

CATTLE GENETIC MARKER TEST REPORT

Provided Information:	Case: NC85775
<i>Name:</i> ANNABELLE	<i>Date Received:</i> 08-Aug-2024
<i>Registration:</i>	<i>Report Issue Date:</i> 12-Aug-2024
	<i>Report ID:</i> 9217-5713-8828-9017
	Verify report at vgl.ucdavis.edu/verify
<i>DOB:</i> 08/02/2024 <i>Sex:</i> Female <i>Breed:</i> Scottish Highland	

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>BM1818</i>	266	<i>BM1824</i>	180	<i>BM2113</i>	127/133
<i>BRR</i>	244/260	<i>CYP21</i>	191	<i>ETH003</i>	117
<i>ETH10</i>	219/221	<i>ETH225</i>	140/148	<i>INRA23</i>	208
<i>RM006</i>	110/116	<i>RM067</i>	102	<i>SPS115</i>	248/256
<i>TGLA122</i>	141/143	<i>TGLA126</i>	115/123	<i>TGLA227</i>	89

CATTLE GENETIC MARKER TEST REPORT

Client/Owner/Agent Information: MIKE ISAAC 17020 HEBRON RD HARVARD, IL 60033-9363	Case: NC85775 Date Received: 08-Aug-2024 Report Issue Date: 12-Aug-2024 Report ID: 9217-5713-8828-9017 Verify report at vgl.ucdavis.edu/verify
Name: ANNABELLE	

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: vgl.ucdavis.edu/services/parentage

For terms and conditions of testing, please see 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

Veterinary Genetics Laboratory · University of California Davis · One Shields Ave · Davis, CA 95616
vgl.ucdavis.edu · (530) 752-2211

CATTLE COAT COLOR TEST REPORT

<i>Provided Information:</i>	<i>Case:</i> NC85775
<i>Name:</i> ANNABELLE	<i>Date Received:</i> 08-Aug-2024
<i>Registration:</i>	<i>Report Issue Date:</i> 12-Aug-2024
	<i>Report ID:</i> 7701-6580-4780-1077
Verify report at vgl.ucdavis.edu/verify	
<i>DOB:</i> 08/02/2024 <i>Sex:</i> Female <i>Breed:</i> Scottish Highland	

RESULT

INTERPRETATION

DILUTION	Dh/N
MC1R (EXTENSION)	E^D/e

One copy of the PMEL17-delTTC dilution variant. Coat color is gray or pale-red.

Dominant black, carrier of recessive red.

CATTLE COAT COLOR TEST REPORT

<p><i>Client/Owner/Agent Information:</i> MIKE ISAAC 17020 HEBRON RD HARVARD, IL 60033-9363</p>	<p>Case: NC85775 <i>Date Received:</i> 08-Aug-2024 <i>Report Issue Date:</i> 12-Aug-2024 <i>Report ID:</i> 7701-6580-4780-1077</p> <p style="text-align: right;">Verify report at vgl.ucdavis.edu/verify</p>
<p><i>Name:</i> ANNABELLE</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 Cattle Coat Color test results, please visit our website at:
vgl.ucdavis.edu/test/mc1r-cattle
vgl.ucdavis.edu/test/cattle-dilution

For terms and conditions of testing, please see 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).

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DEXTER GENETIC TEST REPORT

<p><i>Provided Information:</i></p> <p><i>Name:</i> ANNABELLE</p> <p><i>Registration:</i></p>	<p><i>Case:</i> NC85775</p> <p><i>Date Received:</i> 08-Aug-2024</p> <p><i>Report Issue Date:</i> 12-Aug-2024</p> <p><i>Report ID:</i> 1769-3991-1074-3191</p> <p style="text-align: center; font-size: small;">Verify report at vgl.ucdavis.edu/verify</p>
<p><i>DOB:</i> 08/02/2024 <i>Sex:</i> Female <i>Breed:</i> Scottish Highland</p>	

RESULT	INTERPRETATION
MC1R (EXTENSION)	Animal has one copy of dominant black and one copy of recessive red.
E^D/e	
Dun (TYRP1)	
Not Requested	
Pulmonary Hypoplasia with Anasarca (PHA)	
Not Requested	
Polled vs. Horned	HORNED. No copies of either Polled molecular marker are present.
H/H	
Bulldog Dwarfism (BD1)	Normal, does not have the Dexter BD1 Bulldog mutation.
N/N	
Bulldog Dwarfism (BD2)	
Not Requested	

DEXTER GENETIC TEST REPORT

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<p><i>Name:</i> ANNABELLE</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 Dexter Genetic test results, please visit our website at: vgl.ucdavis.edu/services/cattle/dexter-tests

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

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