What is the process?

Contact NMR to order by **line no.** or **ear tag ID**

Collect samples with **NMR genotype tag** or **Tissue Sampling Unit** and add barcode to sample sheet

Keep samples **cool** and **post back** to NMR in the pre-paid envelope

Results are reported 6-8 weeks later via **Herd Companion** and your **Herd Genetic Report**

A tissue sampling unit (TSU) delivers the best results for on farm accuracy and successful lab sample completion; the TSU allows you to take a tiny ear notch from any animal of any age, using either a standalone TSU or as part of the official tag pair.

The genotype is generated by DNA extraction and processing; it is then submitted to AHDB Dairy and Egenes who generate individual genomic evaluation data focussed on health, production, fertility and type.



C0NTACT **NMR CUST0MER SERVICES**
03330 043043 | GENOMICS@NMRP.COM

NMR

You **mix**.
You **breed**.
We **test**.

Explore the possibilities with
cross breed genomic testing

AHDB
Powered by

NMR

What are the benefits?

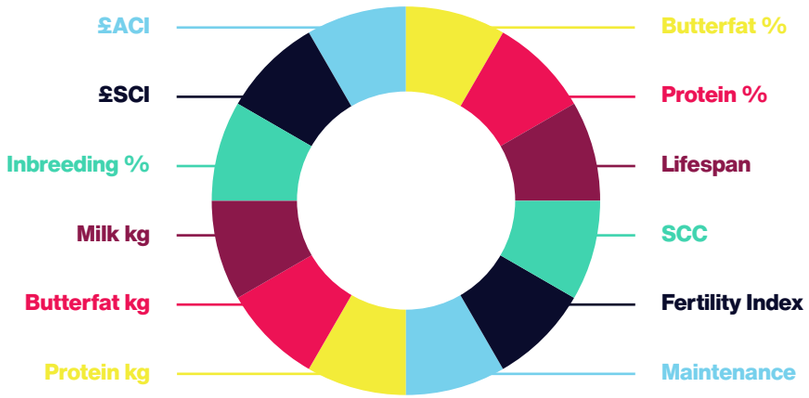
- Accurately identify the **best breeding stock** regardless of age.
- Increase the rate of **generational turnover** by accurately identifying **maiden heifers** to breed to dairy.
- Get DNA verified **parentage** confirmation.
- Simple access to GenoCells **SCC management** services.
- NMR provides totally **independent testing** for the UK dairy industry - support packages go right through to sire selection with any sire pool of your choice.

Which breeds?

Cross breed evaluations should be open to all combinations of breeds however some breeds have limited reference data (Fleckvieh, Montbeliarde and other specialist breeds) and may fail to get results due to lower reliability.

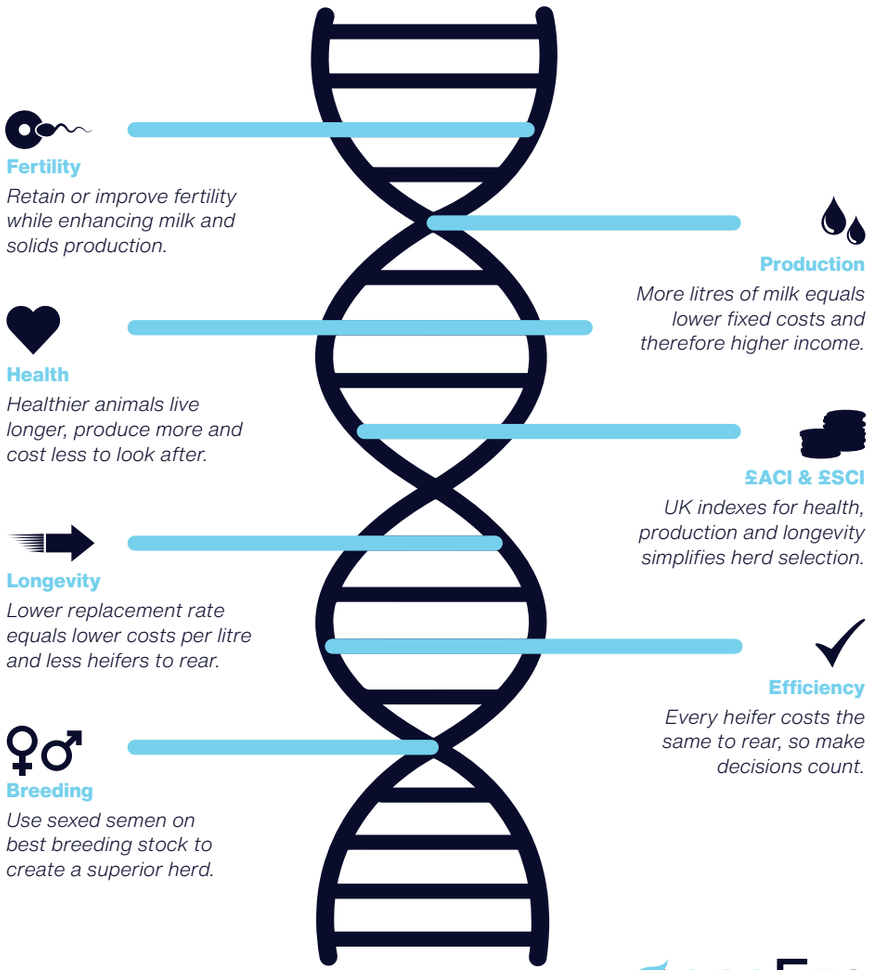
What do I get?

These traits are combined into AHDB's aggregate indexes £ACI and £SCI, allowing you to compare across herd without the need to consider the breed or mix of breeds for each animal. Traits available are as follows:



Why genomic testing?

Easy to interpret and totally independent, GeneEze from NMR enables you to benchmark your herd and develop your optimal breeding group using a range of available tools. Genomic data is consistent and highly reliable, allowing for immediate herd improvements that will positively impact production, health, fertility and conformation.



Fertility

Retain or improve fertility while enhancing milk and solids production.

Health

Healthier animals live longer, produce more and cost less to look after.

Longevity

Lower replacement rate equals lower costs per litre and less heifers to rear.

Breeding

Use sexed semen on best breeding stock to create a superior herd.

Production

More litres of milk equals lower fixed costs and therefore higher income.

£ACI & £SCI

UK indexes for health, production and longevity simplifies herd selection.

Efficiency

Every heifer costs the same to rear, so make decisions count.

GeneEze
From NMR