



3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

DFR BLULACE CHENOA

Submitted By	Owned By
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Subject Horse	
Name: DFR BLULACE CHENOA	Lab Reference #: 835191
Breed: Appaloosa	Sample Date: 07/22/2024
Phenotype: BLACK	Research Date: 12/03/2024
Sex: Female	Microchip: 756098100821644
Birth: 03/23/2019	Appaloosa Horse Club, Inc.: 687354

Disorder Results(6 of 23)		
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	Non-Agouti: Horse is homozygous for recessive black (aa) and will pass a copy on to every 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 Black: Horse carries two copies of the Black gene and will have a black-based coat.
Silver	n/n	Negative: Horse is negative for the Silver Dilution gene mutation.

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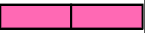

















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Pattern Results(8 of 23)

LP	LP/LP	Homozygous: Horse has two copies of the LP gene and will pass a copy on to all offspring. Horse has Congenital Stationary Night Blindness (CSNB).
LWO	n/n	Negative: Horse is negative for the Frame Overo (LWO) gene.
PATN1	PATN1/PATN1	Homozygous: Horse has two copies of the PATN-1 gene and will pass a copy on to all offspring.
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.
Tobiano	n/n	Negative: Horse is negative for the Tobiano gene mutation.

DNA Profile Results(1 of 23)

JJ	KO	XX	FR	KO	LL	NN	JJ	KK	IR
									
AHT4	AHT5	AME	ASB17	ASB2	ASB23	CA425UK	HMS1	HMS2	HMS3
MO	LO	OR	LM	JO	MO	IM	LQ	EF	IR
									
HMS6	HMS7	HTG10	HTG4	HTG6	HTG7	LEX3	LEX33	UM011	VHL20