



Genetic Profile Test Results

Horse: Hesa Hot Gunner

Owner: Tanya/Robert Hollasch

Results Summary

Coat Color: Hesa Hot Gunner has two Red alleles and no Black indicating his base coat color appears Red. One copy of the dominant Agouti allele was also detected; invisible on a Red base (it pushes/restricts Black out to points; legs, ear tips, etc. appearing Bay). One Splashed White 1 allele was also detected which may result in White markings. One Splashed White 2 allele was also 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 50% Dominant Agouti, and /or 50% Splashed White 1, and/or 50% Splashed White 2 to any offspring.

Allele Summary: **Aa, ee, nd1/nd1, SW1/n, SW2/n, CC (Sprint Type)**

6 Panel Negative: **GBED, HERDA, HYPP, LWO, MH, PSSM1 (N/N)**

Traits: Hesa Hot Gunner has not tested positive for any recessive disease alleles on this panel. * DNA was also tested on our discovery/validation platform for non-Dun Primitive Markings. Preliminary results indicate he is homozygous for non-Dun Primitive Markings (nd1/nd1) and may pass it to 100% 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).