



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

Provided Information:			Case:	
Name: PAPE LO	OUIS V HERMES		Date Received: Report Issue Date:	17-Dec-2020 07-Jan-2021
			Report ID:	4102-8983-3432-3062
Registration:			Verify report at y	www.vgl.ucdavis.edu/verify
DOB: 07/29/2020 Sex: Male	Breed: French Bulldog	Color: Fawn	volity topolit at t	
Call Name: Louis				
Sire: CHAMPAGNE PA	PI	Dam: LADY S	SAPPHIRE	
Reg:		Reg:		
Microchip:		Microchip:		
RESULT	[	INTERPR	RETATION	
MC1R (E LOCUS)	E/e <sup>1</sup>	1 copy of black and 1 copy of red/yellow/	/cream	
BROWN (B LOCUS)	B/B	Does not carry brown - cannot have brown offspring		
DILUTE (D LOCUS)	d <sup>1</sup> /d <sup>1</sup>	Dilute, 2 copies of the dilution variants.		
DOMINANT BLACK (K LOCUS)	K/N	1 copy of dominant black is present *		
AGOUTI (A LOCUS)	a/a	Homozygous for recessive black		
MERLE	N/N	No copies of the merle associated SINE is	nsertion.	
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 pigmer	nt is likely to be diluted to cream	or white.



# COCOA TEST REPORT

Provided Information:			Case:	
Name: PAPE LOUIS V HERMES   Registration: Image: Ima		Date Received: Report Issue Date: Report ID:	17-Dec-2020 23-Dec-2020	
			Verify report a	at www.vgl.ucdavis.edu/verify
DOB: 07/29/2020 Sex: Male Breed: French Bulldog Color: Fawn				
Call Name: Louis				
Sire: CHAMPAGNE P	Sire: CHAMPAGNE PAPI Dam: LADY SAPPHIRE			
Reg: Reg:				
Microchip: Microchip:				
RESULT INTERPRETATION				
СОСОА	OCOA co/co 2 copies of the cocoa variant.			



### COCOA TEST REPORT

Client/Owner/Agent Information:	Case:	
SHERI QUINTON	Date Received:	17-Dec-2020
	Report Issue Date:	23-Dec-2020
	Report ID:	
	Verify report at ww	/w.vgl.ucdavis.edu/verify
Name: PAPE LOUIS V HERMES		

#### **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



# DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

Client/Owner/Agent Information:	Case:	
SHERI QUINTON	Date Received:	17-Dec-2020
	Report Issue Date:	07-Jan-2021
	Report ID:	
	Verify report at wv	vw.vgl.ucdavis.edu/verify
Name: PAPE LOUIS V HERMES		

#### **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

\* This result is sometimes associated with the brindle pattern.

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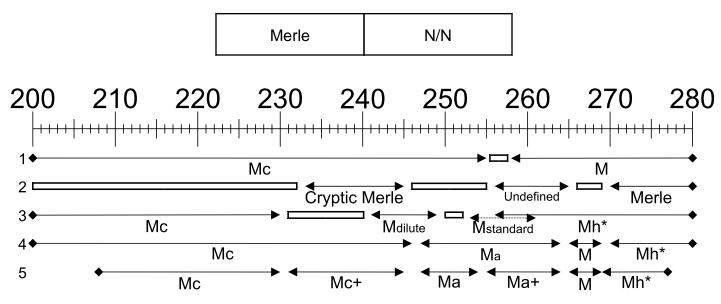
#### Report authorized by Dr. Rebecca Bellone, VGL Director



### ADDITIONAL INFORMATION FOR MERLE RESULTS

Provided Information:		Case:	
Name:PAPE LOUIS V HERMESRegistration:Image: Image: Imag		Date Received: Report Issue Date: Report ID:	17-Dec-2020 07-Jan-2021
		Verify report a	at www.vgl.ucdavis.edu/verify
DOB: 07/29/2020 Sex: Male Breed: French Bulldog Color: Fawn			
Call Name: Louis			
Sire: CHAMPAGNE PAPI	Dam: LADY	SAPPHIRE	
Reg:	Reg:		
Microchip:			

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.

<sup>1</sup>Previous merle pattern result reported by the VGL. Mc=200-255, M=258-280

<sup>2</sup>Merle pattern nomenclature defined by Clark et al. 2006.

