Veterinary Genetics Laboratory

Provided Information:

Name: **THE HEISMAN SECRET**

Registration: **01146973**

Case: **P103964**
Date Received: 05-Mar-2021
Report Issue Date: 22-Mar-2021
Report ID: 1735-7394-2930-5175

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

DOB: **01/29/2021** *Sex:* **Stallion** *Breed:* **Paint Horse**

Sire: THE HEISMAN LEGEND
Reg: 5873164
Microchip:

Dam: FEARLICIOUS SECRET
Reg: 5597919
Microchip:

RESULT		INTERPRETATION
Glycogen Branching Enzyme Deficiency (GBED)	**N/N**	Normal - Does not possess the disease-causing GBED gene
Hereditary Equine Regional Dermal Asthenia (HERDA)	**N/N**	Normal - horse does not have the HERDA gene
Hyperkalemic Periodic Paralysis (HYPP)	**N/N**	Normal - Does not possess the disease-causing HYPP gene
Lethal White Overo (LWO)	**N/N**	No copies of lethal white overo detected.
Malignant Hyperthermia (MH)	**N/N**	Normal - horse does not have the MH gene
Polysaccharide Storage Myopathy Type 1 (PSSM1)	**N/N**	Normal - horse does not have the PSSM1 gene

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WHITE PATTERNING GENETIC RESEARCH TEST REPORT

Provided Information:	***Case:*** **HR14377**
Name: **The Heisman Secret**	***Report Issue Date:*** 12/15/2023
Registration:	***Report Authorized By:*** Dr. Rebecca Bellone
YOB: *Sex:* **Stallion** *Breed:* **Quarter Horse** *Alt. ID:* **QH-23-271**	

The horse named above has been tested on our white patterning research panel for the following alleles:
W32, W34, W35

These alleles were identified previously but their contribution to white patterning levels has not yet been extensively validated. Thank you for contributing to our research database.

Results:

Dominant White
W32, W34, W35

N/W35

Interpretation

N/N No copies of dominant white alleles tested.

N/W35 1 copy of a dominant white allele. Horses with dominant white alleles have been reported to have white coat patterns that can range from white face and leg markings to an all white coat.

Caution: Some dominant white alleles have been reported to be homozygous lethal. W1-W18, W21-W28, W30, W31, W33 are believed to be homozygous lethal. Matings between heterozygotes for these alleles may result in early embryonic loss.

W_/W_ 2 copies of dominant white alleles tested.

Testing was performed at the UC Davis VGL and report is not to be edited or altered in anyway.
To verify report, please email research@vgl.ucdavis.edu

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EQUINE JUVENILE SPINOCEREBELLAR ATAXIA TEST REPORT

Provided Information:	***Case:*** **HR14377**
Name: **THE HEISMAN SECRET**	***Date Received:*** 08-Dec-2023
Registration:	***Report Issue Date:*** 22-Oct-2025
	Report ID: 4089-7437-6472-9068
	Verify report at vgl.ucdavis.edu/verify

YOB: *Sex:* **Stallion** *Breed:* **Quarter Horse** *Alt. ID:* **QH-23-271**

RESULT

Equine Juvenile Spinocerebellar Ataxia	**N/N**

INTERPRETATION

Normal. No copies of the allele associated with equine juvenile spinocerebellar ataxia (EJSCA) detected.