

**MERLE  
TEST REPORT**

<b>Provided Information:</b>		<b>Case:</b>	<b>NCD240396</b>
<b>Name:</b>	<b>FHF MAKE A GLORIOUS SQUEAK</b>	<b>Date Received:</b>	10-Jun-2024
<b>Registration:</b>	<b>DN69738001</b>	<b>Report Issue Date:</b>	14-Jun-2024
		<b>Report ID:</b>	1860-6629-9054-0153
Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a>			
<b>DOB: 12/28/2021 Sex: Female Breed: Australian Shepherd, Miniature Microchip: 981020045152705 Color: Black Tri</b>			
<b>Call Name: Squeaks</b>			
<b>Sire:</b>	MEIN'S SPEAK LIFE AT FAITHWALK	<b>Dam:</b>	FHF JOY OF A PIPSQUEAK
<b>Reg:</b>	DN57062005	<b>Reg:</b>	DN54416504
<b>Microchip:</b>		<b>Microchip:</b>	

**RESULT**

**INTERPRETATION**

<b>MERLE</b>	<b>233/233</b>
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Two copies of the merle associated SINE insertion. See attachment (last page) for additional information.

**MERLE  
TEST REPORT**

<p><i>Client/Owner/Agent Information:</i>  TARA PAULSEN  1611 S MAIN ST  PRINCETON, IL 61356</p>	<p><i>Case:</i> <b>NCD240396</b>  <i>Date Received:</i> 10-Jun-2024  <i>Report Issue Date:</i> 14-Jun-2024  <i>Report ID:</i> 1860-6629-9054-0153</p> <p style="text-align: right;">Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
<p><i>Name:</i> <b>FHF MAKE A GLORIOUS SQUEAK</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**

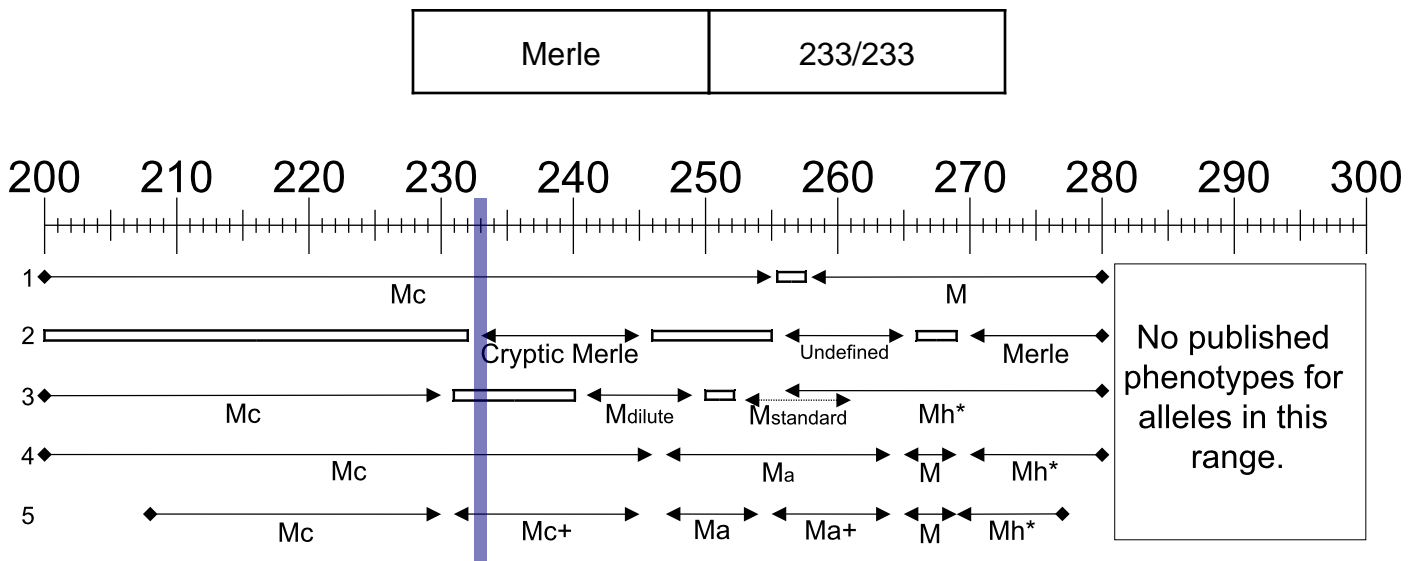
Veterinary Genetics Laboratory · University of California Davis · One Shields Ave · Davis, CA 95616  
[vgl.ucdavis.edu](http://vgl.ucdavis.edu) · (530) 752-2211



**ADDITIONAL INFORMATION FOR  
MERLE RESULTS**

<b>Provided Information:</b>		<b>Case:</b>	<b>NCD240396</b>
<b>Name:</b>	<b>FHF MAKE A GLORIOUS SQUEAK</b>	<b>Date Received:</b>	10-Jun-2024
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<b>Reg:</b>	DN57062005	<b>Reg:</b>	DN54416504
<b>Microchip:</b>		<b>Microchip:</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.