

Equine Genetic Testing Report



Submitted By

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Subject Horse

Date Received: **2/19/2015**

Horse Name: **Silver Dove**
Breed: **Gypsy Vanner**
Phenotype:
Sex: **Mare**

Lab Reference #: **00064899**
Registration:
Birth: **2013**

Sire

Sire Name:
Breed:
Registration:
Phenotype:

Dam

Dam Name:
Breed:
Registration:
Phenotype:

Coat Color and Pattern Testing

X	Tobiano	TT	Homozygous. Horse carries two copies of the Tobiano gene. This horse will always produce Tobiano offspring.
X	Frame Overo	nn	Negative for Frame Overo (LWO).
X	Sabino 1	nn	Negative for the Sabino 1 gene.
X	Splashed White 1	nn	Negative for the Splashed White SW1 mutation.
X	Splashed White 2	nn	Negative for the Splashed White SW2 mutation.
X	Splashed White 3	nn	Negative for the Splashed White SW3 mutation.
X	Appaloosa (LP)	lp/lp	Tested negative for the main Appaloosa LP gene.

X	Red/Black Factor	EE	Homozygous for Black Factor. Horse carries two copies of the Black gene. Horse is Black based.
X	Agouti	aa	Non-Agouti. If horse is black based (E), black pigment will be evenly distributed.

	Cream Dilution		Pending
	Dun Dilution		Pending
X	Silver Dilution	nZ	Heterozygous. Horse carries one copy of the Silver Dilution gene.
	Champagne		Pending
	Pearl Dilution		Pending

	Gray		Pending
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Genetic Disorders

	HYPP		Pending
	HERDA		Pending
	GBED		Pending
X	PSSM 1	n/n	Clear: Negative for the PSSM Type 1 gene mutation.
	MH		Pending
	JEB		Pending
	CA		Pending
	LFS		Pending

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

Thank you for choosing Animal Genetics Inc.

Additional Comments

None