

Equine Genetic Testing Report

Submitted By **AG100565**
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Painted Horse Ranch
Bergstrasse 11
Preding/Weiz, A-8160
AUSTRIA



Subject Horse

Date Received: 09-Mar-2015

Horse Name: **Big Chic Gun**
Breed: Paint Horse
Phenotype: Dun/Tobiano

Registration: 941946
Sex: Stallion
Birth: 2008

Sire

Dam

Sire Name: The Big Gun
Breed: Paint Horse
Registration: 506431
Phenotype: Bay/Tobiano

Dam Name: Frosty Chic N Lace
Breed: Paint Horse
Registration: 377491
Phenotype: Dun/Tobiano

Coat Color and Pattern Testing

	Tobiano		Not Tested
	Frame Overo		Not Tested
	Sabino 1		Not Tested
	Splashed White 1		Not Tested
	Splashed White 2		Not Tested
	Splashed White 3		Not Tested
	Appaloosa (LP)		Not Tested
	Red/Black Factor		Not Tested
X	Agouti	Aa	Heterozygous. Horse carries one copy of the Agouti gene.
	Cream Dilution		Not Tested
X	Dun Dilution	Dd	Heterozygous. Horse carries one copy of the Dun Dilution gene.
	Silver Dilution		Not Tested
	Champagne		Not Tested
	Pearl Dilution		Not Tested
	Gray		Not Tested

Genetic Disorders

X	HYPP	n/n	Clear. Negative for the HYPP gene mutation.
X	HERDA	N/N	Clear. Negative for the HERDA gene mutation.
X	GBED	N/N	Clear. Negative for the GBED gene mutation.
X	PSSM 1	n/n	Clear. 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

Genetic Marker Results

Run Date: Not Tested

-	-	-	-	-	-	-
AHT4	AHT5	ASB17	ASB2	ASB23	AME	CAACBUK
-	-	-	-	-	-	-
HMS3	HMS5	HMS7	HTG10	HTG4	LEX3	LEX33
-	-	-	-	-	-	-
VHL20	UMD11	HMS1	HMS2	HTG6	HTG7	

Additional Comments

None

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