

## Equine Genetic Testing Report



Submitted By	AG102921
Gypsy MVP 1834 FM 1463 Rd Katy, TX 77494	

<b>Subject Horse</b>	Date Received: 2/22/2014
Horse Name: <b>Magnolias Sparkle</b> Breed: Gypsy Vanner Phenotype: Black & White Sex: Mare	Lab Reference #: 00053147 Registration: Birth:

<b>Sire</b>	<b>Dam</b>
Sire Name: Breed: Registration: Phenotype:	Dam Name: Breed: Registration: Phenotype:

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

Genetic Disorders		
HYPP		
HERDA		
GBED		
PSSM 1		
MH		
JEB		
CA		
LFS		

<input checked="" type="checkbox"/>	Red/Black Factor	EE	Homozygous for Black Factor. Horse carries two copies of the Black gene. Horse is Black based.
<input checked="" type="checkbox"/>	Agouti	aa	Non-Agouti. If horse is black based (E), black pigment will be evenly distributed.
<input checked="" type="checkbox"/>	Cream Dilution	nn	Negative for Cream Dilution.
	Dun Dilution		
<input checked="" type="checkbox"/>	Silver Dilution	nn	Negative for Silver Dilution.
<input checked="" type="checkbox"/>	Champagne	nn	Negative for Champagne Dilution.
<input checked="" type="checkbox"/>	Pearl Dilution	nn	Negative for Pearl Dilution.
	Gray		

Genetic Marker Results							Run Date:
-	-	-	-	-	-	-	
AHT4	AHT5	ASB17	ASB2	ASB23	AME	CA425UK	
-	-	-	-	-	-	-	
HMS3	HMS6	HMS7	HTG10	HTG4	LEX3	LEX33	
-	-	-	-	-	-	-	
VHL20	UM011	HMS1	HMS2	HTG6	HTG7		

<b>Additional Comments</b>

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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