

Equine Genetic Testing Report



Submitted By
Tammy Stewart
P.O. Box 429 Spruce Home, SK S0J 2N0 CANADA

Subject Horse

Date Received: 3/16/2015

Horse Name: Whoa Sally Whoa	Lab Reference #: 00066077
Breed: Quarter Horse	Registration: 5022466
Phenotype: Sorrel	Birth: 2007
Sex: Mare	

Sire
Sire Name: Chex NuJewel
Breed: Quarter Horse
Registration: 3683185
Phenotype: Palomino

Dam
Dam Name: Picaboo Idaho
Breed: Quarter Horse
Registration: 3269189
Phenotype: Sorrel

Coat Color and Pattern Testing		
Tobiano		Pending
Frame Overo		Pending
Sabino 1		Pending
Splashed White 1		Pending
Splashed White 2		Pending
Splashed White 3		Pending
Appaloosa (LP)		Pending

Red/Black Factor		Pending
Agouti		Pending

Cream Dilution		Pending
Dun Dilution		Pending
Silver Dilution		Pending
Champagne		Pending
Pearl Dilution		Pending

Gray		Pending
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Additional Comments

None

Genetic Disorders			
X	HYPP	n/n	Clear. Negative for the HYPP gene mutation.
X	HERDA	N/N	Clear. Negative for the HERDA gene mutation.
X	GBED	N/Gb	Carrier. Horse is heterozygous and a carrier of the GBED gene mutation.
X	PSSM 1	n/n	Clear. Negative for the PSSM Type 1 gene mutation.
X	MH	n/n	Clear. Negative for the MH gene mutation found in Quarter horses and related breeds.
	JEB		Pending
	CA		Pending
	LFS		Pending

Genetic Marker Results

Run Date: Not Tested

-	-	-	-	-	-	-
AHT4	AHT5	ASB17	ASB2	ASB23	AME	CA425UK
-	-	-	-	-	-	-
HMS3	HMS6	HMS7	HTG10	HTG4	LEX3	LEX33
-	-	-	-	-	-	-
VHL20	UM011	HMS1	HMS2	HTG6	HTG7	

CA = Cerebellar Abiotrophy
 GBED = Glycogen branching enzyme deficiency
 HERDA = Hereditary equine regional dermal asthenia
 HYPP = Hyperkalemic Periodic Paralysis
 JEB1 = Junctional Epidermolysis Bullosa - Belgian Draft Horse
 JEB2 = Junctional Epidermolysis Bullosa - American Saddlebred
 LFS = Lavender Foal Syndrome
 LWO = Lethal White Overo
 MH = Malignant Hyperthermia
 PSSM1 = Polysaccharide Storage Myopathy - Type 1

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