



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

TELEPHONE: (530) 752-2211
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DUN ZYGOSITY TEST REPORT

LORETTA GROSSET 1178 PRAIRIE BREEZE LANE BURNS, WY 82053	Case: DT26557 Date Received: 10-Mar-2011 Report Date: 24-Mar-2011 Report ID: 2995-1327-7967-3084
<i>Name:</i> DIAL A GLORIOUS NITE <i>YOB:</i> 10 <i>Breed:</i> AP <i>Sex:</i> M <i>Alt. ID:</i>	<i>Reg:</i> 665767
<i>Sire:</i> DIAL A CHALLENGE <i>Dam:</i> BIG DUKE'S COMET	<i>Reg:</i> 568497 <i>Reg:</i> 560423

DUN ZYGOSITY RESULT

D/D

Result Codes:

- D/D:** Horse is homozygous for the Dun gene. All offspring should be Dun dilute.
- D/N:** Horse has one copy of the Dun gene. Horse will transmit Dun gene to 50% of the offspring.
- N/N:** Markers inconsistent with horse being Dun.
- Inconclusive 1:** Dun zygosity cannot be determined for this case.
- Inconclusive 2:** Dun zygosity cannot be determined for this case. Submission of samples from one or both parents may resolve zygosity.

This zygosity test is not a direct test for the Dun gene. The analysis is based on markers associated with Dun dilution.



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DUN ZYGOSITY TEST REPORT

LORETTA GROSSET 1178 PRAIRIE BREEZE LANE BURNS, WY 82053	Case: DT26558 Date Received: 10-Mar-2011 Report Date: 24-Mar-2011 Report ID: 4557-5102-6796-7008
<i>Name:</i> DIAL A SUNRISE <i>YOB:</i> 08 <i>Breed:</i> AP <i>Sex:</i> M <i>Alt. ID:</i>	<i>Reg:</i> 655892
<i>Sire:</i> DIAL A CHALLENGE <i>Dam:</i> BIG DUKES MOONDANCER	<i>Reg:</i> 568497 <i>Reg:</i> CN590574

DUN ZYGOSITY RESULT

D/N

Result Codes:

- D/D:** Horse is homozygous for the Dun gene. All offspring should be Dun dilute.
- D/N:** Horse has one copy of the Dun gene. Horse will transmit Dun gene to 50% of the offspring.
- N/N:** Markers inconsistent with horse being Dun.
- Inconclusive 1:** Dun zygosity cannot be determined for this case.
- Inconclusive 2:** Dun zygosity cannot be determined for this case. Submission of samples from one or both parents may resolve zygosity.

This zygosity test is not a direct test for the Dun gene. The analysis is based on markers associated with Dun dilution.