

MERLE TEST REPORT

Provided Information:		Case:		NCD261151			
Name:		FLYING H'S FRIENDLY GHOST @IVY MEADOWS		Date Received:		10-Nov-2025	
Registration:				Report Issue Date:		14-Nov-2025	
				Report ID:		7894-6347-4454-9071	
				Verify report at vgl.ucdavis.edu/verify			
DOB: 08/13/2025 Sex: Male Breed: Miniature American Shepherd Color: Minimal Blue Merle							
Call Name: Casper							

RESULT

MERLE	227/272
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INTERPRETATION

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

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Client/Owner/Agent Information: ANDREA EVANS 512 BOONE RD QUINCY, MI 49082	Case: NCD261151
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Verify report at vgl.ucdavis.edu/verify	
Name: FLYING H'S FRIENDLY GHOST @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).

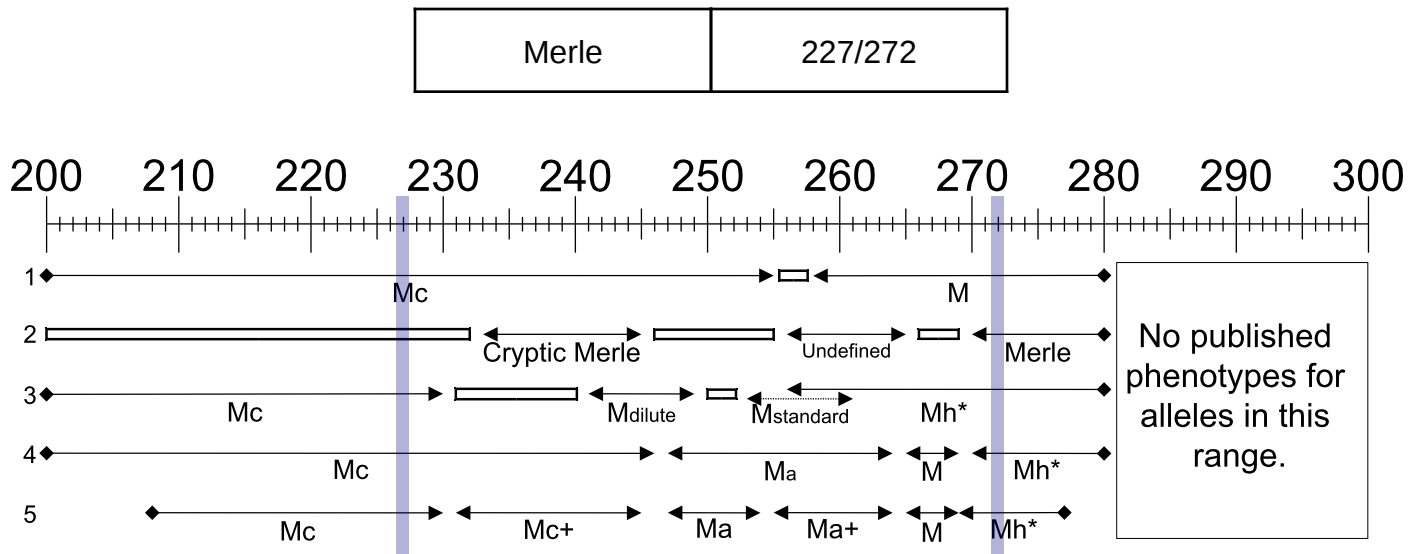
Report authorized by Dr. Rebecca Bellone, VGL Director

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

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.