

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

2024 Holindoc Colt

Submitted By	Owned By
Toni Perdew 3005 Lexington Ct Bedford, IA 50833 USA	Toni Perdew 3005 Lexington Ct Bedford, IA 50833 USA

Subject Horse	
Name: 2024 Holindoc Colt Breed: Quarter Horse Phenotype: Grulla Sex: Male Birth: 04/07/2024	Lab Reference #: 817570 Sample Date: 05/10/2024 Research Date: 05/10/2024 American Quarter Horse Association: Pending

Sire	Dam
Sire: Spin Whiz Me Breed: Quarter Horse Phenotype: Smoky Grullo Unspecified Horse Registry: 5238276	Dam: Holindoc Breed: Quarter Horse Phenotype: Grulla Unspecified Horse Registry: 4757604

Disorder Results(6 of 22)		
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.

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Color Results(8 of 22)

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/Cr	Heterozygous: Horse carries one copy of the Cream Dilution gene and will appear as a single dilute coat. Horse has a chance to pass this gene on to any offspring.
Dun	D/nd1	Dun: Horse has one copy of the Dun allele and one copy of the nd1 allele associated with primitive markings.
Gray	Absent	Horse is negative for the Gray mutation.
Pearl	n/n	Negative: Horse is negative for Pearl Dilution.
Red/Black Factor	E/e	Heterozygous: Horse is Black based and carries a copy of the Red gene. Horse will appear black-based and can produce red-based horses.
Silver	n/n	Negative: Horse is negative for the Silver Dilution gene mutation.

Pattern Results(8 of 22)

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.
Tobiano	n/n	Negative: Horse is negative for the Tobiano gene mutation.