

## Equine Genetic Testing Report

Submitted By	AG105640
Colleen Pedrotti Keilen Ranch 1594 Barkerville Hwy Quesnel, BC V2J 6T3 CANADA	



<b>Subject Horse</b>	Date Received: 3/3/2010
Horse Name: <b>Hercules G</b> Breed: Andalusian Phenotype:	Registration: 6048(S) Gender: Stallion Birth: 2001

<b>Sire</b>
Sire Name: Esclavo XXV Breed: Andalusian Registration: 5088(S) Phenotype: Black

<b>Dam</b>
Dam Name: Celinda VIII Breed: Andalusian Registration: 5356(S) Phenotype:

Coat Color and Pattern Testing		
Tobiano		Not Tested
Frame Overo		Not Tested
Sabino 1		Not Tested

Genetic Disorders		
HYPP		Not Tested
HERDA		Not Tested

<input checked="" type="checkbox"/>	Red/Black Factor	<b>EE</b>	Homozygous for Black Factor. Horse carries two copies of the Black gene. Horse is Black based.
<input checked="" type="checkbox"/>	Agouti	<b>aa</b>	Non-Agouti. If horse is black based (E), black pigment will be evenly distributed.

Cream Dilution		Not Tested
Silver Dilution		Not Tested
Champagne		Not Tested
Pearl Dilution		Not Tested
Gray		Not Tested

Genetic Marker Results			Run Date:
			Not Tested
<b>Locus</b>	<b>Locus</b>	<b>Locus</b>	
AHT4	AME	HTG10	
AHT5	CA425UK	HTG4	
ASB17	HMS3	LEX3	
ASB2	HMS6	LEX33	
ASB23	HMS7	VHL20	

<b>Additional Comments</b>
None

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

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