

# Genetic Testing Report

## Suggestive Impulse

### Submitted By

Kerry Bradac  
Bradac Ranch South  
9505 NW Hwy 225 A  
Ocala, FL 34482  
USA

### Owned By

Kerry Bradac

### Subject Horse

Horse Name: **Suggestive Impulse**  
Breed: **Quarter Horse**  
Phenotype: **Sorrel**  
Sex: **Female**  
Birth: **2018**

Lab Reference #: **472195**  
Registration: **5877328**

### Sire

Sire: Open For Suggestion  
Breed: Quarter Horse  
Phenotype: Red Roan

### Dam

Dam: Shy Zip N Impulse  
Breed: Quarter Horse  
Phenotype: Sorrel

### Disorder Results (6 of 24)

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 (7 of 24)

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	nd2/nd2	Non-Dun
Pearl	n/n	Negative: Horse is negative for Pearl Dilution.
Red/Black Factor	e/e	Homozygous Red: Horse carries two copies of the Red gene and will have a red base coat.
Silver	n/n	Negative: Horse is negative for the Silver Dilution gene mutation.

### Pattern Results (11 of 24)

W10	n/n	Horse is negative for the W10 allele.
W13	n/n	Horse is negative for the W13 Dominant White mutation.
W20	n/n	Horse is negative for the W20 Dominant White mutation.
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.
Sb1	n/n	Negative: Horse is negative for the Sabino 1 gene.

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**Suggestive Impulse****Pattern Results Continued**

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.