



VETERINARY GENETICS LABORATORY
SCHOOL OF VETERINARY MEDICINE
ONE SHIELDS AVENUE
DAVIS, CALIFORNIA 95616-8744

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HORSE COAT COLOR / PATTERN TEST RESULTS

JILL FREEMAN CHARLOTTE FARMS, INC.	Case: HR10404 Date Received: 18-Sep-2019 Print Date: 18-Oct-2019 Report ID: 4858-7458-6063-6064 Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm
Horse: ONCE IN A BLU BOON DOB: 01/01/2008 Sex: Stallion Breed: Quarter Horse	Reg:

RED FACTOR	E/e	Both black and red factors detected.	SPLASHED WHITE (SW1, SW3)	N/N	No copies of SW1 or SW3 detected.
AGOUTI	A/a	1 copy of agouti. If present, black pigment is restricted to the points.	SPLASHED WHITE (SW2, SW4)	N/N	No copies of SW2 or SW4 detected.
CREAM	N/N	No copies of Cream dilution detected.	TOBIANO	N/N	No copies of Tobiano detected.
PEARL	N/N	No copies of Pearl dilution detected.	LEOPARD	N/N	No copies of Leopard Complex detected.
SILVER	N/N	No copies of Silver dilution detected.	PATTERN-1	N/N	No copies of PATN1 detected.*
DUN	nd2/nd2	Horse is not Dun dilute. Primitive markings are absent.	BRINDLE 1		Not requested.
CHAMPAGNE	N/N	No copies of Champagne dilution detected.	TIGER EYE		Not requested.
LETHAL WHITE OVERO	N/N	No copies of lethal white overo detected.	MUSHROOM (SHETLAND PONY)		Not requested.
SABINO 1	N/N	No copies of Sabino 1 detected.	GRAY	Absent	Gray gene is absent. Horse will not turn gray.
DOMINANT WHITE (W5, W10, W20)	N/N	No copies of W5, W10 or W20 detected.	ROAN	Rn/N	1 copy of classic Roan detected.

*Pattern-1: In order for high levels of white spotting to be visible on horses that inherit PATN1, LP must also be present.

For more detailed information on Horse Coat Color results, please visit:
www.vgl.ucdavis.edu/services/coatcolorhorse.php



AMERICAN QUARTER HORSE GENETIC HEALTH PANEL TEST REPORT

Client/Owner/Agent Information: AMERICAN QUARTER HORSE ASSOCIATION Provided Information: Name: ONCE IN A BLU BOON Registration: 5392297		Date Received: 10-Jul-2015 Report Issue Date: 29-Sep-2025 Report ID: 4713-3741-3447-0040 Reissue of: 4335-5152-4260-4002
YOB: 2008 Sex: Stallion Breed: Quarter Horse Alt. ID: 6324055		
Sire: PEPTOBOONSMAL Reg: 3097910 Microchip:	Dam: AUTUMN BOON Reg: 4210858 Microchip:	

RESULT		INTERPRETATION
Glycogen Branching Enzyme Deficiency (GBED)	N/N	Normal. No copies of the GBED allele detected.
Hereditary Equine Regional Dermal Asthenia (HERDA)	N/N	Normal. No copies of the HERDA allele detected.
Hyperkalemic Periodic Paralysis (HYPP)	N/N	Normal. No copies of the HYPP allele detected.
Malignant Hyperthermia (MH)	N/N	Normal. No copies of the MH allele detected.
Polysaccharide Storage Myopathy Type 1 (PSSM1)	N/N	Normal. No copies of the PSSM1 allele detected.

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 American Quarter Horse Genetic Health Panel test results, please visit our website at: vgl.ucdavis.edu/panel/quarter-horse-disease-panel

License Information

The GBED test is performed under a license agreement with the University of Minnesota.

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

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EQUINE JUVENILE SPINOCEREBELLAR ATAXIA TEST REPORT

<i>Provided Information:</i>		<i>Case:</i>	NQ115364
<i>Name:</i>	ONCE IN A BLU BOON	<i>Date Received:</i>	27-Sep-2024
<i>Registration:</i>	5392297	<i>Report Issue Date:</i>	01-Oct-2024
		<i>Report ID:</i>	6262-4949-3817-1144
		Verify report at vgl.ucdavis.edu/verify	
DOB: 05/04/2008 Sex: Stallion Breed: Quarter Horse			

RESULT

Equine Juvenile Spinocerebellar Ataxia	N/N
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INTERPRETATION

Normal. No copies of the allele associated with equine juvenile spinocerebellar ataxia (EJSCA) detected.



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IMM AND MYH1 MYOPATHY (MYHM) GENETIC TEST REPORT

JILL FREEMAN
CHARLOTTE FARMS, INC.

Case: **HR10404**

Date Received: 18-Sep-2019

Print Date: 14-Nov-2019

Report ID: 1809-4735-4756-5031

Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm

Name: ONCE IN A BLU BOON

Reg:

DOB: 01/01/2008 **Sex:** Stallion **Breed:** Quarter Horse

IMM and MYH1 Myopathy

N/N

No copies of the MYHM mutation. Horse does not have increased susceptibility for IMM or nonexertional rhabdomyolysis.

For more detailed information on MYHM test results, please go to:
www.vgl.ucdavis.edu/services/horse/IMM.php