

Equine Genetic Testing Report



Submitted By
Coyote Ridge Ranch, LLC
Mulberry, AR 72947

Subject Horse	Date Received: 3/9/2012
Horse Name: WYO ROAN ADVANTAGE	Registration: 4533725
Breed: Quarter Horse	Sex: Stallion
Phenotype: Grullo Roan	Birth: 2004

Sire
Sire Name: Bonny Blues
Breed: Quarter Horse
Registration: 4137623
Phenotype: Bay Roan

Dam
Dam Name: Wyo Advantage
Breed: Quarter Horse
Registration: 3605422
Phenotype: Grulla Roan

Coat Color and Pattern Testing		
Tobiano		Not Tested
Frame Overo		Not Tested
Sabino 1		Not Tested
Appaloosa (LP)		Not Tested
Red/Black Factor		Not Tested
Agouti		Not Tested
Cream Dilution		Not Tested
Silver Dilution		Not Tested
Champagne		Not Tested
Pearl Dilution		Not Tested
Gray		Not Tested

Genetic Disorders			
X	HYPP	n/n	Negative for the HYPP gene mutation.
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.
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

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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