Animal Genetics

3382 Capital Circle NE
Tallahassee, FL 32308

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Genetic Testing Report

He Is Fearless

Submitted By

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TR Ranch

Subject Horse

Horse Name: **He Is Fearless**
Breed: **Appaloosa**
Phenotype: **Chestnut and white**
Sex: **Male**
Birth: **2022**

Lab Reference #: **951648**
Registration: **693718**

Sire

Sire: Atmos Fear
Breed: Appaloosa
Phenotype: Chestnut

Dam

Dam: Miss Classy Dream
Breed: Appaloosa
Phenotype: Chestnut and white

Disorder Results (6 of 7)

GBED	**N/N**	Clear: Horse is negative for the GBED gene mutation.
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/IMM**	At Risk: Horse has one copy of the mutation associated with Immune-Mediated Myositis and is susceptible to developing the disorder. Horse has a chance of passing on the gene to any offspring.
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.

Pattern Results (1 of 7)

LP	**n/LP**	Heterozygous: Horse has one copy of the LP gene and has a chance to pass it on to every offspring. Horse is a carrier of Congenital Stationary Night Blindness (CSNB).