

## CATTLE COAT COLOR TEST REPORT

<b>Provided Information:</b>	<b>Case:</b> <b>NC85008</b>
<b>Name:</b> <b>EMMA</b>	<b>Date Received:</b> 28-Jun-2024
<b>Registration:</b>	<b>Report Issue Date:</b> 02-Jul-2024
	<b>Report ID:</b> 4746-5369-9199-6142
	Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a>
<b>DOB: 06/24/2024 Sex: Female Breed: Scottish Highland</b>	

### RESULT

### INTERPRETATION

<b>DILUTION</b>	<b>Dh/N</b>
<b>MC1R (EXTENSION)</b>	<b>E<sup>+</sup>/e</b>

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

Wild type, 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><b>Case:</b> <b>NC85008</b>  <i>Date Received:</i> 28-Jun-2024  <i>Report Issue Date:</i> 02-Jul-2024  <i>Report ID:</i> 4746-5369-9199-6142</p> <p style="text-align: right;">Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
<p><i>Name:</i> <b>EMMA</b></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](http://vgl.ucdavis.edu/test/mc1r-cattle)  
[vgl.ucdavis.edu/test/cattle-dilution](http://vgl.ucdavis.edu/test/cattle-dilution)

For terms and conditions of testing, please see [vgl.ucdavis.edu/about/terms-and-conditions](http://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](http://vgl.ucdavis.edu) · (530) 752-2211



## DEXTER GENETIC TEST REPORT

<b>Provided Information:</b>  Name: <b>EMMA</b>  Registration:	<b>Case: NC85008</b> Date Received: 28-Jun-2024 Report Issue Date: 02-Jul-2024 Report ID: 9152-8187-3317-5113  <p style="text-align: center; font-size: small;">Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
DOB: <b>06/24/2024</b> Sex: <b>Female</b> Breed: <b>Scottish Highland</b>	

RESULT	INTERPRETATION
<b>MC1R (EXTENSION)</b>	Animal has one copy of wild type and one copy of recessive red and is red in color.
<b>E<sup>+</sup>/e</b>	
<b>Dun (TYRP1)</b>	
Not Requested	
<b>Pulmonary Hypoplasia with Anasarca (PHA)</b>	
Not Requested	
<b>Polled vs. Horned</b>	
<b>H/H</b>	
<b>Bulldog Dwarfism (BD1)</b>	Normal, does not have the Dexter BD1 Bulldog mutation.
<b>N/N</b>	
<b>Bulldog Dwarfism (BD2)</b>	
Not Requested	

## DEXTER GENETIC TEST REPORT

<p><i>Client/Owner/Agent Information:</i>          MIKE ISAAC          17020 HEBRON RD          HARVARD, IL 60033-9363</p>	<p><b>Case:</b> <b>NC85008</b>  <i>Date Received:</i> 28-Jun-2024  <i>Report Issue Date:</i> 02-Jul-2024  <i>Report ID:</i> 9152-8187-3317-5113</p> <p style="text-align: center; font-size: small;">Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
<p><i>Name:</i> <b>EMMA</b></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](http://vgl.ucdavis.edu/services/cattle/dexter-tests)

For terms and conditions of testing, please see [vgl.ucdavis.edu/about/terms-and-conditions](http://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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