

Equine Genetic Testing Report



Submitted By
Coyote Ridge Ranch, LLC
Mulberry, AR 72947

Subject Horse	Date Received: 8/4/2011
Horse Name: MJH Zipper Hancock Breed: Quarter Horse Phenotype: Black	Registration: 3537353 Sex: Mare Birth: 1996

Sire
Sire Name: Wayward Ike Breed: Quarter Horse Registration: 1536757 Phenotype: Buckskin

Dam
Dam Name: Soft Salt Breed: Quarter Horse Registration: 1561760 Phenotype: Bay

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
X	Agouti	aa	Non-Agouti. If horse is black based (E), black pigment will be evenly distributed.
	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 Result							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

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