

## Equine Genetic Testing Report



Submitted By	<b>AG104747</b>
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<b>Subject Horse</b>	Date Received: 11/10/2011
Horse Name: <b>DGS Indygo</b> Breed: Quarter Horse Phenotype: Brown-Black	Registration: 4695552 Sex: Stallion Birth: 2005

<b>Sire</b>
Sire Name: Indian Artifacts Breed: Quarter Horse Registration: 3690101 Phenotype: Bay

<b>Dam</b>
Dam Name: Taking Invitations Breed: Quarter Horse Registration: 3713872 Phenotype: Bay/Brown

Coat Color and Pattern Testing			
	Tobiano		Not Tested
<b>X</b>	Frame Overo	<b>nn</b>	Negative for Frame Overo (LWO).
	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
<b>X</b>	HERDA	<b>N/N</b>	Negative for the HERDA gene mutation.
<b>X</b>	GBED	<b>N/N</b>	Negative for the GBED gene mutation.
<b>X</b>	PSSM 1	<b>n/n</b>	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 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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