

CANINE GENETIC MARKER TEST REPORT

Provided Information:	Case: NCD121056
Name: JAGER PUNK	Date Received: 03-Aug-2020
Registration:	Report Issue Date: 22-Sep-2020
	Report ID: 1990-1368-1758-2195
	Verify report at www.vgl.ucdavis.edu/verify
DOB: <i>Sex:</i> Male <i>Breed:</i> French Bulldog	

RESULTS AND INTERPRETATION

Permanent Record.

GENETIC MARKERS

<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>	<u>LOCUS</u>	<u>TYPE</u>
<i>AHT121</i>	96/98	<i>AHT137</i>	149/151	<i>AHTH130</i>	121/121
<i>AHTH171-A</i>	219/225	<i>AHTH260</i>	238/252	<i>AHTk211</i>	87/87
<i>AHTk253</i>	290/292	<i>C22.279</i>	120/126	<i>FH2001</i>	132/132
<i>FH2054</i>	156/168	<i>FH2848</i>	238/240	<i>INRA21</i>	95/95
<i>INU005</i>	126/130	<i>INU030</i>	150/152	<i>INU055</i>	210/218
<i>LEI004</i>	107/95	<i>REN105L03</i>	229/233	<i>REN162C04</i>	202/202
<i>REN169D01</i>	216/216	<i>REN169O18</i>	168/168	<i>REN247M23</i>	268/268
<i>REN54P11</i>	226/226	<i>REN64E19</i>	145/153		

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<i>Name:</i> JAGER PUNK	

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.

The Veterinary Genetics Laboratory is an institutional member of ISAG. DNA types are reported according to standardized nomenclature for markers in the ISAG panel.

For more detailed information on Genetic Marker test results, please visit our website at: www.vgl.ucdavis.edu/services/dnatyping.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

DOG COAT COLOR / NATURAL BOBTAIL TEST REPORT

<p><i>Provided Information:</i></p> <p><i>Name:</i> JAGER PUNK</p> <p><i>Registration:</i></p>	<p><i>Case:</i> NCD121056</p> <p><i>Date Received:</i> 03-Aug-2020</p> <p><i>Report Issue Date:</i> 21-Apr-2021</p> <p><i>Report ID:</i> 9864-6841-1666-1177</p> <p><i>Reissue of:</i> 1391-9764-1627-2177</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p>
<p><i>DOB:</i> <i>Sex:</i> Male <i>Breed:</i> French Bulldog</p>	

RESULT

INTERPRETATION

MC1R (E LOCUS)	e¹/e¹	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		Not requested.
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**

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<i>Name:</i> JAGER PUNK	

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

Additional Comments

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

<p><i>Provided Information:</i></p> <p><i>Name:</i> JAGER PUNK</p> <p><i>Registration:</i></p>	<p><i>Case:</i> NCD121056</p> <p><i>Date Received:</i> 03-Aug-2020</p> <p><i>Report Issue Date:</i> 17-May-2021</p> <p><i>Report ID:</i> 3204-4595-8362-7153</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p>
<p><i>DOB:</i> <i>Sex:</i> Male <i>Breed:</i> French Bulldog</p>	

RESULT

INTERPRETATION

Canine Multifocal Retinopathy (CMR1)	N/N	Normal - no copies of the CMR1 mutation.
Degenerative Myelopathy (DM)	N/N	No copies of the DM mutation.
Juvenile Hereditary Cataract (JHC)	N/N	No copies of JHC mutation. Cataracts may however develop because of other genetic and environmental factors.
Hyperuricosuria (HUU)	N/N	No copies of the hyperuricosuria mutation detected. Dog is normal.

FRENCH BULLDOG GENETIC HEALTH PANEL TEST REPORT

<i>Client/Owner/Agent Information:</i> MANDY PILGRIM	<i>Case:</i> NCD121056 <i>Date Received:</i> 03-Aug-2020 <i>Report Issue Date:</i> 17-May-2021 <i>Report ID:</i> 3204-4595-8362-7153 Verify report at www.vgl.ucdavis.edu/verify
<i>Name:</i> JAGER PUNK	

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

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 TYPE TEST REPORT

<p><i>Provided Information:</i></p> <p><i>Name:</i> JAGER PUNK</p> <p><i>Registration:</i></p>	<p><i>Case:</i> NCD121056</p> <p><i>Date Received:</i> 03-Aug-2020</p> <p><i>Report Issue Date:</i> 29-Apr-2021</p> <p><i>Report ID:</i> 0118-2465-7220-2008</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p>
<p><i>DOB:</i> <i>Sex:</i> Male <i>Breed:</i> French Bulldog</p>	

RESULT

INTERPRETATION

COAT LENGTH	L4/L4	Dog has long hair.
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> NCD121056 <i>Date Received:</i> 03-Aug-2020 <i>Report Issue Date:</i> 29-Apr-2021 <i>Report ID:</i> 0118-2465-7220-2008 Verify report at www.vgl.ucdavis.edu/verify
<i>Name:</i> JAGER PUNK	

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

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Report authorized by Dr. Rebecca Bellone, VGL Director

COCOA TEST REPORT

<i>Provided Information:</i>	<i>Case:</i> NCD121056
<i>Name:</i> JAGER PUNK	<i>Date Received:</i> 03-Aug-2020
<i>Registration:</i>	<i>Report Issue Date:</i> 27-Apr-2021
	<i>Report ID:</i> 5274-0691-5875-3173
	Verify report at www.vgl.ucdavis.edu/verify
<i>DOB:</i> <i>Sex:</i> Male <i>Breed:</i> French Bulldog	

RESULT

INTERPRETATION

COCOA	co/co
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2 copies of the cocoa variant.

COCOA TEST REPORT

<i>Client/Owner/Agent Information:</i> MANDY PILGRIM	<i>Case:</i> NCD121056 <i>Date Received:</i> 03-Aug-2020 <i>Report Issue Date:</i> 27-Apr-2021 <i>Report ID:</i> 5274-0691-5875-3173 Verify report at www.vgl.ucdavis.edu/verify
<i>Name:</i> JAGER PUNK	

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