

# Genetic Testing Report

## SG FROZEN ENTERPRIZE

**Submitted By**

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Silver Spurs Equine  
24589 210th St  
Purcell, OK 73080  
USA

**Owned By**

Sarah Florida

**Subject Horse**Horse Name: **SG FROZEN ENTERPRIZE**Lab Reference #: **712707**Breed: **Quarter Horse**Phenotype: **Red Dun**Sex: **Male**

Birth:

**Color Results (8 of 16)**

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.
Champagne	<b>n/n</b>	Negative: Horse is negative for the Champagne Dilution.
Cream	<b>n/n</b>	Negative: Horse is negative the for the Cream Dilution.
Dun	<b>D/nd2</b>	Dun: Horse has one copy of the Dun allele and one copy of the nd2 negative allele.
Gray	<b>Absent</b>	Horse is negative for the Gray mutation.
Pearl	<b>n/n</b>	Negative: Horse is negative for Pearl Dilution.
Red/Black Factor	<b>e/e</b>	Homozygous Red: Horse carries two copies of the Red gene and will have a red base coat.
Silver	<b>n/n</b>	Negative: Horse is negative for the Silver Dilution gene mutation.

**Pattern Results (8 of 16)**

LP	<b>n/n</b>	Negative: Horse is negative for LP gene and will not be affected by Congenital Stationary Night Blindness (CSNB).
LWO	<b>n/n</b>	Negative: Horse is negative for the Frame Overo (LWO) gene.
PATN1	<b>n/n</b>	Negative: Horse does not carry the PATN-1 gene.
Sb1	<b>n/n</b>	Negative: Horse is negative for the Sabino 1 gene.
SW1	<b>n/n</b>	Negative: Horse is negative for the Splashed White 1 (SW1) mutation.
SW2	<b>n/n</b>	Negative: Horse is negative for the Splashed White 2 (SW2) mutation.
SW3	<b>n/n</b>	Negative: Horse is negative for the Splashed White 3 (SW3) mutation.
Tobiano	<b>n/n</b>	Negative: Horse is negative for the Tobiano gene mutation.