

DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

<p><i>Provided Information:</i></p> <p><i>Name:</i> RED BOY- PY</p> <p><i>Registration:</i></p>	<p><i>Case:</i> NCD151275</p> <p><i>Date Received:</i> 20-Apr-2021</p> <p><i>Report Issue Date:</i> 06-May-2021</p> <p><i>Report ID:</i> 4132-3079-2795-4120</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p>
<p><i>DOB:</i> 04/05/2021 <i>Sex:</i> Male <i>Breed:</i> French Bulldog</p>	
<p><i>Sire:</i> YOLO</p> <p><i>Reg:</i></p> <p><i>Microchip:</i></p>	<p><i>Dam:</i> PHYLLIS</p> <p><i>Reg:</i></p> <p><i>Microchip:</i></p>

RESULT

INTERPRETATION

MC1R (E LOCUS)	e ¹ /e ¹	2 copies of red/yellow/cream
BROWN (B LOCUS)	B/B	Does not carry brown - cannot have brown offspring
DILUTE (D LOCUS)	d¹/d¹	Dilute. 2 copies of the dilution variants.
DOMINANT BLACK (K LOCUS)	N/N	Dog does not have the dominant black mutation
AGOUTI (A LOCUS)	a^t/a^t	Homozygous for black-and-tan
MERLE	N/268	One copy of the merle associated SINE insertion. See attachment (last page) for additional information.
PIEBALD (S LOCUS)	N/N	Dog has no copies of piebald.
HARLEQUIN (GREAT DANE)		Not requested.
NATURAL BOBTAIL		Not requested.
DOBERMAN OCA		Not requested.
GERMAN SHEPHERD PANDA SPOTTING		Not requested.
INTENSITY DILUTION	In/In	2 copies of intensity dilution. Red pigment is likely to be diluted to cream or white.

DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

<i>Client/Owner/Agent Information:</i> MANDY PILGRIM	<i>Case:</i> NCD151275 <i>Date Received:</i> 20-Apr-2021 <i>Report Issue Date:</i> 06-May-2021 <i>Report ID:</i> 4132-3079-2795-4120 Verify report at www.vgl.ucdavis.edu/verify
<i>Name:</i> RED BOY- PY	

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

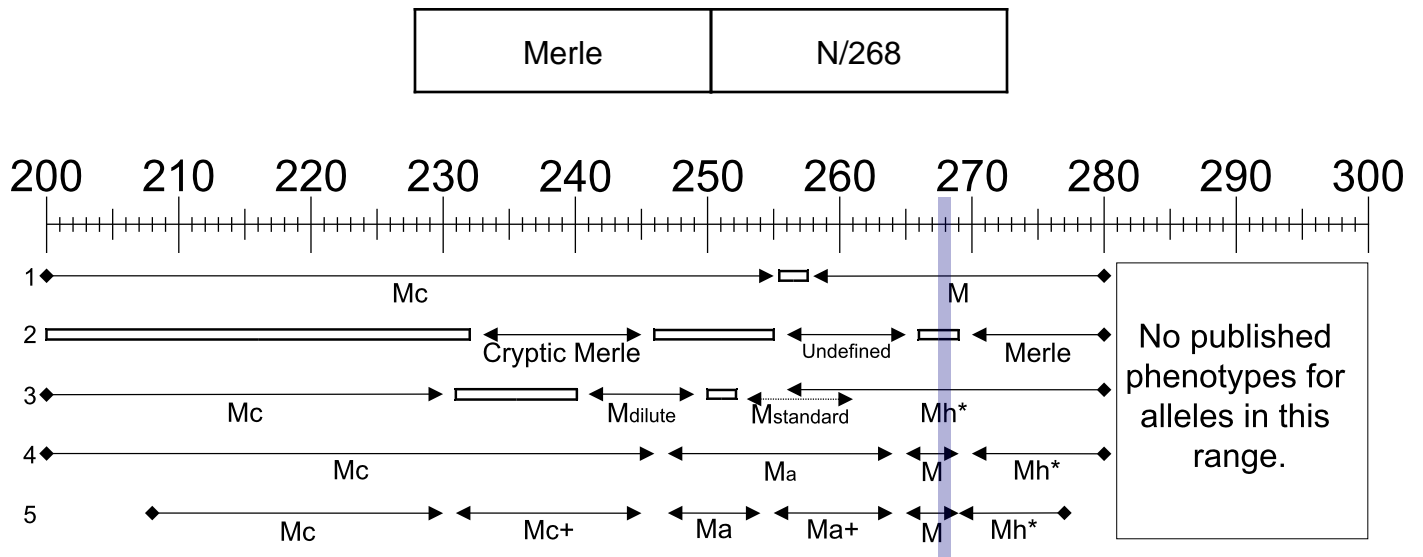
Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

