Animal Genetics

3382 Capital Circle NE
Tallahassee, FL 32308

Generated on: 12/02/22

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

Color Results (8 of 25)

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

Pattern Results (11 of 25)

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

Animal Genetics

3382 Capital Circle NE
Tallahassee, FL 32308

Generated on: 12/02/22

Genetic Testing Report

KM Radically Sheik

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.

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

EQUINE DISEASE PANEL TEST REPORT

Provided Information:

Name: **IMPULSIFIED**

Registration: **00911686**

Case: **P86620**
Date Received: 30-Mar-2016
Report Issue Date: 18-Jul-2023
Report ID: 7844-0660-3773-1099

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

YOB: **2007** *Sex:* **Stallion** *Breed:* **Paint Horse**

Sire: MDR IMPULSIVE
Reg: 00555309
Microchip:

Dam: SOCKETTS LADY HALEY
Reg: 00385487
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.
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.