

Equine Genetic Testing Report

Submitted By
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Subject Horse

Date Received: 3/19/2012

Horse Name: Its A Southern Thing Breed: Quarter Horse Phenotype: Bay Sex: Stallion	Lab Reference #: 00033051 Registration: 5307848 Birth: 2010
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Sire	Dam
Sire Name: Only In The Moonlite Breed: Quarter Horse Registration: 4652885 Phenotype: Brown	Dam Name: Shesa Hot Cookie Breed: Quarter Horse Registration: 2938604 Phenotype: Sorrel

Coat Color and Pattern Testing		
	Tobiano	Pending
X	Frame Overo	nn Negative for Frame Overo (LWO).
	Sabino 1	Pending
	Splashed White 1	Pending
	Splashed White 2	Pending
	Splashed White 3	Pending
	Appaloosa (LP)	Pending
	Red/Black Factor	Pending
X	Agouti	AA Homozygous for Agouti. Horse carries two copies of the Agouti gene.
	Cream Dilution	Pending
	Dun Dilution	Pending
	Silver Dilution	Pending
	Champagne	Pending
	Pearl Dilution	Pending
	Gray	Pending
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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

Additional Comments
None

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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