



VETERINARY GENETICS LABORATORY  
 SCHOOL OF VETERINARY MEDICINE  
 ONE SHIELDS AVENUE  
 DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211  
 FAX: (530) 752-3556

**AQHA COAT COLOR PANEL TEST RESULTS**

AMERICAN QUARTER HORSE ASSOCIATION P.O. BOX 200 AMARILLO, TX 79168-0001	<b>Case: QHA246405</b> <b>Date Received: 05-May-2016</b> Print Date: 06-May-2016 Report ID: 6904-2175-1107-1180 Verify report at <a href="http://www.vgl.ucdavis.edu/myvgl/verify.html">www.vgl.ucdavis.edu/myvgl/verify.html</a>
---	---

Horse: **SMOKN DRIFTING SANDS** Reg: **5589033**

DOB: **01/01/2014** Sex: **Mare** Breed: **Quarter Horse** Alt. ID: **6579952**

Sire: **SMOKN CAJUN PACKRAT** Reg: **4591228**

Dam: **NIFTYS SPARKLIN JAZ** Reg: **4232170**

RED FACTOR	E/E	
AGOUTI	<b>a/a</b>	Only recessive allele detected. Black pigment distributed uniformly. Basic color is black in the absence of other modifying genes.
CREAM	<b>Cr/Cr</b>	Double dilute (two copies of Cream gene). Typical colors are cremello, perlino and smoky cream in the absence of other modifying genes.
PEARL	<b>N/N</b>	No evidence of the altered sequence detected.
SILVER	<b>N/N</b>	No evidence of the altered sequence detected.
LETHAL WHITE OVERO	<b>N/N</b>	No evidence for the altered sequence detected.
SABINO 1	<b>N/N</b>	No evidence of altered sequence detected.
TOBIANO	<b>N/N</b>	No evidence of altered sequence detected. Horse is not Tobiano.
CHAMPAGNE	<b>N/N</b>	No evidence of altered sequence detected.
SPLASHED WHITE SW-1	<b>N/N</b>	No copies of SW-1 mutation.
SPLASHED WHITE SW-2	<b>N/N</b>	No copies of SW-2 mutation.
SPLASHED WHITE SW-3	<b>N/N</b>	No copies of SW-3 mutation.
GRAY	<b>N</b>	Gray gene is absent. Horse will not turn gray.
DUN	<b>D/D</b>	Horse has 2 copies of Dun dilution. All foals will be dun-diluted.