

MERLE TEST REPORT

Provided Information:		Case:	NCD260156
Name:	TEDDY GRAHAM THE LEGEND OF IVY MEADOWS	Date Received:	13-Oct-2025
Registration:		Report Issue Date:	16-Oct-2025
		Report ID:	8292-3039-3364-4086
		Verify report at vgl.ucdavis.edu/verify	
DOB: 04/27/2024 Sex: Male Breed: Miniature American Shepherd Color: Red Merle			
Call Name: Teddy			

RESULT

MERLE	N/267
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INTERPRETATION

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

MERLE TEST REPORT

Client/Owner/Agent Information: ANDREA EVANS 512 BOONE RD QUINCY, MI 49082	Case: NCD260156 Date Received: 13-Oct-2025 Report Issue Date: 16-Oct-2025 Report ID: 8292-3039-3364-4086 Verify report at vgl.ucdavis.edu/verify
Name: TEDDY GRAHAM THE LEGEND OF IVY MEADOWS	

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

For terms and conditions of testing, please see 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).

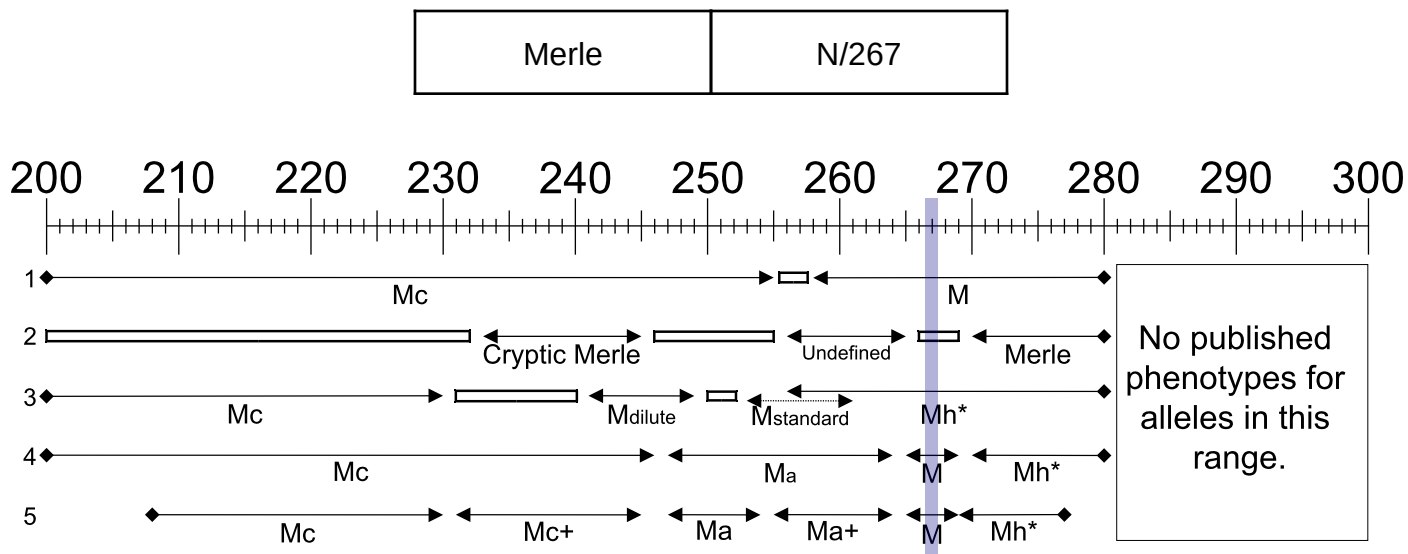
Report authorized by Dr. Rebecca Bellone, VGL Director

Veterinary Genetics Laboratory · University of California Davis · One Shields Ave · Davis, CA 95616
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ADDITIONAL INFORMATION FOR MERLE RESULTS

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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.

¹Previous merle pattern result reported by the VGL.

Mc=200-255, M=258-280

²Merle pattern nomenclature defined by Clark et al. 2006.

³Merle pattern nomenclature defined by Murphy et al. 2018.

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

⁴Merle pattern nomenclature defined by Ballif et al. 2018.

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

⁵Merle 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.