

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

LLUCILLE

Submitted By

SERGIO ELIA
PuntaCi Ranch

Subject Horse

Horse Name: **LLUCILLE**
Breed: **Quarter Horse**
Phenotype: **BAY ROAN**
Sex: **Female**
Birth: **Jan 7, 2022**Lab Reference #: **583666**
Registration: **6138641**

Disorder Results (6 of 22)

GBED	N/N	Clear: Horse is negative for the GBED gene mutation.
HERDA	N/N	Clear: Horse is negative for the HERDA gene mutation.
HYPP	n/n	Clear: Horse is negative for the HYPP gene mutation.
IMM	N/N	Clear: Horse is negative for the mutation associated with IMM.
MH	n/n	Clear: Horse is negative for the MH gene mutation.
PSSM1	n/n	Clear: Horse is negative for the PSSM Type 1 gene mutation.

Color Results (8 of 22)

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 for the Cream Dilution.
Dun	nd2/nd2	Non-Dun
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 22)

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/SW1	Heterozygous: Horse has one copy of the Splashed White 1 (SW1) mutation and will exhibit the Splashed White pattern in varying degrees. Horse can pass this gene on to any offspring.
Splash White 2	n/SW2	Heterozygous: Horse has one copy of the Splashed White 2 (SW2) mutation and will exhibit the Splashed White pattern in varying degrees. Horse can pass this gene on to any offspring.
Splash White 3	n/n	Negative: Horse is negative for the Splashed White 3 (SW3) mutation.

Toll Free: 800.514.9672

Phone: 850.386.1145

Web: <https://localhost:8080/AnimalGenetics>3382 Capital Circle NE
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Pattern Results Continued

Tobiano	n/n	Negative: Horse is negative for the Tobiano gene mutation.
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