

CATTLE COAT COLOR TEST REPORT

<i>Provided Information:</i>	<i>Case:</i> NC80439
<i>Name:</i> HANNAH	<i>Date Received:</i> 01-Nov-2023
<i>Registration:</i>	<i>Report Issue Date:</i> 07-Nov-2023
	<i>Report ID:</i> 4897-6521-0387-2188
	Verify report at www.vgl.ucdavis.edu/verify
<i>DOB:</i> 06/14/2023 <i>Sex:</i> Female <i>Breed:</i> Scottish Highland	

RESULT

INTERPRETATION

DILUTION	N/N
MC1R (EXTENSION)	E^D/E⁺

No copies of the PMEL17 variants associated with the dilute color phenotype.

Dominant black, carrier of wild type.

DEXTER GENETIC TEST REPORT

<p><i>Provided Information:</i></p> <p><i>Name:</i> HANNAH</p> <p><i>Registration:</i></p>	<p><i>Case:</i> NC80439</p> <p><i>Date Received:</i> 01-Nov-2023</p> <p><i>Report Issue Date:</i> 07-Nov-2023</p> <p><i>Report ID:</i> 6353-8229-8204-6122</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p>
<p><i>DOB:</i> 06/14/2023 <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 wild type (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)	Carrier, has one copy of the Dexter BD1 Bulldog mutation. Breeding to another carrier will produce 25% affected calves.
N/BD1	
Bulldog Dwarfism (BD2)	
Not Requested	