

DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

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|--|---|
| <p><i>Provided Information:</i></p> <p><i>Name:</i> FINNESSE</p> <p><i>Registration:</i></p> | <p><i>Case:</i> NCD229169</p> <p><i>Date Received:</i> 26-Oct-2023</p> <p><i>Report Issue Date:</i> 08-Nov-2023</p> <p><i>Report ID:</i> 7839-5531-4842-7193</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p> |
| <p><i>DOB:</i> 09/07/2019 <i>Sex:</i> Female <i>Breed:</i> Australian Shepherd <i>Color:</i> Red</p> | |
| <p><i>Call Name:</i> Finesse</p> | |

RESULT

INTERPRETATION

| | |
|--------------------------|------------|
| DILUTE (D LOCUS) | D/D |
| MERLE | N/N |
| PIEBALD (S LOCUS) | N/N |

No known dilution variants present.

No copies of the merle associated SINE insertion.

Dog has no copies of piebald.

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|---|--|
| <p><i>Client/Owner/Agent Information:</i> SHARI SPRAGUE 2116 NE INDIAN SHOALS DRIVE LOGANVILLE, GA 30052</p> | <p>Case: NCD229169 <i>Date Received:</i> 26-Oct-2023 <i>Report Issue Date:</i> 08-Nov-2023 <i>Report ID:</i> 7839-5531-4842-7193</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p> |
| <p><i>Name:</i> FINNESSE</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:
www.vgl.ucdavis.edu/resources/dog-coat-color

For terms and conditions of testing, please see 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

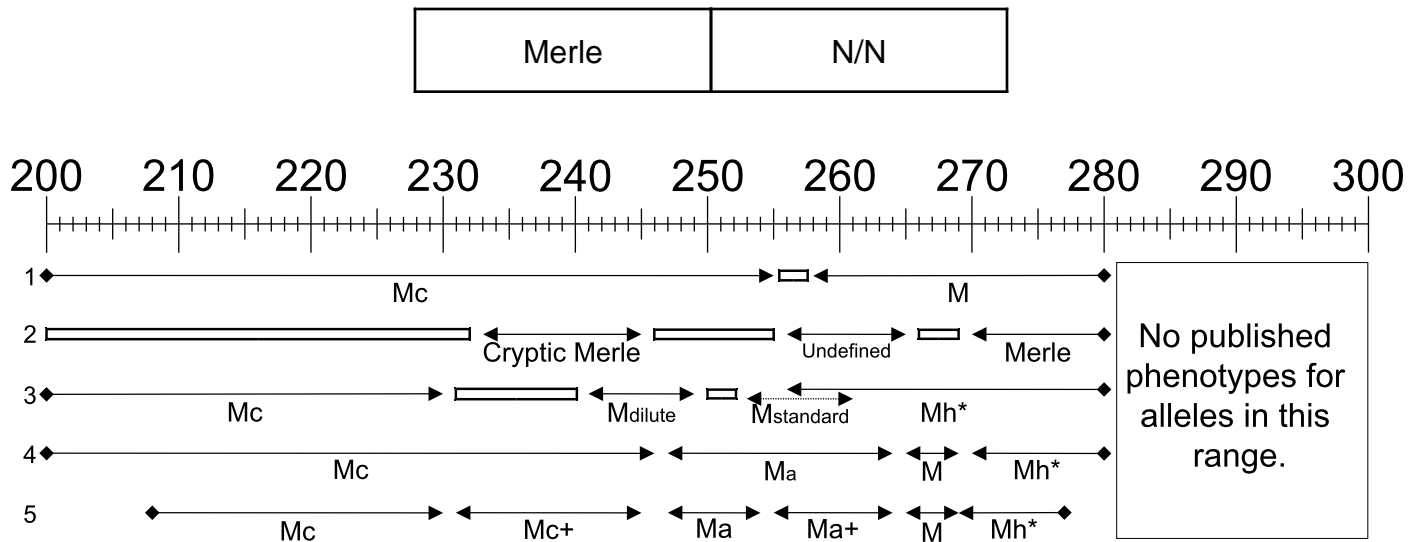
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vgl.ucdavis.edu · (530) 752-2211



**ADDITIONAL INFORMATION FOR
MERLE RESULTS**

| | |
|--|---|
| Provided Information: | Case: NCD229169 |
| Name: FINNESSE | Date Received: 26-Oct-2023 |
| Registration: | Report Issue Date: 08-Nov-2023 |
| | Report ID: 7839-5531-4842-7193 |
| | Verify report at www.vgl.ucdavis.edu/verify |
| DOB: 09/07/2019 Sex: Female Breed: Australian Shepherd Color: Red | |
| Call Name: Finesse | |

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.