

<b>Client/Owner/Agent Information:</b> <b>AMERICAN QUARTER HORSE ASSOCIATION</b>  <b>Provided Information:</b> <b>Name: FG PHENOMENAL FELLA</b> <b>Registration: 5606096</b>	<b>Date Received:</b> 08-Feb-2017 <b>Report Issue Date:</b> 03-Dec-2020 <b>Report ID:</b> 9860-7257-8048-4199
<b>YOB: 2014 Sex: Stallion Breed: Quarter Horse Alt. ID: 6600169</b>	
<b>Sire: MR YELLA FELLA</b> <b>Reg: 3337834</b> <b>Microchip:</b>	<b>Dam: PHENOMENAL MS</b> <b>Reg: 4298091</b> <b>Microchip:</b>

**RESULT**

**INTERPRETATION**

<b>Glycogen Branching Enzyme Deficiency (GBED)</b>	<b>N/N</b>	Normal - Does not possess the disease-causing GBED gene
<b>Hereditary Equine Regional Dermal Asthenia (HERDA)</b>	<b>N/N</b>	Normal - horse does not have the HERDA gene
<b>Hyperkalemic Periodic Paralysis (HYPP)</b>	<b>N/H</b>	Hyperkalemic - Heterozygous (one normal and one HYPP gene)
<b>Malignant Hyperthermia (MH)</b>	<b>N/N</b>	Normal - horse does not have the MH gene
<b>Polysaccharide Storage Myopathy Type 1 (PSSM1)</b>	<b>N/PSSM1</b>	Affected - horse has one copy of the PSSM1 gene

**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 Equine Disease Panel test results, please visit our website at:  
[www.vgl.ucdavis.edu/services/horse/qhpanel.php](http://www.vgl.ucdavis.edu/services/horse/qhpanel.php)

**License Information**

GBED testing performed under a license agreement with the University of Minnesota.  
 HERDA testing performed under a license agreement with the University of California, Davis.  
 PSSM1 testing performed under a license agreement with the American Quarter Horse Association.

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