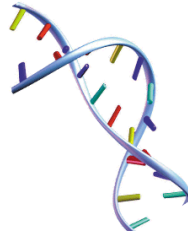


Equine Genetic Testing Report



Submitted By	AG119691
Kayla Hendrickson Circle H Paints & Quarters 7468 6th Ave. SE Linton, ND 58552	

Subject Horse	Date Received: 6/9/2014
Horse Name: HH Suzie Quo Breed: Paint Horse Phenotype: Black Tobiano Sex: Mare	Lab Reference #: 00057311 Registration: 888,903 Birth: 2006

Sire
Sire Name: CWP HankAchief Hagard Breed: Paint Horse Registration: 558,502 Phenotype: Black Tobiano

Dam
Dam Name: Patches Gamblin Susie Breed: Paint Horse Registration: 525,132 Phenotype: Black Tobiano

Coat Color and Pattern Testing		
<input checked="" type="checkbox"/>	Tobiano	TT Homozygous. Horse carries two copies of the Tobiano gene. This horse will always produce Tobiano offspring.
<input type="checkbox"/>	Frame Overo	Not Tested
<input type="checkbox"/>	Sabino 1	Not Tested
<input type="checkbox"/>	Splashed White 1	Not Tested
<input type="checkbox"/>	Splashed White 2	Not Tested
<input type="checkbox"/>	Splashed White 3	Not Tested
<input type="checkbox"/>	Appaloosa (LP)	Not Tested

Genetic Disorders		
<input type="checkbox"/>	HYPP	Not Tested
<input type="checkbox"/>	HERDA	Not Tested
<input type="checkbox"/>	GBED	Not Tested
<input type="checkbox"/>	PSSM 1	Not Tested
<input type="checkbox"/>	MH	Not Tested
<input type="checkbox"/>	JEB	Not Tested
<input type="checkbox"/>	CA	Not Tested
<input type="checkbox"/>	LFS	Not Tested

<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 type="checkbox"/>	Agouti	Not Tested
<input type="checkbox"/>	Cream Dilution	Not Tested
<input type="checkbox"/>	Dun Dilution	Not Tested
<input type="checkbox"/>	Silver Dilution	Not Tested
<input type="checkbox"/>	Champagne	Not Tested
<input type="checkbox"/>	Pearl Dilution	Not Tested
<input type="checkbox"/>	Gray	Not Tested
<input type="checkbox"/>	-----	-

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		

Additional Comments
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

Thank you for choosing Animal Genetics Inc.