

## Equine Genetic Testing Report



<b>Submitted By</b>
Tammy Stewart
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<b>Subject Horse</b>	Date Received: 9/10/2015
Horse Name: <b>Spooks Gotta Chic</b> Breed: Quarter Horse Phenotype: Bay Sex: Mare	Lab Reference #: <b>00073425</b> Registration: 5443810 Birth: 2012

<b>Sire</b>
Sire Name: Spooks Gotta Gun Breed: Quarter Horse Registration: 4278968 Phenotype: Bay

<b>Dam</b>
Dam Name: Melodys Smart Chic Breed: Quarter Horse Registration: 3781486 Phenotype: Dun

Coat Color and Pattern Testing			
	Tobiano		
	Frame Overo		
	Sabino 1		
X	Splashed White 1	n/SW1	Heterozygous. Horse has one copy of the Splashed White SW1 mutation.
X	Splashed White 2	n/SW2	Heterozygous. Horse has one copy of the Splashed White SW2 mutation.
X	Splashed White 3	nn	Negative for the Splashed White SW3 mutation.
	Appaloosa (LP)		

Genetic Disorders			
	HYPP		
	HERDA		
	GBED		
	PSSM 1		
	MH		
	JEB		
	CA		
	LFS		

X	Red/Black Factor	EE	Homozygous for Black Factor. Horse carries two copies of the Black gene. Horse is Black based.
X	Agouti	AA	Homozygous for Agouti. Horse carries two copies of the Agouti gene.

	Cream Dilution		
	Dun Dilution		
	Silver Dilution		
	Champagne		
	Pearl Dilution		

	Gray		
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<b>Additional Comments</b>

Genetic Marker Results							Run Date:
-	-	-	-	-	-	-	
AHT4	AHT6	AS317	AS32	AS322	AVP	CA425LX	
-	-	-	-	-	-	-	
HMS3	HMS6	HMS7	HT317	HT34	LEX3	LEX33	
-	-	-	-	-	-	-	
WHL22	WT11	HMS1	HMS2	HT36	HMS7		

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  
 LWD = Lethal White Overo  
 MH = Malignant Hyperthermia  
 PSSM1 = Polysaccharide Storage Myopathy - Type 1

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