- <sup>3</sup>Merle pattern nomenclature defined by Murphy et al. 2018. Mc=200-230, Mdilute=241-249, Mstandard=253-261, Mh=256-280
- <sup>4</sup>Merle pattern nomenclature defined by Ballif et al. 2018. Mc=200-246, Ma=247-264, M=265-269, Mh=270-280
- <sup>5</sup>Merle 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.



### EXERCISE INDUCED COLLAPSE (EIC) TEST REPORT

Provided Information:			Case:	17 Dec 2020
Name: PAPE LO	OUIS V HERMES		Date Received: Report Issue Date:	17-Dec-2020 30-Dec-2020
Registration:			Report ID:	
			Verify report a	at www.vgl.ucdavis.edu/verify
DOB: 07/29/2020 Sex: Male	Breed: French Bulldog	g Color: Fawn		
Call Name: Louis	Call Name: Louis			
Sire: CHAMPAGNE PAPI Dam: LADY SAPPHIRE				
Reg: Reg:				
Microchip: Microchip:				
<b>RESULT</b> INTERPRETATION				
Exercise Induced Collapse (EIC)	N/N	No copies of the EIC mutation detected. Dog is normal.		



### EXERCISE INDUCED COLLAPSE (EIC) TEST REPORT

Client/Owner/Agent Information: SHERI QUINTON	Case: Date Received: Report Issue Date: Report ID:	17-Dec-2020 30-Dec-2020
	Verify report at ww	ww.vgl.ucdavis.edu/verify
Name: PAPE LOUIS V HERMES		

#### **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 EIC test results, please visit our website at: www.vgl.ucdavis.edu/services/dog/EIC.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



### FRENCH BULLDOG GENETIC HEALTH PANEL TEST REPORT

Provided Information:			Case:	
Name: PAPI	E LOUIS V HERMES		Date Received:	17-Dec-2020 30-Dec-2020
Ivame. FAFI			Report Issue Date: Report ID:	30-Dec-2020
Registration:			Kepon ID.	
			Verify report a	at www.vgl.ucdavis.edu/verify
DOB: 07/29/2020 Sex: N	Male Breed: French Bulldo	g Color: Fawn		
Call Name: Louis				
Sire: CHAMPAGNE	PAPI	Dam: LADY	SAPPHIRE	
Reg:		Reg:		
Microchip:	Microchip: Microchip:			
RESU	JLT	INTERP	RETATION	
Canine Multifocal Retinopathy (CMR1)	N/N	Normal - no copies of the CMR1 mutation	n.	
Degenerative Myelopat (DM)	hy N/DM	1 copy of the DM mutation.		
Juvenile Hereditary Cataract (JHC)	N/N	No copies of JHC mutation. Cataracts ma	ay however develop because o	f other genetic and environmental factors.
Hyperuricosuria (HUU	J) <b>N/N</b>	No copies of the hyperuricosuria mutation	n detected. Dog is normal.	



# FRENCH BULLDOG GENETIC HEALTH PANEL TEST REPORT

Client/Owner/Agent Information: SHERI QUINTON	Case: Date Received: Report Issue Date: Report ID:	17-Dec-2020 30-Dec-2020
	Verify report at wy	vw.vgl.ucdavis.edu/verify
Name: PAPE LOUIS V HERMES		

#### **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 French Bulldog Genetic test results, please visit our website at: www.vgl.ucdavis.edu/services/dog/FrenchBulldogHealthPanel.php

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

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#### Report authorized by Dr. Rebecca Bellone, VGL Director

# PAPE LOUIS V HERMES

M FAWN FRENCH BULLDOG Born Jul 29 2020

Sire: Dam:



Registry	Test Date	Report Date	Age (m)	Conclusion	OFA Number
TRACHEAL HYPOPLASIA	Sep 7 2021	Sep 14 2021	13	NORMAL	FBU-TRH793/13M-VPI
PATELLA	Oct 18 2021	Oct 27 2021	14	NORMAL	FBU-PA4776/14M/P-VPI
BASIC CARDIAC	Oct 18 2021	Oct 27 2021	14	NORMAL-PRACTITIONER	FBU-BCA781/14M/P-VPI
THYROID	Oct 19 2021	Nov 4 2021	14	NORMAL	FBU-TH451/14M-VPI
ELBOW	Oct 4 2022	Nov 16 2022	26	NORMAL	FBU-EL1093M26-U-VPI
HIPS	Oct 4 2022	Nov 16 2022	26	GOOD	FBU-2213G26M-U-VPI