

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Passion '24 Foal

Submitted By	Owned By
Jeremy Lockard 13751 N Avenue Randalia, IA 52164 USA	Jeremy Lockard 13751 N Avenue Randalia, IA 52164 USA

Subject Horse	Lab Reference #:
Name: Passion '24 Foal Breed: Paint Horse Phenotype: n/a Sex: Unknown Birth: --/--/----	809982 Sample Date: 04/02/2024 Research Date: 04/02/2024 American Paint Horse Association: pending

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/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.

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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	Cr/Cr	Homozygous: Horse has two copies of the Cream Dilution gene and will appear as a double dilute of its base coat. Horse will pass this gene on to all offspring.
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	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/T	Heterozygous: Horse has one copy of the Tobiano gene mutation will exhibit the Tobiano pattern in varying degrees. Horse has a chance to pass this gene on to any offspring.