

3382 Capital Circle NE  
Tallahassee, FL 32308

# Genetic Testing Report

**KM Radically Sheik**
**Submitted By**

Stephanie Plote  
Stephanie Plote Performance Horses  
N3752 County Road K  
Hager City, WI 54014  
USA

**Owned By**

Stephanie Plote

**Subject Horse**

Horse Name: **KM Radically Sheik**  
Breed: **Quarter Horse**  
Phenotype:  
Sex: **Female**  
Birth: **Feb 23, 2010**

Lab Reference #: **632045**  
Registration: **5286765**
**Sire**

Sire: Zippos Sheik  
Breed: Quarter Horse  
Phenotype: Sorrel  
American Quarter Horse Association: 3077257

**Dam**

Dam: So Radical  
Breed: Quarter Horse  
Phenotype: Sorrel  
American Quarter Horse Association: 3566509

**Disorder Results (6 of 25)**

GBED	<b>N/Gb</b>	Carrier: Horse has one copy of the GBED gene mutation. Horse has a chance to pass this gene on to any offspring.
HERDA	<b>N/N</b>	Clear: Horse is negative for the HERDA gene mutation.
HYPP	<b>n/n</b>	Clear: Horse is negative for the HYPP gene mutation.
IMM	<b>N/N</b>	Clear: Horse is negative for the mutation associated with IMM.
MH	<b>n/n</b>	Clear: Horse is negative for the MH gene mutation.
PSSM1	<b>n/n</b>	Clear: Horse is negative for the PSSM Type 1 gene mutation.

**Color Results (8 of 25)**

Agouti	<b>A/a</b>	Heterozygous: Horse carries one copy (Aa) of the Agouti gene and has a chance to pass it on to all offspring.
Champagne	<b>n/n</b>	Negative: Horse is negative for the Champagne Dilution.
Cream	<b>n/n</b>	Negative: Horse is negative the for the Cream Dilution.
Dun	<b>nd2/nd2</b>	Non-Dun
Gray	<b>Absent</b>	Horse is negative for the Gray mutation.
Pearl	<b>n/n</b>	Negative: Horse is negative for Pearl Dilution.
Red/Black Factor	<b>e/e</b>	Homozygous Red: Horse carries two copies of the Red gene and will have a red base coat.
Silver	<b>n/n</b>	Negative: Horse is negative for the Silver Dilution gene mutation.

**Pattern Results (11 of 25)**

W10	<b>n/n</b>	Horse is negative for the W10 allele.
W13	<b>n/n</b>	Horse is negative for the W13 Dominant White mutation.
W20	<b>n/n</b>	Horse is negative for the W20 Dominant White mutation.
LP	<b>n/n</b>	Negative: Horse is negative for LP gene and will not be affected by Congenital Stationary Night Blindness (CSNB).



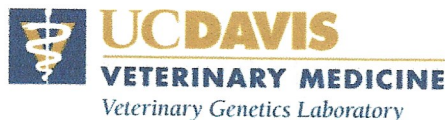
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### Pattern Results Continued

LWO	n/n	Negative: Horse is negative for the Frame Overo (LWO) gene.
PATN1	n/n	Negative: Horse does not carry the PATN-1 gene.
Sb1	n/n	Negative: Horse is negative for the Sabino 1 gene.
SW1	n/n	Negative: Horse is negative for the Splashed White 1 (SW1) mutation.
SW2	n/n	Negative: Horse is negative for the Splashed White 2 (SW2) mutation.
SW3	n/n	Negative: Horse is negative for the Splashed White 3 (SW3) mutation.
Tobiano	n/n	Negative: Horse is negative for the Tobiano gene mutation.



### EQUINE DISEASE PANEL TEST REPORT

<b>Provided Information:</b>  <b>Name:</b> IMPULSIFIED <b>Registration:</b> 00911686		<b>Case:</b> P86620 <b>Date Received:</b> 30-Mar-2016 <b>Report Issue Date:</b> 18-Jul-2023 <b>Report ID:</b> 7844-0660-3773-1099
<b>YOB:</b> 2007 <b>Sex:</b> Stallion <b>Breed:</b> Paint Horse		Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>
<b>Sire:</b> MDR IMPULSIVE <b>Reg:</b> 00555309 <b>Microchip:</b>	<b>Dam:</b> SOCKETTS LADY HALEY <b>Reg:</b> 00385487 <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/N	Normal. No copies of the HERDA allele detected.
Hyperkalemic Periodic Paralysis (HYPP)	N/N	Normal. No copies of the HYPP allele detected.
Lethal White Overo (LWO)	N/O	1 copy of lethal white overo detected.
Myosin-Heavy Chain Myopathy (MYHM)	N/N	Normal. No copies of the MYHM allele detected. Horse does not have increased susceptibility for immune mediated myositis or nonexertional rhabdomyolysis caused by the MYHM allele.
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.