



**ETALON**  
DIAGNOSTICS

HORSE ID: 110719 018

**Genetic Profile Test Results**  
**Horse: 2019 Colt Secured By Fancy X TQS Ladies Got A Gun**  
**Owner: Suzy Moody**

**Horse and Owner Information**

<b>Horse</b>	2019 Colt Secured By Fancy X TQS Ladies Got A Gun	<b>DOB</b>	2019-01-21
<b>Breed</b>	American Paint Horse	<b>Age</b>	0 years, 10 months
<b>Color</b>	Sorrel	<b>Sex</b>	stallion
<b>Discipline</b>	Halter	<b>Height</b>	.....
<b>Registry</b>	American Paint Horse Association	<b>Reg Number</b>	.....
<b>Sire</b>	Secured By Fancy	<b>Dam</b>	TQs Lady Got A Gun
<b>Sire Reg &amp; No.</b>	American Paint Horse Association 940186	<b>Dam Reg &amp; No.</b>	American Paint Horse Association 757620
<b>Comments</b>	Description: 2 back white stockings, Apron face, Front Right Stocking		

<b>Owner</b>	Suzy Moody	<b>Address</b>	227 wharton rd
<b>Phone</b>	1 830-792-4455 / +1 830-739-9541	<b>City, State</b>	kerrville, TX
<b>Email</b>	liveoak@ktc.com	<b>Postal Code</b>	78028

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## Genetic Profile Test Results

**Horse:** 2019 Colt Secured By Fancy X TQS Ladies Got A Gun

**Owner:** Suzy Moody

### Results Summary

#### Coat Color:

2019 Colt Secured By Fancy X TQS Ladies Got A Gun has two Red alleles and no Black alleles, indicating the base coat color appears Red. One copy of the Dominant Agouti allele was detected; invisible on a Red base (it pushes/restricts Black out to points; legs, ear tips, etc. appearing Bay). Two Dominant White 20 alleles and one Splashed White 1 allele was detected which may result in White markings. As a result of the allele count in each of the following, he has a minimum 100% chance of passing Red and Dominant White 20, and 50% Dominant Agouti and/or Splashed White 1 to any offspring.

#### Allele

**Aa, ee, nd1/nd2, W20/W20, SW1/n, HYPP/n**

#### Summary:

**Myostatin: Sprint Type**

**6 panel: HYPP H/n, GBED n/n, HERDA n/n, MH n/n, PSSM1 n/n, LWO n/n**

#### Traits:

2019 Colt Secured By Fancy X TQS Ladies Got A Gun's testing indicated the presence of one Hyperkalemic Periodic Paralysis (HYPP) allele indicating "Carrier" and "Possibly Affected" status. Please consult with your veterinarian regarding any medical questions or advice. Caution is recommended when breeding to avoid another carrier and thus a 25% chance of "Likely Affected" offspring. \*The DNA was also tested on our discovery/validation platform for non-Dun Primitive Markings. Preliminary results indicate this horse is heterozygous for non-Dun Primitive Markings (nd1/nd2) and may pass it to 50% of any offspring.

#### Please note:

Your analysis is ongoing and may include some regions marked with an asterisk denoting the following.  
\* Discovery - This gene detection is in the early stages of discovery and will have varying reliability results.  
\*\* Inconclusive - Not a bad omen! Simply put, the gene of interest did not reveal itself (neither a positive nor a negative; no result, therefore unknown).

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