



3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Crown Cavalo's Ritz Carlton

Submitted By

George Fernandes

78 Reservoir St.
Bethel, CT 06801
USA

Owned By

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Bethel, CT 06801
USA

Subject Horse

Name: Crown Cavalo's Ritz Carlton
Breed: Drum Horse
Phenotype: Smokey Cream Tobiano
Sex: Male
Birth: 03/29/2022

Lab Reference #: 398391
Sample Date: 04/14/2022
Research Date: 04/15/2022
Microchip:

Dam

Dam: PS Faelyn Primrose
Breed: Drum Horse
Phenotype: Smoky Black Tobiano

Disorder Results(2 of 6)

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

Color Results(2 of 6)

Agouti	a/a	Non-Agouti: Horse is homozygous for recessive black (aa) and will pass a copy on to every offspring.
Cream	Cr/Cr	Homozygous: Horse has two copies of the Cream Dilution gene and will appear as a double dilute of its base coat. Horse will pass this gene on to all offspring.

Pattern Results(2 of 6)

Tobiano	T/T	Homozygous: Horse has two copies of the Tobiano gene mutation and will exhibit the Tobiano pattern in varying degrees. Horse will pass a copy on to all offspring.
W20	n/n	Horse is negative for the W20 Dominant White mutation.