



VETERINARY GENETICS LABORATORY  
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## HORSE COAT COLOR / PATTERN TEST RESULTS

<b>JEFFREY NEIDHART</b> 4144 CRISTO REY ST FARMINGTON, NM 87401	<b>Case: NQ48686</b> <b>Date Received: 26-Mar-2019</b> Print Date: 13-Jun-2019 Report ID: 2044-2163-7219-1000 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.htm">www.vgl.ucdavis.edu/myvgl/verify.htm</a>
<b>Horse: SMOOTHLY AUTUMN</b> DOB: 02/04/2015 Sex: Mare Breed: Quarter Horse	<b>Reg: 5705963</b>
<b>Sire: SMOOTH AS A CAT</b> <b>Dam: AUTUMN BOON</b>	<b>Reg: 3808235</b> <b>Reg: 4210858</b>

RED FACTOR	<b>E/e</b>	Both black and red factors detected.	SPLASHED WHITE (SW1, SW3)	<b>N/N</b>	No copies of SW1 or SW3 detected.
AGOUTI	<b>A/a</b>	1 copy of agouti. If present, black pigment is restricted to the points.	SPLASHED WHITE (SW2, SW4)	<b>N/N</b>	No copies of SW2 or SW4 detected.
CREAM	<b>N/N</b>	No copies of Cream dilution detected.	TOBIANO	<b>N/N</b>	No copies of Tobiano detected.
PEARL	<b>N/N</b>	No copies of Pearl dilution detected.	LEOPARD	<b>N/N</b>	No copies of Leopard Complex detected.
SILVER	<b>N/N</b>	No copies of Silver dilution detected.	PATTERN-1	<b>N/N</b>	No copies of PATN1 detected.*
DUN	<b>nd2/nd2</b>	Horse is not Dun dilute. Primitive markings are absent.	BRINDLE 1		Not requested.
CHAMPAGNE	<b>N/N</b>	No copies of Champagne dilution detected.	TIGER EYE		Not requested.
LETHAL WHITE OVERO	<b>N/N</b>	No copies of lethal white overo detected.	MUSHROOM (SHETLAND PONY)		Not requested.
SABINO 1	<b>N/N</b>	No copies of Sabino 1 detected.	GRAY	<b>Absent</b>	Gray gene is absent. Horse will not turn gray.
DOMINANT WHITE (W5, W10, W20)	<b>N/W20</b>	1 copy of W20 detected.	ROAN	<b>Rn/N</b>	1 copy of classic Roan detected.

\*Pattern-1: In order for high levels of white spotting to be visible on horses that inherit PATN1, LP must also be present.

For more detailed information on Horse Coat Color results, please visit:  
[www.vgl.ucdavis.edu/services/coatcolorhorse.php](http://www.vgl.ucdavis.edu/services/coatcolorhorse.php)