

Equine Genetic Testing Report



Submitted By **AG106838**

Michelle & Michael Miola
Silver Spurs Equine
14445 E Quail Track Rd
Scottsdale, AZ 85255

Subject Horse Date Received: 4/3/2014

Horse Name: **Tinker With Guns** Lab Reference #: **00054542**
 Breed: Quarter Horse Registration: 4828200
 Phenotype: Sorrel Birth: 2006
 Sex: Stallion

Sire

Sire Name: Colonels Smoking Gun
Breed: Quarter Horse
Registration: 4472679
Phenotype:

Dam

Dam Name: Tinker Nic
Breed: Quarter Horse
Registration: 4520370
Phenotype:

Coat Color and Pattern Testing		
<input type="checkbox"/>	Tobiano	Not Tested
<input type="checkbox"/>	Frame Overo	Not Tested
<input type="checkbox"/>	Sabino 1	Not Tested
<input checked="" type="checkbox"/>	Splashed White 1	n/SW1 Heterozygous. Horse has one copy of 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 type="checkbox"/>	Appaloosa (LP)	Not Tested

<input type="checkbox"/>	Red/Black Factor	Not Tested
<input checked="" type="checkbox"/>	Agouti	Aa Heterozygous. Horse carries one copy of the Agouti gene.

<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
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Additional Comments

None

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

Genetic Marker Results							Run Date: <i>Not Tested</i>
-	-	-	-	-	-	-	
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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