

## Equine Genetic Testing Report

Submitted By	AG108868
Andrea Sya Crossfield-Ranch Kreuzfeldstrasse 6 Burghaun, 36151 GERMANY	



<b>Subject Horse</b>	Date Received: 5/21/2011
Horse Name: <b>Whiz Ace Of Gun</b> Breed: Quarter/Paint Horse Phenotype: Bay	Registration: AQHA5293770; APHA987349 Sex: Mare Birth: 2010

<b>Sire</b>	<b>Dam</b>
Sire Name: Colonels Lone Gun Breed: Quarter/Paint Horse Registration: AQHA 4658909 Phenotype: Bay	Dam Name: Banjay Breed: Quarter Horse Registration: 4677823 Phenotype: Bay

Coat Color and Pattern Testing		
	Tobiano	Not Tested
	Frame Overo	Not Tested
	Sabino 1	Not Tested
	Appaloosa (LP)	Not Tested
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	Not Tested
	Silver Dilution	Not Tested
	Champagne	Not Tested
	Pearl Dilution	Not Tested
	Gray	Not Tested

Genetic Disorders		
	HYPP	Not Tested
X	HERDA	N/N Negative for the HERDA gene mutation.
X	GBED	N/N Negative for the GBED gene mutation.
X	PSSM 1	n/n Negative for the PSSM Type 1 gene mutation.
	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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