

Equine Genetic Testing Report



Submitted By	AG117033
Saltusienne D'Elevage Domaine des Montelents, 6 rue du Moulin Verlin, 89330 FRANCE	

Subject Horse

Date Received: **7/26/2014**

Horse Name: MP Lady Sunshine Breed: Paint Horse Phenotype: Perlino Sex:	Lab Reference #: 00058994 Registration: 00803529 Birth:
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Sire	Sire Name: MR Buckskin of Skip Breed: Quarter Horse Registration: Q3726987 Phenotype: Buckskin
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Dam	Dam Name: Skippas Lady Night Breed: Quarter Horse Registration: 00437414 Phenotype: Cremello
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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

X	Red/Black Factor	Ee	Heterozygous. Horse is Black based but carries a recessive copy of the Red gene.
X	Agouti	AA	Homozygous for Agouti. Horse carries two copies of the Agouti gene.
X	Cream Dilution	CrCr	Homozygous. Double dilute. Horse carries two copies of the Cream Dilution gene.
	Dun Dilution		Pending
X	Silver Dilution	nn	Negative for Silver Dilution.
X	Champagne	nn	Negative for Champagne Dilution.
X	Pearl Dilution	nn	Negative for Pearl Dilution.
	Gray		Pending

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

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

Additional Comments

None

Thank you for choosing Animal Genetics Inc.