



## GeneSTAR Marbling, Tenderness & Feed Efficiency

### **GeneSTAR now incorporates Feed Efficiency!!!**

The GeneSTAR® range of tests are diagnostic tests that provide a valuable genetic selection tool for cattle producers. With GeneSTAR® tests in hand, producers are achieving higher returns from their seedstock; breeders achieving improved outcomes across their entire herds and sellers are reaping higher returns due to improved marbling, tenderness and feed efficiency in their cattle.

In addition, feedlots are able to increase efficiencies with the GeneSTAR® feedlot test. This enables feedlots to accurately determine the worth and potential outcomes of animals placed on feed so you can make the most out of feeding the right animals for the right market.

Using the Catapult Genetics star rating system you'll quickly see which animals have the most potential. Quite simply, more stars are better! So for highly effective, accurate herd management, your future is in the stars. Whether you're buying, selling, planning or managing a herd be sure to look for GeneSTAR®s.

### **GeneSTAR® results now have a 0-8 star range for all three traits: Marbling, Tenderness and Feed Efficiency.**

- Increase your herd selection power
- Increase returns and beef quality with recognised GeneSTAR test results
- Cost effective, value for money method to increase the amount of Genetic information
- The most widely used and accepted range of DNA tests being used in the marker today
- Earn higher returns from better quality cattle
- A sound investment in the genetic improvement of any herd

### **GeneSTAR Feed Efficiency4**

GeneSTAR® Feed Efficiency4 is a test for four separate DNA markers that affect Feed Efficiency in an animal. This is a four marker test for Feed Efficiency that has been evaluated on animals with measured feed efficiency. As with GeneSTAR® Marbling4 and Tenderness4, the four GeneSTAR® Feed Efficiency markers are all independent and additive. Results are reported on a 0-8 star scale. The more stars - the less an animal will eat to gain the same amount of weight as its peers.

Practically at seedstock level the application of the test will be identifying breeding animals that can produce more efficient progeny. At feedlot level the application will be the ability to sort cattle into groups for different feeding programs or markets.

### **GeneSTAR Marbling4**

GeneSTAR® Marbling4 is a test for four separate DNA markers that affect marbling in an animal. This test enables cattle breeders to select individuals that carry copies of the favourable, high marbling forms of the four markers. The high marbling forms of these markers have been shown in CSIRO research to be associated with increased marbling in cattle. The four marker tests are additive - meaning results can be added together to produce a 0-8 star scale for marbling.

### **GeneSTAR Tenderness4**

How did you feel the last time you were served a tough piece of beef at a restaurant? If you answered disappointed, irritated or dissatisfied you are not alone. Meat tenderness is the biggest factor contributing to consumer satisfaction.

GeneSTAR® Tenderness4 is a test for four separate DNA markers that affect Tenderness (measured by shear force) in the carcass. Research shows that animals with more stars are genetically programmed to be more tender, resulting in significantly fewer unsatisfactory eating experiences. Again, results are reported on a 0-8 star scale - the more stars, the better!

<http://www.genestar.com.au/>