

## Equine Genetic Testing Report

Submitted By

Coyote Ridge Ranch, LLC

Mulberry, AR 72947



<b>Subject Horse</b>	Date Received: 3/9/2012
Horse Name: <b>WYO CHUCKKAR</b>	Registration: 3821545
Breed: Quarter Horse	Sex: Stallion
Phenotype: Grullo Roan	Birth: 1999

**Sire**

Sire Name: Wyo Blue Bonnet  
Breed: Quarter Horse  
Registration: 3135976  
Phenotype: Grullo Roan

**Dam**

Dam Name: Chuckkar Blue  
Breed: Quarter Horse  
Registration: 2756129  
Phenotype: Blue 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			
<b>X</b>	HYPP	n/n	Negative for the HYPP gene mutation.
<b>X</b>	HERDA	N/N	Negative for the HERDA gene mutation.
<b>X</b>	GBED	N/N	Negative for the GBED gene mutation.
<b>X</b>	PSSM 1	n/n	Negative for the PSSM Type 1 gene mutation.
<b>X</b>	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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