AnimalGenetics INCORPORATED
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Equine Genetic Testing Report

Submitted By
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Subject Horse

Date Received: 1/12/2015

Horse Name: **Dunitsmart Thistime**
Breed: Quarter Horse
Phenotype: Red Dun
Sex: Stallion

Lab Reference #: 00063485
Registration: 4644845
Birth: 2004

Sire

Sire Name:
Breed:
Registration:
Phenotype:

Dam

Dam Name:
Breed:
Registration:
Phenotype:

Coat Color and Pattern Testing

	Tobiano		*Not Tested*
X	Frame Overo	nn	Negative for Frame Overo (LWO).
	Sabino 1		*Not Tested*
	Splashed White 1		*Not Tested*
	Splashed White 2		*Not Tested*
	Splashed White 3		*Not Tested*
	Appaloosa (LP)		*Not Tested*
	PATN1		*Not Tested*
	Red/Black Factor		*Not Tested*
	Agouti		*Not Tested*
	Cream Dilution		*Not Tested*
	Dun Dilution		*Not Tested*
	Silver Dilution		*Not Tested*
	Champagne		*Not Tested*
	Pearl Dilution		*Not Tested*
	Gray		*Not Tested*
X	Dominant White	W20/W20	Horse has two copies of the W20 Dominant White mutation, and is negative for W3, W5, and W10.

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	MH	n/n	Clear: Negative for the MH gene mutation found in Quarter horses and related breeds.
X	PSSM 1	n/n	Clear: Negative for the PSSM Type 1 gene mutation.
	FIS		*Not Tested*
	JEB1		*Not Tested*
	JEB2		*Not Tested*
	CA		*Not Tested*
	LFS		*Not Tested*
	SCID		*Not Tested*
	Hydrocephalus		*Not Tested*
	HWSD		*Not Tested*
	WFFS1		*Not Tested*

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	

Additional Comments

None