

**AMERICAN QUARTER HORSE GENETIC HEALTH  
 PANEL TEST REPORT**

<b>Client/Owner/Agent Information:</b> AMERICAN QUARTER HORSE ASSOCIATION		<b>Date Received:</b> 04-Apr-2012 <b>Report Issue Date:</b> 16-Feb-2023 <b>Report ID:</b> 4066-1122-8398-8142 <b>Reissue of:</b> 6404-1946-1721-7068
<b>Provided Information:</b> <b>Name:</b> METALLIC CAT <b>Registration:</b> 4702523		
<b>DOB: 01/01/2005 Sex: Stallion Breed: Quarter Horse Alt. ID: 5470461</b>		
<b>Sire:</b> HIGH BROW CAT <b>Reg:</b> 2706274 <b>Microchip:</b>	<b>Dam:</b> CHERS SHADOW <b>Reg:</b> 3684197 <b>Microchip:</b>	

RESULT		INTERPRETATION
Glycogen Branching Enzyme Deficiency (GBED)	N/N	Normal. No copies of the GBED allele detected.
Hereditary Equine Regional Dermal Asthenia (HERDA)	N/HRD	Carrier. One copy 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: [www.vgl.ucdavis.edu/panel/quarter-horse-disease-panel](http://www.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 Genetic Testing Report



**Submitted By**  
Debbie Patterson  
Brazos Valley Stallion Station LP  
21351 N US Hwy 377  
Stephenville, TX 76401

**Subject Horse** Date Received: 2/11/2020

Horse Name: **Metallic Cat** Lab Reference #: 00133770  
 Breed: Quarter Horse Registration: 4702523  
 Phenotype: Red Roan Birth: 2005  
 Sex: Stallion

**Sire**

Sire Name: High Brow Cat  
 Breed: Quarter Horse  
 Registration:  
 Phenotype: Sorrel

**Dam**

Dam Name: Chers Shadow  
 Breed: Quarter Horse  
 Registration:  
 Phenotype:

Coat Color and Pattern Testing		
Tobiano		Not Tested
Frame Overo		Not Tested
Sabino 1		Not Tested
Splashed White 1		Not Tested
Splashed White 2		Not Tested
Splashed White 3		Not Tested
Appaloosa (LP)		Not Tested
PATN1		Not Tested
Red/Black Factor		Not Tested
Agouti		Not Tested
Cream Dilution		Not Tested
Dun Dilution		Not Tested
Silver Dilution		Not Tested
Champagne		Not Tested
Pearl Dilution		Not Tested
Gray		Not Tested

Genetic Disorders			
			Not Tested
			Not Tested
			Not Tested
			Not Tested
X	IMM	N/N	Horse tested negative for the mutation associated with IMM.
	PSSM 1		Not Tested
	FIS		Not Tested
	JEB1		Not Tested
	JEB2		Not Tested
	CA		Not Tested
	LFS		Not Tested
	SCID		Not Tested
	OAAM1		Not Tested
	WFFS1		Not Tested

**Additional Comments**  
None

Genetic Marker Results						Run Date:
-	-	-	-	-	-	Not Tested
AHT4	AHT5	ASB17	ASB2	ASB23	AME	CA425UK
-	-	-	-	-	-	
HMS3	HMS6	HMS7	HTG10	HTG4	LEX3	LEX33
-	-	-	-	-	-	
VHL20	UMD11	HMS1	HMS2	HTG6	HTG7	