ADDITIONAL INFORMATION FOR MERLE RESULTS

<p>Provided Information:</p> <p>Name: RED BOY- PY</p> <p>Registration:</p>	<p>Case: NCD151275</p> <p>Date Received: 20-Apr-2021</p> <p>Report Issue Date: 06-May-2021</p> <p>Report ID: 4132-3079-2795-4120</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p>
<p>DOB: 04/05/2021 Sex: Male Breed: French Bulldog</p>	
<p>Sire: YOLO</p> <p>Reg:</p> <p>Microchip:</p>	<p>Dam: PHYLLIS</p> <p>Reg:</p> <p>Microchip:</p>

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.

DOG COAT TYPE TEST REPORT

<p><i>Provided Information:</i></p> <p><i>Name:</i> RED BOY- PY</p> <p><i>Registration:</i></p>	<p><i>Case:</i> NCD151275</p> <p><i>Date Received:</i> 20-Apr-2021</p> <p><i>Report Issue Date:</i> 03-May-2021</p> <p><i>Report ID:</i> 0943-0905-6117-3080</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p>
<p><i>DOB:</i> 04/05/2021 <i>Sex:</i> Male <i>Breed:</i> French Bulldog</p>	
<p><i>Sire:</i> YOLO</p> <p><i>Reg:</i></p> <p><i>Microchip:</i></p>	<p><i>Dam:</i> PHYLLIS</p> <p><i>Reg:</i></p> <p><i>Microchip:</i></p>

RESULT

INTERPRETATION

COAT LENGTH	S/L4	
CURL		Not requested.
FURNISHINGS		Not requested.
IMPROPER COAT		Not requested.

DOG COAT TYPE TEST REPORT

<i>Client/Owner/Agent Information:</i> MANDY PILGRIM	<i>Case:</i> NCD151275 <i>Date Received:</i> 20-Apr-2021 <i>Report Issue Date:</i> 03-May-2021 <i>Report ID:</i> 0943-0905-6117-3080 Verify report at www.vgl.ucdavis.edu/verify
<i>Name:</i> RED BOY- PY	

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 Type test results, please visit our website at:
www.vgl.ucdavis.edu/services/DogCoatLengthCurlandFurnishings.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

COCOA TEST REPORT

<i>Provided Information:</i>	<i>Case:</i> NCD151275
<i>Name:</i> RED BOY- PY	<i>Date Received:</i> 20-Apr-2021
<i>Registration:</i>	<i>Report Issue Date:</i> 04-May-2021
	<i>Report ID:</i> 3467-3822-9194-0151
Verify report at www.vgl.ucdavis.edu/verify	
<i>DOB:</i> 04/05/2021 <i>Sex:</i> Male <i>Breed:</i> French Bulldog	
<i>Sire:</i> YOLO	<i>Dam:</i> PHYLLIS
<i>Reg:</i>	<i>Reg:</i>
<i>Microchip:</i>	<i>Microchip:</i>

RESULT

INTERPRETATION

COCOA	co/co
--------------	--------------

2 copies of the cocoa variant.

COCOA TEST REPORT

<i>Client/Owner/Agent Information:</i> MANDY PILGRIM	<i>Case:</i> NCD151275 <i>Date Received:</i> 20-Apr-2021 <i>Report Issue Date:</i> 04-May-2021 <i>Report ID:</i> 3467-3822-9194-0151 Verify report at www.vgl.ucdavis.edu/verify
<i>Name:</i> RED BOY- PY	

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 Cocoa test results, please visit our website at:
www.vgl.ucdavis.edu/test/cocoa-dog

This test is specific for the autosomal recessive variant causing cocoa in French Bulldogs and is distinct from the other known variants resulting in a brown phenotype

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