

*File DGS Indy 30  
3 Reg Binder (in Lab)*

336 Timberlane Road  
Gainesville, FL 32608-1766

# Equine Genetic Testing Report

Submitted By: AG104747  
Robin DeGraff  
DeGraff Stables, Inc.  
PO Box 4350  
Midway, KY 40347



**Subject Horse**

Date Received: 3/7/2009

Horse Name: **DGS Indygo**  
Breed: Quarter Horse  
Color: Dk Brown

Registration: 4695552  
Gender: Stallion  
Birth: 2005

**Sire**

Sire Name: Indian Artifacts  
Breed: Quarter Horse  
Registration: 3690101  
Color: Bay

**Dam**

Dam Name: Taking Invitations  
Breed: Quarter Horse  
Registration: 3713872  
Color: Dk. Brown

**Coat Color and Pattern Testing**

	Tobiano		Not Tested
	Frame Overo		Not Tested
	Sabino 1		Not Tested
<b>X</b>	Red/Black Factor	EE	Homozygous for Black Factor. Horse carries two copies of the Black gene. Horse is Black based.
	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	nn	Negative for the HERDA gene mutation.
	LWO		Not Tested

**Genetic Marker Results**

Run Date: *Not Tested*

Locus	Locus	Locus
AHT4	AME	HTG10
AHT5	CA425	HTG4
ASB17	HMS3	LEX3
ASB2	HMS6	LEX33
ASB23	HMS7	VHL20

**Additional Comments**

None

HYPP = Hyperkalemic Periodic Paralysis  
HERDA = Hereditary equine regional dermal asthenia  
LWO = Lethal White Overo

Thank you for choosing Animal Genetics Inc.