

“The decision to join the collaborative evaluation undertaken by **International Genetic Solutions (IGS)** will bring a number of advantages to commercial cow-calf producers and other participants in the beef value chain.”

— Dr. Bob Weaver, Kansas State University
Cow-calf Extension Specialist

“**IGS** represents an unprecedented collaboration between multiple beef breed associations with a common goal: Improving National Cattle Evaluation and providing commercial cattle producers with the tools needed to make informed selection decisions.”

— Matt Spangler, University of Nebraska
Beef Genetics Specialist

“With the advent of multi-breed evaluations and improvements in national genetic evaluations, the rate of progress is unprecedented . . . The greatest impact of these changes will be felt by the commercial industry.”

— Troy Marshall,
Marshall Cattle Company



“This concept of data sharing or data comingling facilitates efficient bull selection and adds a simpler tool to the commercial producer’s toolbox for bull selection.”

— Kris Ringwall,
North Dakota State University

Your Success is Our Job

Let us know how we can help you be more successful. Contact any of the members of **IGS** for assistance, questions or comments regarding our products and the science of more profitable genetics.

For more information on IGS and its partners, see below:

American Chianina Association:
816-431-2808;
chicattle.org

American Gelbvieh Association:
303-465-2333;
gelbvieh.org

American Shorthorn Association:
402-393-7200;
shorthorn.org

American Simmental Association:
406-587-4531;
simmental.org

Canadian Angus Association:
403-571-3580;
cdnangus.ca

Canadian Gelbvieh Association:
303-465-2333;
gelbvieh.org

Canadian Limousin Association:
403-253-7309;
limousin.com

Canadian Shorthorn Association:
306-757-2212;
canadianshorthorn.com

Canadian Simmental Association:
403-250-7979;
simmental.com

North American Limousin
Foundation:
303-220-1693;
nalf.org

Red Angus Association of
America:
940-387-3502;
redangus.org

IGS Vision Statement

International Genetic Solutions (IGS) delivers the best objectively described, user-friendly and science-based genetic predictions to enhance the profitability of beef cattle producers.

www.internationalgeneticsolutions.com
beef@internationalgeneticsolutions.com

406-205-3033

Trust is the Gold Standard

*An unprecedented collaboration
between progressive breed
associations to enhance beef
industry profitability.*

 **IGS** International
Genetic Solutions

We Collaborate. You Profit.

www.internationalgeneticsolutions.com
beef@internationalgeneticsolutions.com

406-205-3033



IGS is a collaboration of progressive breed associations that have put the needs of the commercial cattle producer first by creating an unprecedented multi-breed genetic evaluation. With nearly 18,000,000 total animals and 340,000+ new animals added annually, **IGS** has the largest beef genetic evaluation system in the world — a system that provides beef producers with the most powerful and user-friendly selection tools that have ever existed.



- ◆ IGS Multi-breed Genetic Evaluation *powered by BOLT* — the largest beef genetic evaluation
- ◆ ALL Breeds and Breed Compositions
- ◆ Full Suite of EPDs and Indexes
- ◆ Direct EPD Comparisons
- ◆ Full Range of DNA Enhancement Options
- ◆ Commercial Herd Access
- ◆ Producer Friendly Cost Structures
- ◆ IGS Feeder Profit Calculator™



Revolutionary Multi-breed Genetic Evaluation System — In keeping with its commitment to the beef industry, **IGS** is pleased to announce the IGS Multi-breed Genetic Evaluation *powered by BOLT*. The new genetic evaluation provides more predictive EPDs, better use of genomics, more accurate accuracy reported with EPDs, all with weekly evaluations. This announcement ushers in a revolutionary era in genetic evaluation — an era made possible by the cooperation and commercial focus of **IGS**.

Unrivaled Database — Fueled by data from progressive breed associations nearly 18 million total animal records with over 340,000 new animals added annually. Not only is the **IGS** database unmatched in size, it's also unsurpassed in quality, as the vast majority of new records are derived from **IGS** partners who implement whole-herd reporting.

Simplified Selection Tools — While the process of calculating EPDs on the world's largest multi-breed database is complex, the **IGS** partners have taken a revolutionary step by presenting the resulting EPDs on a common base; which allows users to directly compare the genetic merit of animals regardless of breed composition.

Commercial EPDs — Commercial producers now have access to the tools once reserved for seedstock operations. EPDs, Indexes, and DNA enhancement are now available for commercial cowherds. Producers can now make more knowledgeable selection decisions regarding their female base and select bulls that best fit their herd and marketing plans. Also, this genetic information can be incorporated into a program that values and differentiates the profitability of feeder cattle — such as the IGS Feeder Profit Calculator™!

IGS Feeder Profit Calculator™ — Historically, the primary limitation of valuing feeder calves has been accurately gauging the profit potential in the largest genetic group within the industry — the crossbred calf. Therefore, a feeder calf profit calculator must have multi-breed capabilities. It must be able to incorporate genetic value with management related information. Fortunately, **IGS** provides the ideal platform to generate unparalleled information on crossbred feeder calves. **IGS** is uniquely suited to provide the industry's benchmark in gauging feeder calf value. The **IGS** Feeder Profit Calculator empowers producers to market with confidence and allows feeders to maximize their purchasing dollars.

IGS Science Team



Matt Spangler, PhD
IGS Scientific Contributor



Mahdi Saatchi, PhD
IGS Lead Genomicist



Lauren Hyde, PhD
IGS Lead Geneticist



Dorian Garrick, PhD
CSO & CFO
Theta Solutions LLC



Wade Shafer, PhD
IGS Consulting Geneticist



Jackie Atkins, PhD
IGS Education Director



Steve McGuire
IGS Database Manager



Bruce Golden, F
CEO & President
Theta Solutions LLC



Michael MacNeil, PhD
IGS Scientific Contributor