

## DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

<p><i>Provided Information:</i></p> <p><i>Name:</i>           <b>SOUFFLE</b></p> <p><i>Registration:</i></p>	<p><i>Case:</i>               <b>NCD181776</b></p> <p><i>Date Received:</i>    04-Feb-2022</p> <p><i>Report Issue Date:</i> 24-Feb-2022</p> <p><i>Report ID:</i>         9992-2371-4311-5077</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:</i> <b>08/24/2021</b>   <i>Sex:</i> <b>Male</b>   <i>Breed:</i> <b>Beauceron</b>   <i>Color:</i> <b>Harlequin</b></p>	
<p><i>Call Name:</i> <b>Souffle</b></p>	
<p><i>Sire:</i>   ORIN DU MURIER DE SORDEILLE</p> <p><i>Reg:</i>   DN66823402</p> <p><i>Microchip:</i></p>	<p><i>Dam:</i>   OCEANE ARGENTEE DU VAILLANT FEU</p> <p><i>Reg:</i>   DN54070501</p> <p><i>Microchip:</i></p>

**RESULT**

**INTERPRETATION**

<b>MERLE</b>	<b>N/266</b>
<b>PIEBALD (S LOCUS)</b>	<b>N/N</b>

One copy of the merle associated SINE insertion. See attachment (last page) for additional information.

Dog has no copies of piebald.

## DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

<i>Client/Owner/Agent Information:</i> LAUREN TRATHEN	<i>Case:</i> <b>NCD181776</b> <i>Date Received:</i> 04-Feb-2022 <i>Report Issue Date:</i> 24-Feb-2022 <i>Report ID:</i> 9992-2371-4311-5077  Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>
<i>Name:</i> <b>SOUFFLE</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)

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).

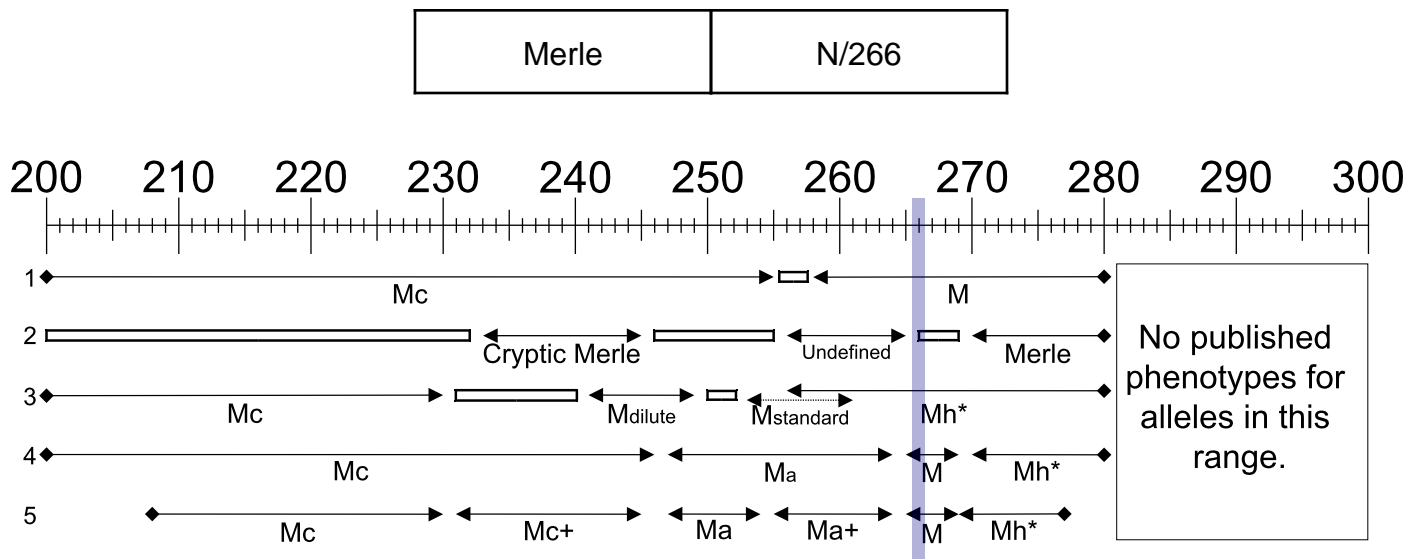
**Report authorized by Dr. Rebecca Bellone, VGL Director**

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[vgl.ucdavis.edu](http://vgl.ucdavis.edu) · (530) 752-2211

## ADDITIONAL INFORMATION FOR MERLE RESULTS

<p><b>Provided Information:</b></p> <p>Name: <b>SOUFFLE</b></p> <p>Registration:</p>	<p><b>Case: NCD181776</b></p> <p>Date Received: 04-Feb-2022</p> <p>Report Issue Date: 24-Feb-2022</p> <p>Report ID: 9992-2371-4311-5077</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>DOB: <b>08/24/2021</b> Sex: <b>Male</b> Breed: <b>Beauceron</b> Color: <b>Harlequin</b></p>	
<p>Call Name: <b>Souffle</b></p>	
<p>Sire: ORIN DU MURIER DE SORDEILLE      Dam: OCEANE ARGENTEE DU VAILLANT FEU</p> <p>Reg: DN66823402                              Reg: DN54070501</p> <p>Microchip:                                      Microchip:</p>	

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.