Animal Genetics
INCORPORATED
3382 Capital Circle NE
Tallahassee, FL 32308

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Equine Genetic Testing Report

Submitted By

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Owner

Janice Dobson

PO Box 65
Auburntown, TN 37016

Date Received: 9/4/2021

Subject Horse

Horse Name: FVF Iron Sabre
Breed: Appaloosa
Phenotype: Grulla
Sex: Stallion

Lab Reference #: 00157895
Registration:
Birth: 2015

Sire

Sire Name: RHA Iron Will
Breed: Appaloosa
Registration: F6-2625
Phenotype: Brown With Blanket

Dam

Dam Name: FVF Oganali Zeva
Breed: Appaloosa
Registration: F6-2623
Phenotype: Dun

Coat Color and Pattern Testing

	Tobiano		
	Frame Overo		
	Sabino 1		
	Splashed White 1		
	Splashed White 2		
	Splashed White 3		
	Appaloosa (LP)		
	PATN1		
X	Red/Black Factor	Ee	Heterozygous. Horse is Black based but carries a recessive copy of the Red gene.
X	Agouti	Aa	Heterozygous. Horse carries one copy of the Agouti gene.
X	Cream Dilution	nCr	Heterozygous. Single dilute. Horse carries one copy of the Cream Dilution gene.
X	Dun Dilution	nd1/nd2	1 copy of nd1 and 1 copy of nd2. Horse is not Dun diluted. Varying levels of primitive markings possible.
X	Silver Dilution	nn	Negative for Silver Dilution.
X	Champagne	nn	Negative for Champagne Dilution
X	Pearl Dilution	nn	Negative for Pearl Dilution.
X	Gray	gg	Negative for the Gray gene.

Genetic Disorders

X	HYPP	n/n	Clear: Negative for the HYPP gene mutation.
X	HERDA	N/N	Clear: Negative for the HERDA gene mutation.
X	GBED	N/N	Clear: Negative for the GBED gene mutation.
X	MH	n/n	Clear: Negative for the MH gene mutation found in Quarter horses and related breeds.
X	IMM	N/N	Horse tested negative for the mutation associated with IMM.
X	PSSM 1	n/n	Clear: Negative for the PSSM Type 1 gene mutation.
	FIS		
	JEB1		
	JEB2		
	CA		
	LFS		
	SCID		
	OAAM1		
	WFFS1		

Genetic Marker Results

Run Date: 9/12/2021



Additional Comments