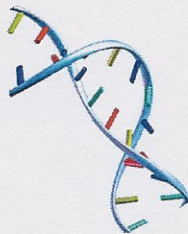


Equine Genetic Testing Report

Submitted By	AG104297
Tara Novotny	
13732 E. Montgomery Rd Scottsdale, AZ 85262	



Subject Horse	Date Received: 2/7/2011
Horse Name: Dun Its Peponita Breed: Quarter Horse Phenotype: Champagne	Registration: 4735249 Sex: Mare Birth: 2005

Sire	Dam
Sire Name: King Freckles Dun It Breed: Quarter Horse Registration: 3772251 Phenotype: Bay	Dam Name: Peponitas Lady Doc Breed: Quarter Horse Registration: 2388774 Phenotype: Champagne

Coat Color and Pattern Testing			
	Tobiano		Not Tested
X	Frame Overo	nn	Negative for Frame Overo (LWO).
	Sabino 1		Not Tested
	Appaloosa (LP)		Not Tested
X	Red/Black Factor	ee	Homozygous Red. Horse carries two copies of the Red gene. Horse has a red base pigment.
X	Agouti	AA	Homozygous for Agouti. Horse carries two copies of the Agouti gene.
	Cream Dilution		Not Tested
	Silver Dilution		Not Tested
X	Champagne	nCh	Heterozygous. Horse carries one copy of the Champagne Dilution gene.
	Pearl Dilution		Not Tested
	Gray		Not Tested

Genetic Disorders			
	HYPP		Not Tested
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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