One Page Diagnostics Report

EtalonDX.com LabID: 112817_020

ETALON

Horse: Blue Valentine Smoke
Breed: Paint
Date of Birth: 11/30/2008
Sex: Mare
Temperament: Curious
Gait: DMRT3 "Gait Carrier"
Speed: Sprint

Owner: Jeremy Lockard
Phone: 5633201109
Email: dustyroadhorses.com@gmail.com

Variant Summary

E/e, W20/n, a/a, D/nd2

Performance Variants

Trait	Genotype	Notes
MSTN	Sprint	**2 variants detected - Likely Affected**
DMRT3	DMRT3 "Gait Carrier"	**1 variant detected - Possibly Affected**
DRD4	Curious	**2 variants detected - Likely Affected**

Coat Color Results

Trait	Genotype	Notes
Agouti (A)	a/a	**No variant detected - Negative**
Black (E)	E/e	**1 variant detected - Black Based**
non-Dun Primitive Markings (nd)	nd1/nd2	**1 variant detected - Possibly Affected**
Grey (G)	n/n	**No variant detected - Negative**
Dun (D)	D/n	**1 variant detected - Likely Affected**
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**
Sunshine (SUN)	n/n	**No variant detected - Negative**
Dominant White 20 (W20)	W20/n	**1 variant detected - Possibly Affected**
Leopard Complex Spotting (LP)	n/n	**No variant detected - Negative**
Pattern 1 (PATN1)	n/n	**No variant detected - Negative**
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**
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**
Multiple Congenital Ocular Anomalies (MCOA)	n/n	**No variant detected - Negative**
Congenital Stationary Night Blindness (CSNB)	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 - Negative**
Myosin-Heavy Chain Myopathy (MYHM)	MY/n	**1 variant detected - Possibly Affected**
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/n	**1 variant 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**