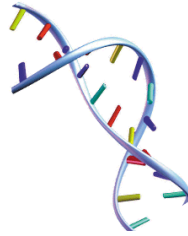


## Equine Genetic Testing Report



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

### Subject Horse

Date Received: 2/22/2014

Horse Name: <b>Magnolias Sparkle</b>	Lab Reference #: <b>00053147</b>
Breed: <b>Gypsy Vanner</b>	Registration:
Phenotype: <b>Black &amp; White</b>	Birth:
Sex: <b>Mare</b>	

Sire
Sire Name:
Breed:
Registration:
Phenotype:

Dam
Dam Name:
Breed:
Registration:
Phenotype:

### Coat Color and Pattern Testing

<input checked="" type="checkbox"/>	Tobiano	nT	Heterozygous. Horse carries one copy of the Tobiano gene.
<input checked="" type="checkbox"/>	Frame Overo	nn	Negative for Frame Overo (LWO).
<input checked="" type="checkbox"/>	Sabino 1	nn	Negative for the Sabino 1 gene.
<input checked="" type="checkbox"/>	Splashed White 1	nn	Negative for the Splashed White SW1 mutation.
<input checked="" type="checkbox"/>	Splashed White 2	nn	Negative for the Splashed White SW2 mutation.
<input checked="" type="checkbox"/>	Splashed White 3	nn	Negative for the Splashed White SW3 mutation.
<input checked="" type="checkbox"/>	Appaloosa (LP)	lp/lp	Tested negative for the main Appaloosa LP gene.
<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		Not Tested
<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		Not Tested

### Genetic Disorders

	HYPP		Not Tested
	HERDA		Not Tested
	GBED		Not Tested
	PSSM 1		Not Tested
	MH		Not Tested
	JEB		Not Tested
	CA		Not Tested
	LFS		Not Tested

### 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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