

DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

<p><i>Provided Information:</i></p> <p><i>Name:</i> BLACK JACK & BLUES JUST MY CHOICE</p> <p><i>Registration:</i></p>	<p><i>Case:</i> NCD148172</p> <p><i>Date Received:</i> 30-Mar-2021</p> <p><i>Report Issue Date:</i> 11-Apr-2021</p> <p><i>Report ID:</i> 3289-7401-5610-4077</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p>
<p><i>DOB:</i> 04/01/2017 <i>Sex:</i> Female <i>Breed:</i> Great Dane <i>Color:</i> Black</p>	
<p><i>Call Name:</i> Leia</p>	

RESULT

INTERPRETATION

MC1R (E LOCUS)	E/E	
BROWN (B LOCUS)		Not requested.
DILUTE (D LOCUS)	D/d ¹	Carries 1 copy of the dilution variant.
DOMINANT BLACK (K LOCUS)	K/K	2 copies of dominant black are present
AGOUTI (A LOCUS)		Not requested.
MERLE	N/N	No copies of the merle associated SINE insertion.
PIEBALD (S LOCUS)	N/N	Dog has no copies of piebald.
HARLEQUIN (GREAT DANE)	N/N	No copies of Harlequin mutation are present.
NATURAL BOBTAIL		Not requested.
DOBERMAN OCA		Not requested.
GERMAN SHEPHERD PANDA SPOTTING		Not requested.
INTENSITY DILUTION		Not requested.

**DOG COAT COLOR / NATURAL BOBTAIL
TEST REPORT**

<i>Client/Owner/Agent Information:</i> JONAS GUNNARSSON DOMHERREVÄGEN, 1 18351 SWEDEN	<i>Case:</i> NCD148172 <i>Date Received:</i> 30-Mar-2021 <i>Report Issue Date:</i> 11-Apr-2021 <i>Report ID:</i> 3289-7401-5610-4077 Verify report at www.vgl.ucdavis.edu/verify
<i>Name:</i> BLACK JACK & BLUES JUST MY CHOICE	

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 Coat Color test results, please visit our website at:
www.vgl.ucdavis.edu/services/coatcolordog.php

For terms and conditions of testing, please see www.vgl.ucdavis.edu/about/terms-and-conditions

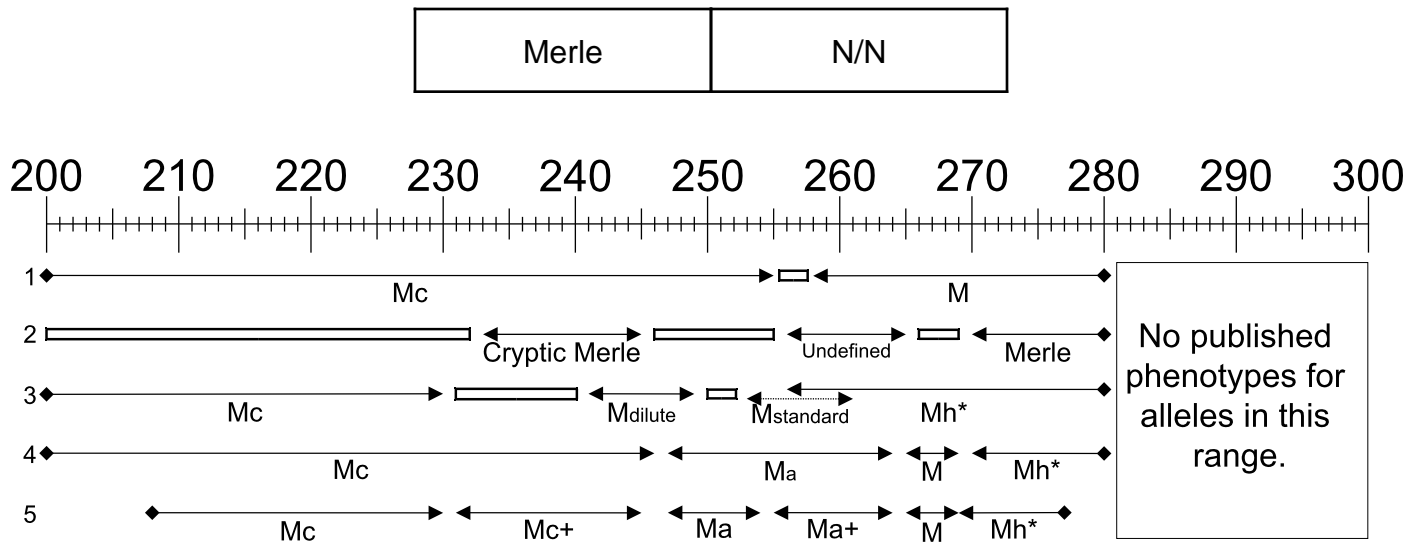
Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

**ADDITIONAL INFORMATION FOR
 MERLE RESULTS**

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DOB: 04/01/2017 Sex: Female Breed: Great Dane Color: Black	
Call Name: Leia	

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.