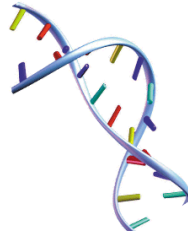


Equine Genetic Testing Report



Submitted By	AG106241
Amy Gumz Gumz Farms 1385 SR 56 East Morganfield, KY 42437	

Subject Horse

Date Received: 11/25/2014

Horse Name: That's My Invitation	Lab Reference #: 00062387
Breed: Quarter Horse	Registration: 4479026
Phenotype: Sorrel	Birth: 2003
Sex: Mare	

Sire
Sire Name:
Breed:
Registration:
Phenotype:

Dam
Dam Name:
Breed:
Registration:
Phenotype:

Coat Color and Pattern Testing

Tobiano	Pending
Frame Overo	Pending
Sabino 1	Pending
Splashed White 1	Pending
Splashed White 2	Pending
Splashed White 3	Pending
Appaloosa (LP)	Pending
Red/Black Factor	Pending
Agouti	Pending
Cream Dilution	Pending
Dun Dilution	Pending
Silver Dilution	Pending
Champagne	Pending
Pearl Dilution	Pending
Gray	Pending
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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		Pending
	CA		Pending
	LFS		Pending

Additional Comments

None

Genetic Marker Results

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
 PSSM1 = Polysaccharide Storage Myopathy - Type 1

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