THE POWERFUL NEW GENOMIC SELECTION TOOL
Built By Angus Genetics Inc.

ANGUSGS
Powered by Neogen GeneSeek
Angus GS™ sets the standard for genetic testing in Angus cattle.

- More power
- More accuracy
- More value

As a new genomic profile for whole-herd selection, Angus GS combines the best aspects of Angus breeders’ quality traditions and market success.

Empowering Your Future With Genomics

Pick the best cattle from your seedstock herd. Use genomics to guide mating, management and marketing decisions. Use the power of DNA prediction to compete at a higher level.
The First Genomic Profile All About Angus.

- Angus-specific gene markers for improved accuracy
- A full 50K for genomic prediction
- A business opportunity for rapid, whole-herd advancement

Saturated with Angus-Specific DNA Content

Angus GS added 10,000 new Angus gene markers to the core content.

- Relevant Angus gene markers will improve prediction accuracy
- Producers will better understand the inherited contributions from all ancestors

Novel DNA Traits For Future Success

The future is bright for mating plans that can improve fertility and other key traits.

- With ongoing discovery built in, Angus GS gives producers a head start on future opportunity
- Angus GS offers new potential to better understand healthy embryonic development, feed efficiency and meat tenderness
By moving to a new standard for genetic predictions, the new Angus GS can take full advantage of all 50K of Angus-specific content.

• More informative DNA data in the genetic evaluation
• Has all markers used in the Angus evaluation, no imputation required

A Business Opportunity

Angus GS is more than a DNA test. It’s a new opportunity.

• You will know your cow herd better when you use DNA testing on your females
• Make mating decisions that better meet your customers’ seedstock needs
“It is up to all of us to leverage the power of our massive genotype and performance database at Angus and unleash the full potential of genomics.”

Dan Moser, Ph.D.
President of AGI
PUTTING ANGUS GS TO WORK: THE ADVANTAGES OF WHOLE HERD GENOTYPING.

Affordable And Easy to Use, Angus GS Is The Best DNA Profiler For Angus Seedstock Production.

It Starts with DNA Sampling

Angus Genetics now welcomes Allflex Tissue Sampling Units (TSU), a practical DNA collection system you can implement during routine cattle handling. Collect DNA in seconds.

Make the Best Plan for Your Whole Herd

In the past, most producers only DNA tested their top-end sale bulls. Now, Angus GS will help you select both males and females to produce future generations of quality Angus cattle.
“Angus GS is designed to work hand in glove with AGI’s genetic engine to calculate EPDs. This is the best EPD technology to pair with advanced reproductive technologies.”

Stephen Miller, Ph.D.
Director of Genetic Research, AGI
MANAGE BREEDING AND MATING PLANS PROACTIVELY.

Knowing Both Sides Of A Mating, Producers Can Improve Beneficial Traits While Breeding Around Less Desirable Qualities.

GE-EPDs. A Brand Builder for Your Herd

- Heifer bulls with superior calving ease
- Terminal sires with outstanding $B
- Bred heifers with strong fertility

Your customers count on these accuracies to achieve their goals.

Get Meaningful Results Faster

If producers profile males and females soon after birth using Angus GS, they could save years of risk and investment.

- AGI’s single step EPD methodology differentiates full sibs early in life
- Angus GE-EPDs used with AI and ET tools can make your operation even more efficient
"With this power, the Angus breed will pull ahead of the competition even faster as we collect genotypes and phenotypes on more animals."

Kelli Retallick
Director of Genetic Service, AGI
STAYING ON TOP OF THE FIELD.

As Angus GS Results Pour In, Scientists At AGI Will Refine Prediction Accuracies For Novel Traits.

A Very Bright Future Ahead

Angus GS is already a powerful new product. And it’s going to get better and better.

- **Fertility** – Angus GS detects blocks of DNA scientifically associated with embryo health. AGI scientists aim to pinpoint genes that enhance fertility
- **Feed efficiency** – The new profile test detects genetic regions that affect feed efficiency in the Angus breed. AGI will continue to push ahead on efficient feed conversion
- **Tenderness** – Angus GS contains standard tenderness markers plus genes that may influence meat quality in Angus cattle
- **Great promise on the genomic frontier** – Potential markers included with Angus GS determine health traits and environmental adaptability. Bottom line: Angus producers using Angus GS will be ahead of the pack
“We have had tremendous success as breeders, producers and marketers of the Angus brand. And we are building an even more exciting future. Angus GS is part of that plan.”

Jerry Connealy
Owner of Connealy Angus

Wholesale Beef Demand Index Values Source: USDA, Urner Barry & Certified Angus Beef LLC
Visit angus.org/agi to learn more about the new standard for genetic testing in the Angus breed. There, you can login to purchase Angus GS and see how to submit orders and samples.

Make A Plan.
To schedule a discussion about your goals, please contact AGI, your Angus Association Regional Manager or your Neogen GeneSeek territory manager.

Tool Up For Success.
Members can access Angus GS marketing at angus.org/MarketingTools.
ANGUS. ONLY ANGUS.