

Equine Genetic Testing Report

Submitted By	AG104297
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Subject Horse	Date Received: 4/18/2011
Horse Name: Kelsi Dun It Skippin	Registration: 5374586
Breed: Quarter Horse	Sex: Filly
Phenotype: Amber Champagne/Cream/Dun	Birth: 2011

Sire
Sire Name: Skippin The Bars Breed: Quarter Horse Registration: 4866311 Phenotype: Amber Champagne

Dam
Dam Name: Shesa Silver Jewel Breed: Quarter Horse Registration: 4914916 Phenotype: Smoky Grulla

Coat Color and Pattern Testing			
	Tobiano		Not Tested
	Frame Overo		Not Tested
	Sabino 1		Not Tested
	Appaloosa (LP)		Not Tested
X	Red/Black Factor	Ee	Heterozygous. Horse is Black based but carries a recessive copy of the Red gene.
	Agouti		Not Tested
X	Cream Dilution	nCr	Heterozygous. Single dilute. Horse carries one copy of the Cream Dilution gene.
	Silver Dilution		Not Tested
	Champagne		Not Tested
	Pearl Dilution		Not Tested
	Gray		Not Tested

Genetic Disorders			
	HYPP		Not Tested
	HERDA		Not Tested
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 = Malinnant Hyperthermia

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