Subj: **Horse DNA Test Results**
Date: 5/20/2009 2:38:35 P.M. Pacific Daylight Time
From: horsetesting@avianbiotech.com
To: jdspainthorses@aol.com

AnimalGenetics INCORPORATED
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Test Results

Name: Shirley A. Schmitt **Account#:** 101324
Business: JDS Paint Horses **Email:** jdspainthorses@aol.com
Date Received: 5/18/2009

Horse Name	Breed	Tobiano	Red Factor
JDS Mr. Tramp's Shadow	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 ba 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 m 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 du grullo, perlino, gray or white.