

# Genetic Testing Report

**Marka Chief Phoenix****Submitted By**Karine Marcoux  
Les Elevages Marka  
195 Rue Principale  
Sainte-Sabine , QC J0J 2B0  
Canada**Owned By**

Karine Marcoux

**Subject Horse**Horse Name: **Marka Chief Phoenix**  
Breed: **Gypsy Vanner**  
Phenotype: **Bay Tobiano**  
Sex: **Female**  
Birth: **2020**Lab Reference #: **440765**  
Registration: **Pending****Sire**Sire: Chief Cochese The Bard of Aron  
Breed: Gypsy Vanner  
Phenotype: Palomino**Dam**Dam: Rinkenni Dutchess  
Breed: Gypsy Vanner  
Phenotype: Black Tobiano**Disorder Results (2 of 6)**

FIS	<b>N/N</b>	Clear: Horse is negative for the gene mutation associated with FIS.
PSSM1	<b>n/n</b>	Clear: Horse is negative for the PSSM Type 1 gene mutation.

**Color Results (3 of 6)**

Agouti	<b>A/a</b>	Heterozygous: Horse carries one copy (Aa) of the Agouti gene and has a chance to pass it on to all offspring.
Cream	<b>n/n</b>	Negative: Horse is negative for the Cream Dilution.
Red/Black Factor	<b>E/e</b>	Heterozygous: Horse is Black based and carries a copy of the Red gene. Horse will appear black-based and can produce red-based horses.

**Pattern Results (1 of 6)**

Tobiano	<b>n/T</b>	Heterozygous: Horse has one copy of the Tobiano gene mutation will exhibit the Tobiano pattern in varying degrees. Horse has a chance to pass this gene on to any offspring.
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