i> 02-May-2023
	<i>Report ID:</i> 8770-4513-0107-3186
Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>	
<i>DOB:</i> <b>06/27/2022</b> <i>Sex:</i> <b>Female</b> <i>Breed:</i> <b>French Bulldog</b>	

### RESULT

### INTERPRETATION

<b>COAT LENGTH</b>	<b>L4/L4</b>
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2 copies of the allele(s) associated with long hair detected.

## COAT LENGTH TEST REPORT

<b>Client/Owner/Agent Information:</b> RONNIE COBLENTZ 6827 COUNTY ROAD 672  MILLERSBURG, OH 44654	<b>Case:</b> <b>NCD217397</b> <b>Date Received:</b> 04-Apr-2023 <b>Report Issue Date:</b> 02-May-2023 <b>Report ID:</b> 8770-4513-0107-3186  Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>
<b>Name:</b> <b>WOODLANDS EBONY</b>	

### Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Dog Coat Type test results, please visit our website at:  
[www.vgl.ucdavis.edu/services/dog/coat-length-curl-furnishings](http://www.vgl.ucdavis.edu/services/dog/coat-length-curl-furnishings)

For terms and conditions of testing, please see [www.vgl.ucdavis.edu/about/terms-and-conditions](http://www.vgl.ucdavis.edu/about/terms-and-conditions)

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