

**MERLE  
TEST REPORT**

<i>Provided Information:</i>	<i>Case:</i> <b>NCD231497</b>
<i>Name:</i> <b>MARWD FANG</b>	<i>Date Received:</i> 15-Dec-2023
<i>Registration:</i>	<i>Report Issue Date:</i> 02-Jan-2024
	<i>Report ID:</i> 8843-5198-6123-6160
	<i>Reissue of:</i> 4722-2420-9534-0008
	Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a>
<i>DOB:</i> <b>08/04/2023</b> <i>Sex:</i> <b>Female</b> <i>Breed:</i> <b>Schnauzer, Miniature</b> <i>Color:</i> <b>Chocolate merle</b>	
<i>Call Name:</i> <b>Fang</b>	

**RESULT**

**INTERPRETATION**

<b>MERLE</b>	<b>N/266</b>
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One copy of the merle associated SINE insertion. See attachment (last page) for additional information.

**MERLE  
TEST REPORT**

<p><i>Client/Owner/Agent Information:</i>  SANDRA PEACOCK</p>	<p><i>Case:</i> <b>NCD231497</b>  <i>Date Received:</i> 15-Dec-2023  <i>Report Issue Date:</i> 02-Jan-2024  <i>Report ID:</i> 8843-5198-6123-6160  <i>Reissue of:</i> 4722-2420-9534-0008  Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
<p><i>Name:</i> <b>MARWD FANG</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 Dog Coat Color test results, please visit our website at: [vgl.ucdavis.edu/resources/dog-coat-color](http://vgl.ucdavis.edu/resources/dog-coat-color)

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

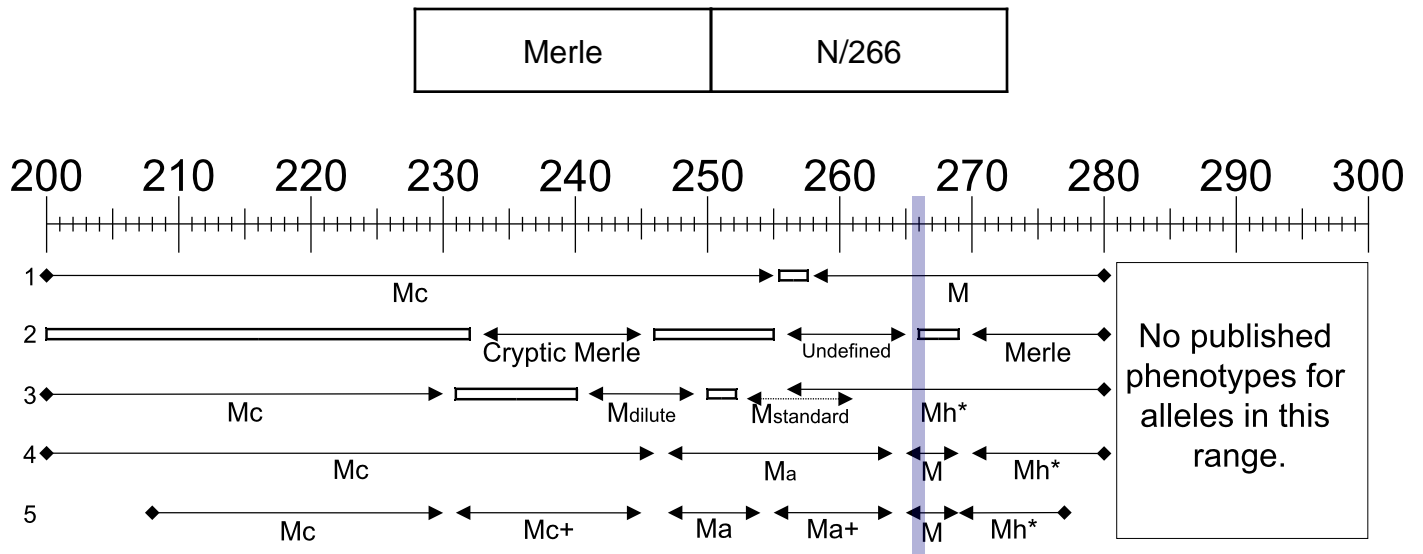
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**ADDITIONAL INFORMATION FOR  
 MERLE RESULTS**

<b>Provided Information:</b>	<b>Case:</b> <b>NCD231497</b>
<b>Name:</b> <b>MARWD FANG</b>	<b>Date Received:</b> 15-Dec-2023
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<b>DOB: 08/04/2023 Sex: Female Breed: Schnauzer, Miniature Color: Chocolate merle</b>	
<b>Call Name: Fang</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.