



VETERINARY GENETICS LABORATORY
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AQHA COAT COLOR PANEL TEST RESULTS

AMERICAN QUARTER HORSE ASSOCIATION P.O. BOX 200 AMARILLO, TX 79168-0001	Case: QHA252430 Date Received: 17-Jun-2016 Print Date: 21-Jun-2016 Report ID: 5691-9245-8985-5113 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
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Horse: QUIGLEYS KEY COMMAND DOB: 01/01/2007 Sex: Stallion Breed: Quarter Horse Alt. ID: 5887476	Reg: 5056544
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Sire: QUIGLEY COMMANDE Dam: DOCS CAPITAL MISS	Reg: 4102850 Reg: 4008499
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RED FACTOR	E/e	
AGOUTI	A/A	Both black and red factors detected. Either E or e transmitted to offspring. Basic color is black, bay or brown in the absence of other modifying genes.
CREAM	N/Cr	Black pigment distributed in points pattern. Basic color is bay or brown in the absence of other modifying genes.
PEARL	N/N	Heterozygous, dilute, one copy of Cream gene. Typical colors are palomino, buckskin and smoky black in the absence of other modifying genes.
SILVER	N/N	No evidence of the altered sequence detected.
LETHAL WHITE OVERO	N/N	No evidence of the altered sequence detected.
SABINO 1	N/N	No evidence of altered sequence detected.
TOBIANO	N/N	No evidence of altered sequence detected. Horse is not Tobiano.
CHAMPAGNE	N/N	No evidence of altered sequence detected.
SPLASHED WHITE SW-1	N/N	No evidence of altered sequence detected.
SPLASHED WHITE SW-2	N/N	No copies of SW-1 mutation.
SPLASHED WHITE SW-3	N/N	No copies of SW-2 mutation.
GRAY	N	No copies of SW-3 mutation.
DUN	N/N	Gray gene is absent. Horse will not turn gray.
DOMINANT WHITE (W5, W10, W20)	W20/W20	Markers inconsistent with horse being Dun.
		Two copies of the W20 mutation detected. W20 has subtle or no effect on white spotting. Horse may display extended white markings.