Animal Genetics

3382 Capital Circle NE
Tallahassee, FL 32308

Generated on: 11/12/26

Genetic Testing Report

Dust Off Ya Gunns

Submitted By

Erin DeFreitas
DeFreitas Performance Horses

Subject Horse

Horse Name: **Dust Off Ya Gunns**
Breed: **Quarter Horse**
Phenotype: **Chestnut**
Sex: **Male**
Birth: **Mar 4, 2018**

Lab Reference #: **1015094**

Disorder Results (7 of 23)

Equine Juvenile Spinocerebellar Ataxia (EJSCA)	**N/N**	Clear: Horse is negative for the JSA gene mutation.
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/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 23)

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	**nd1/nd2**	Non-Dun: Horse has one copy of the nd1 allele associated with primitive markings, and one copy of the nd2 negative allele.
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 (8 of 23)

LP	**n/n**	Negative: Horse is negative for LP gene and will not be affected by Congenital Stationary Night Blindness (CSNB).
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.
Sabino1	**n/n**	Negative: Horse is negative for the Sabino 1 gene.
Splash White 1	**n/n**	Negative: Horse is negative for the Splashed White 1 (SW1) mutation.
Splash White 2	**n/n**	Negative: Horse is negative for the Splashed White 2 (SW2) mutation.
Splash White 3	**n/n**	Negative: Horse is negative for the Splashed White 3 (SW3) mutation.

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Pattern Results Continued		
Tobiano	**n/n**	Negative: Horse is negative for the Tobiano gene mutation.