

1336 Timberlane Road  
Tallahassee, FL 32312-1766

## Equine Genetic Testing Report



<b>Submitted By</b>
Tammy Stewart
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**Subject Horse**

Date Received: 3/16/2015

Horse Name: <b>Shiners Impulsion</b>	Lab Reference #: 00066078
Breed: Quarter Horse	Registration: 4886499
Phenotype: Sorrel	Birth: 2006
Sex: Mare	

<b>Sire</b>
Sire Name: Shiners Q Chex Breed: Quarter Horse Registration: 3963437 Phenotype: Palomino

<b>Dam</b>
Dam Name: Impulsive Feature Breed: Quarter Horse Registration: 3651477 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

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/N	Clear. Negative for 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		

<b>Additional Comments</b>
None

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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