One Page Diagnostics Report

EtalonDX.com LabID: 70117_018

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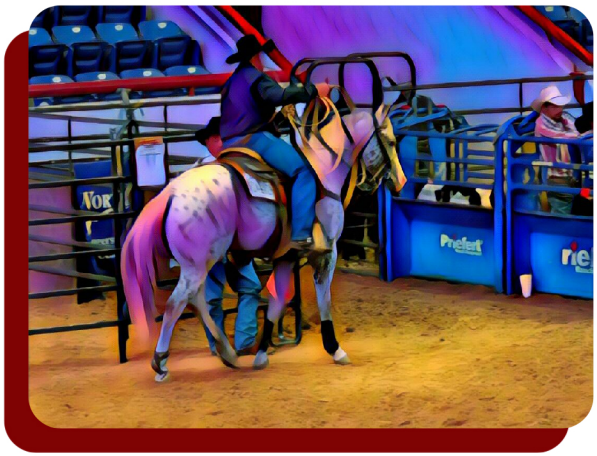

Horse: Stolen Identity
Breed: Appaloosa
Date of Birth: 1/30/2011
Sex: Stallion
Temperament: Curious & Vigilant
Speed: Sprint

Owner: Gail Smith
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Variant Summary

LP/n, PATN1/n, e/e, a/a, nd1/nd2

Performance Variants

Trait	Genotype	Notes
MSTN	**Sprint**	**2 variants detected - Likely Affected**
DRD4	**Curious & Vigilant**	**1 variant detected - Likely Affected**

Coat Color Results

Trait	Genotype	Notes
Agouti (A)	a/a	No variant detected - Negative
Red (e)	e/e	No variant detected - Red Based
non-Dun Primitive Markings (nd)	**nd1/nd2**	**1 variant detected - Possibly Affected**
Grey (G)	n/n	No variant detected - Negative
Dun (D)	n/n	No variant detected - Negative
Cream (CR)	n/n	No variant detected - Negative
Champagne (CH)	n/n	No variant detected - Negative
Pearl (PRL)	n/n	No variant detected - Negative
Silver (Z)	n/n	No variant detected - Negative
Leopard Complex Spotting (LP)	**LP/n**	**1 variant detected - Likely Affected**
Pattern 1 (PATN1)	**PATN1/n**	**1 variant detected - Possibly Affected**
Sabino1 (SB1)	n/n	No variant detected - Negative
Tobiano (TO)	n/n	No variant detected - Negative
Splashed White (SW1)	n/n	No variant detected - Negative
Splashed White (SW2)	n/n	No variant detected - Negative
Splashed White (SW3)	n/n	No variant detected - Negative
Splashed White (SW4)	n/n	No variant detected - Negative
Splashed White 5 (SW5)	n/n	No variant detected - Negative
Dominant Whites (W)	n/n	No variant detected - Negative
Frame/Lethal White Overo (LWO)	n/n	No variant detected - Negative

Health Results

Trait	Genotype	Notes
Lethal White Overo (LWO)	n/n	No variant detected - Negative
Congenital Stationary Night Blindness (CSNB)	**csnb/n**	**1 variant detected - Carrier**
Multiple Congenital Ocular Anomalies (MCOA)	n/n	No variant detected - Negative
Foal Immunodeficiency Syndrome (FIS)	n/n	No variant detected - Negative
Severe Combined Immunodeficiency (SCID)	n/n	No variant detected - Negative
West Nile Virus Symptom Susceptibility Risk (WNVR)	n/n	No variant detected - Average Risk*
Myosin-Heavy Chain Myopathy (MYHM)	n/n	No variant detected - Negative
Glycogen Branching Enzyme Deficiency (GBED)	n/n	No variant detected - Negative
Hyperkalemic Partial Paralysis (HYPP)	n/n	No variant detected - Negative
Malignant Hyperthermia (MH)	n/n	No variant detected - Negative
Myotonia (MYT)	n/n	No variant detected - Negative
Polysaccharide Storage Myopathy type 1 (PSSM1)	n/n	No variant detected - Negative
Cerebellar Abiotrophy (CA)	n/n	No variant detected - Negative
Lavender Foal Syndrome (LFS)	n/n	No variant detected - Negative
Androgen Insensitivity Syndrome (AIS)	n/n	No variant detected - Negative
Impaired Acrosomal Reaction - Subfertility Risk (IAR)	**n/n, iar/iar**	**3 variants detected - Not Affected**
Hereditary Equine Regional Dermal Asthenia (HERDA)	n/n	No variant detected - Negative
Junctional Epidermolysis Bullosa type 1 (JEB1)	n/n	No variant detected - Negative
Junctional Epidermolysis Bullosa type 2 (JEB2)	n/n	No variant detected - Negative
Incontinentia Pigmenti (IP)/Brindle IP	n/n	No variant detected - Negative