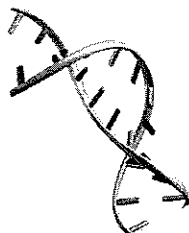


1336 Timberlane Road
Tallahassee, FL 32312-1766

Equine Genetic Testing Report



Submitted By	AG108868
Andrea Sya Crossfield-Ranch Kreuzfeldstrasse 6 Burghaun, 36151 GERMANY	

Subject Horse	Date Received: 5/21/2011
Horse Name: Brennas Famous Karma Breed: Quarter Horse Phenotype: Chestnut	Registration: 4966940 Sex: Mare Birth: 2007

Sire
Sire Name: Brennas Jac Breed: Quarter Horse Registration: 3095447 Phenotype: Buckskin

Dam
Dam Name: Famous Blue Shades Breed: Quarter Horse Registration: 3705783 Phenotype: Brown

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			
	HYPP		Not Tested
X	HERDA	N/Hrd	Carrier. Horse is heterozygous and a carrier of 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.
	MH		Not Tested
	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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