Animal Genetics
INCORPORATED

1336 Timberlane Road
Tallahassee, FL 32312-1766

Equine Genetic Testing Report

Submitted By

Samantha VanSickle
Starfire Gypsy Horses
P.O. Box 125
Dobbins, CA 95935

Date Received: 4/13/2015

Subject Horse

Horse Name: **StarFire The KingPin**
Breed: Gypsy Cob
Phenotype: Bay/White
Sex: Colt

Lab Reference #: 00067449
Registration:
Birth: 2015

Sire

Sire Name: Desert Jewel Viggo
Breed: Gypsy Cob
Registration:
Phenotype: Bay/White

Dam

Dam Name: Rock Ranch Sonadora
Breed: Gypsy Cob
Registration:
Phenotype: Black

Coat Color and Pattern Testing

X	Tobiano	nT	Heterozygous. Horse carries one copy of the Tobiano gene.
	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	Non-Agouti. If horse is black based (E), black pigment will be evenly distributed.
	Cream Dilution		Pending
	Dun Dilution		Pending
	Silver Dilution		Pending
	Champagne		Pending
	Pearl Dilution		Pending
	Gray		Pending
	-----------------	=====	-

Genetic Disorders

HYPP		Pending
HERDA		Pending
GBED		Pending
PSSM 1		Pending
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

Additional Comments

None

Thank you for choosing Animal Genetics Inc.