

# MEMBERSHIP TIPS

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## Tips for submitting DNA

*The availability of several genomic profile options gives Angus cattle producers several options in genomic testing, available through AGI's partner labs Neogen GeneSeek Operations and Zoetis and accessible through AAA Login. Selecting which test and company is an individual decision. When submitting DNA samples, please follow the steps listed below.*

### Step by step

1. **Order DNA cards or tissue sampling units (TSU)** to collect DNA samples.
2. **Collect DNA samples** — blood, hair, semen or tissue (TSU).
  - The preferred method of collection and submission is the DNA blood card or TSU.
  - The DNA blood card should be thoroughly saturated.
  - TSUs or hair cards should be used when sampling twins.
  - Samples can be collected at any age.
  - View the video on the AGI tab at [www.angus.org](http://www.angus.org) to learn how to collect samples.
3. **Submit animal data.** If animals have not been registered and/or

do not have data through Angus Herd Improvement Records (AHIR®), use the Electronic Calving Book for submission prior to ordering a DNA test. The animal being tested must have its identification (ID), date of birth (DOB), sex, sire (or possible sires) and dam identified with the Association prior to submission.

4. **Order testing in AAA Login under DNA > Order Tests.** The following tests are available: Angus GS™, Zoetis HD50K and i50K, stand-alone parentage, AM, NH, CA, DD, OH, OS, myostatin (M1), dwarfism (D2) and coat color.
  - Submit the completed file through the AAA Login cart check out.

- A confirmation email will be sent upon receipt of order.
- Print the order confirmation and mail it along with the samples to AGI.

If you do not have Internet access, please contact Member Services at 816-383-5100 for more information on ordering available DNA tests.

5. **Mail samples to AGI** along with your completed order confirmation. Allow samples to dry thoroughly before mailing. Do not enclose damp samples in a sealed bag. Mail to:
 

Angus Genetics Inc.  
3201 Frederick Ave.  
Saint Joseph, MO 64506  
816-383-5100

**Fig. 1: Adding alternate sires(s)**

Details	Sent To Lab	File	No. Processed	Genomic Tests Recvd from Lab Date	Parentage Recvd from Lab Date	Defect Recvd from Lab Date	Notes
	AV	AV	AV	AV	AV	AV	AV
Details	12/19/2017	1318823	2	12/28/17 - ANG	12/28/2017		
Details	12/13/2017	1315679	3	12/29/17 - 50K	12/29/2017		
Details	12/13/2017	1315683	1	12/28/17 - 50K	12/28/2017		
Details	12/07/2017	1312842	1				
Details	12/07/2017	1312921	1	12/27/17 - 50K	12/27/2017		
Details	12/01/2017	1310081	9	12/18/17 - 50K	12/18/2017	12/18/2017	
Details	11/30/2017	1309591	4	12/18/17 - 50K	12/18/2017		
Details	11/29/2017	1308463	4			12/14/2017	
Details	11/28/2017	1308187	20	12/12/17 - 50K	12/12/2017		1 Sample Failed Result!
Details	11/03/2017	1297256	1	11/21/17 - ANG	11/21/2017		
Details	11/03/2017	1297266	1	11/21/17 - ANG	11/21/2017		
Details	11/03/2017	1297272	3	11/21/17 - ANG	11/21/2017		

**Fig. 2: Where to add alternate sires(s) to individual**

6. **Results** take three to four weeks and will be available and posted on AAA Login under DNA > Test Results > View Results when available.

Login, go to DNA Test Results > View Results. Click on “Details” next to the file number (see Fig. 1).

When adding alternate sires, you have two options — add sires to the whole file or add them to animals individually.

To add individually, go to the parentage column and click on the

square with the pencil icon (see Fig. 2). Type in the alternate sires or choose Sire Group > Add Sires > Submit and then check out the cart. This will submit the alternate sires to the Association.

Click on the yellow bar in Fig. 3 to add alternate sires to the whole file. [A](#)

## Add alternate sires

To add alternate sires in AAA

**Fig. 3: Where to add alternate sires(s) to whole file**



*“When submitting calves with unknown parentage or if you use multi-sire pastures, it is highly recommended that you test the calf prior to registering. At the time you submit the sample on the calf for parentage testing, provide all possible sires by creating a sire group. This will let the DNA determine the correct sire and allow us to correct it on the calf’s weight data. Then you can submit and register the calf correctly.”*

— Gayla Fuston, customer service representative