



Ultrasound Guidelines Council

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Quiz for UGC Webinar #7 – “Current Applications of DNA in the Genetic Evaluation of Carcass Traits”

Originally aired August 13, 2013

NOTE: This quiz is for Absentia Techs who were NOT able to participate in the webinar when originally aired. To receive education credits, these techs must view the webinar and complete the quiz below. There is only 1 correct answer for each question. For credit fax (or mail) the completed quiz to UGC at the number (or address) above.

Name _____ Email _____ Date _____

1. Carcass EPDs published by the American Angus Association, the American Simmental Association, and the Red Angus Association of America are based on _____.
 - a. Individual phenotypes
 - b. Progeny phenotypes
 - c. Pedigree information
 - d. DNA tests
 - e. All of the above

2. The American Angus Association currently updates carcass EPDs _____.
 - a. every day
 - b. once per week
 - c. once per month
 - d. once per year
 - e. twice a year

3. DNA tests lead to more accurate genetic evaluations for _____.
 - a. traits that are difficult or expensive to measure
 - b. traits that are measured late in life
 - c. animals that are raised in single-animal contemporary groups
 - d. All of the above

4. The impact of adding information from DNA tests on EPD-accuracy is greatest for animals with _____ accuracy EPDs.
 - a. low-
 - b. moderate-
 - c. high-

5. The Red Angus RA50K DNA panel was validated using _____.
 - a. data from the US Meat Animal Research Center
 - b. a random sample of animals from the Red Angus database
 - c. 250 Red Angus animals that were not in the discovery/training database
 - d. All of the above