

Genetic Testing Report

Einsteins Revolution "JR"

Submitted By

Sarah Florida
Silver Spurs Equine

Subject Horse

Horse Name: **Einsteins Revolution "JR"**Lab Reference #: **892548**Breed: **Quarter Horse**Registration: **4281862**Phenotype: **Dun**Sex: **Male**Birth: **May 2, 2022**

Color Results (8 of 16)

Agouti	A/A	Homozygous Agouti: Horse carries two copies (AA) of the Agouti gene and will pass a copy on to every offspring.
Champagne	n/n	Negative: Horse is negative for the Champagne Dilution.
Cream	n/n	Negative: Horse is negative the for the Cream Dilution.
Dun	D/nd2	Dun: Horse has one copy of the Dun allele and one copy of the nd2 negative allele.
Gray	Absent	Horse is negative for the Gray mutation.
Pearl	n/n	Negative: Horse is negative for Pearl Dilution.
Red/Black Factor	E/e	Heterozygous: Horse is Black based and carries a copy of the Red gene. Horse will appear black-based and can produce red-based horses.
Silver	n/n	Negative: Horse is negative for the Silver Dilution gene mutation.

Pattern Results (8 of 16)

LP	n/n	Negative: Horse is negative for LP gene and will not be affected by Congenital Stationary Night Blindness (CSNB).
LWO	n/n	Negative: Horse is negative for the Frame Overo (LWO) gene.
PATN1	n/n	Negative: Horse does not carry the PATN-1 gene.
Sabino1	n/n	Negative: Horse is negative for the Sabino 1 gene.
Splash White 1	n/n	Negative: Horse is negative for the Splashed White 1 (SW1) mutation.
Splash White 2	n/n	Negative: Horse is negative for the Splashed White 2 (SW2) mutation.
Splash White 3	n/n	Negative: Horse is negative for the Splashed White 3 (SW3) mutation.
Tobiano	n/n	Negative: Horse is negative for the Tobiano gene mutation.