

Subj: **Horse DNA Test Results**
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 From: horsetesting@avianbiotech.com
 To: jdspainthorses@aol.com

AnimalGenetics
INCORPORATED
 1336 Timberlane Road
 Tallahassee, FL 32312

Test Results

Name: Shirley A. Schmitt

Account#: 101324

Business: JDS Paint Horses

Email: jdspainthorses@aol.com

Date Received: 4/10/2009

Horse Name	Breed	Tobiano	Red Factor
JDS Mr Super Tramp	Paint Horse	TT	Ee

Result Guide:

Tobiano

- TT** Only Tobiano allele detected. The horse tested homozygous for Tobiano.
- nT** Both Tobiano and non-Tobiano alleles detected. The horse is Tobiano heterozygous.
- nn** No Tobiano was detected.

Red Factor

- ee** Only the red factor detected. The horse tested homozygous for red pigment. The basic color is chestnut or sorrel, but depending on gene other color loci, the horse could be red dun, palomino, cremello, gray or white.
- Ee** Both black and red factors detected. The horse tested heterozygous for the red factor. It can transmit either E or e to its offspring. The basic color of the horse will be black, bay or brown, but depending on genes at other color loci, the horse may be buckskin, zebra dun, grullo, perlino, gray, or white.
- EE** Only the black factor detected. The horse tested homozygous for black pigment. It cannot have red foals regardless of the color of the mare. The basic color of the horse will be black, bay or brown, but depending on genes at other color loci, the horse may be buckskin, zebra dun, grullo, perlino, gray or white.