

Equine Genetic Testing Report



Submitted By
Coyote Ridge Ranch, LLC
Mulberry, AR 72947

Subject Horse	Date Received: 1/11/2013
Horse Name: Rojos Fox Breed: Quarter Horse Phenotype: Dun Roan	Registration: 4966197 Sex: Mare Birth: 2007

Sire
Sire Name: Rojos Valentine Breed: Quarter Horse Registration: 3544506 Phenotype: Dun Roan

Dam
Dam Name: Sierra Fox Breed: Quarter Horse Registration: 3059414 Phenotype: Grulla Roan

Coat Color and Pattern Testing		
Tobiano		Not Tested
Frame Overo		Not Tested
Sabino 1		Not Tested
Splashed White 1		Not Tested
Splashed White 2		Not Tested
Splashed White 3		Not Tested
Appaloosa (LP)		Not Tested

Genetic Disorders			
X	HYPP	n/n	Clear: Negative for the HYPP gene mutation.
X	HERDA	N/N	Clear: Negative for the HERDA gene mutation.
X	GBED	N/N	Clear: Negative for the GBED gene mutation.
X	PSSM 1	n/n	Clear: Negative for the PSSM Type 1 gene mutation.
X	MH	n/n	Clear: Negative for the MH gene mutation found in Quarter horses and related breeds.
	JEB		Not Tested
	CA		Not Tested
	LFS		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	Heterozygous. Horse carries one copy of the Agouti gene.

	Cream Dilution		Not Tested
	Silver Dilution		Not Tested
	Champagne		Not Tested
	Pearl Dilution		Not Tested
	Gray		Not Tested

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

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