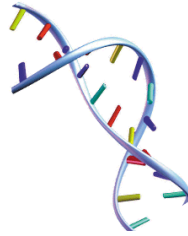


## Equine Genetic Testing Report



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

### Subject Horse

Date Received: 5/9/2014

Horse Name: <b>Starfire the Steamroller</b> Breed: Gypsy Horse Phenotype: Black Sex: Colt	Lab Reference #: <b>00056058</b> Registration: Birth: 2014
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### Sire

Sire Name: Rock Ranch Bjorn Breed: Gypsy Horse Registration: Phenotype: Bay Sabino
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### Dam

Dam Name: Starfire Masque Breed: Gypsy Horse Registration: Phenotype: Black Tobiano
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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

<b>X</b>	Red/Black Factor	<b>Ee</b>	Heterozygous. Horse is Black based but carries a recessive copy of the Red gene.
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<b>X</b>	Agouti	<b>aa</b>	Non-Agouti. If horse is black based (E), black pigment will be evenly distributed.
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Cream Dilution	Pending
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Dun Dilution	Pending
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Silver Dilution	Pending
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Champagne	Pending
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Pearl Dilution	Pending
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Gray	Pending
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### Additional Comments

None

### Genetic Disorders

	HYPP		Pending
	HERDA		Pending
	GBED		Pending
<b>X</b>	PSSM 1	<b>n/n</b>	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

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