



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

| | | |
|---|--|---|
| Client/Owner/Agent Information: AMERICAN QUARTER HORSE ASSOCIATION | | Date Received: 10-Dec-2012 Report Issue Date: 16-Feb-2023 Report ID: 1748-2553-9375-3011 Reissue of: 3268-5130-0980-1031 |
| Provided Information: Name: METALLIC REBEL Registration: 5506591 | | |
| DOB: 01/01/2012 Sex: Stallion Breed: Quarter Horse Alt. ID: 6425890 | | |
| Sire: METALLIC CAT Reg: 4702523 Microchip: | Dam: SWEET ABRA Reg: 4402167 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/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

License Information

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

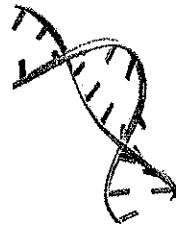
Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

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



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: 1/26/2022

Horse Name: **Metallic Rebel**
 Breed: Quarter Horse
 Phenotype: Red Roan
 Sex:

Lab Reference #: 00162860
 Registration: 5506591
 Birth: 2012

Sire

Sire Name: Metallic Cat
 Breed: Quarter Horse
 Registration:
 Phenotype: Red Roan

Dam

Dam Name: Abrakadabracre
 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

| | | |
|---|--------|---|
| | HYPP | Not Tested |
| | HERDA | Not Tested |
| | GBED | Not Tested |
| | MH | 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 |

Genetic Marker Results

Run Date: Not Tested

| | | | | | | |
|-------|-------|-------|-------|-------|------|---------|
| - | - | - | - | - | - | - |
| AHT4 | AHT5 | ASB17 | ASB2 | ASB23 | AME | CA425UK |
| - | - | - | - | - | - | - |
| HMS3 | HMS6 | HMS7 | HTG10 | HTG4 | LEX3 | LEX33 |
| - | - | - | - | - | - | - |
| VHL20 | UM011 | HMS1 | HMS2 | HTG6 | HTG7 | |

Additional Comments

None