



Three-point Strain Health Check



NCIMB offers a **three-point health check** for microbes used as production strains, feed additives or probiotic products. Our strain health check allows you to:

1

Identify

and assess strain
functionality.

2

Monitor

for strain drift and
optimise processes.

3

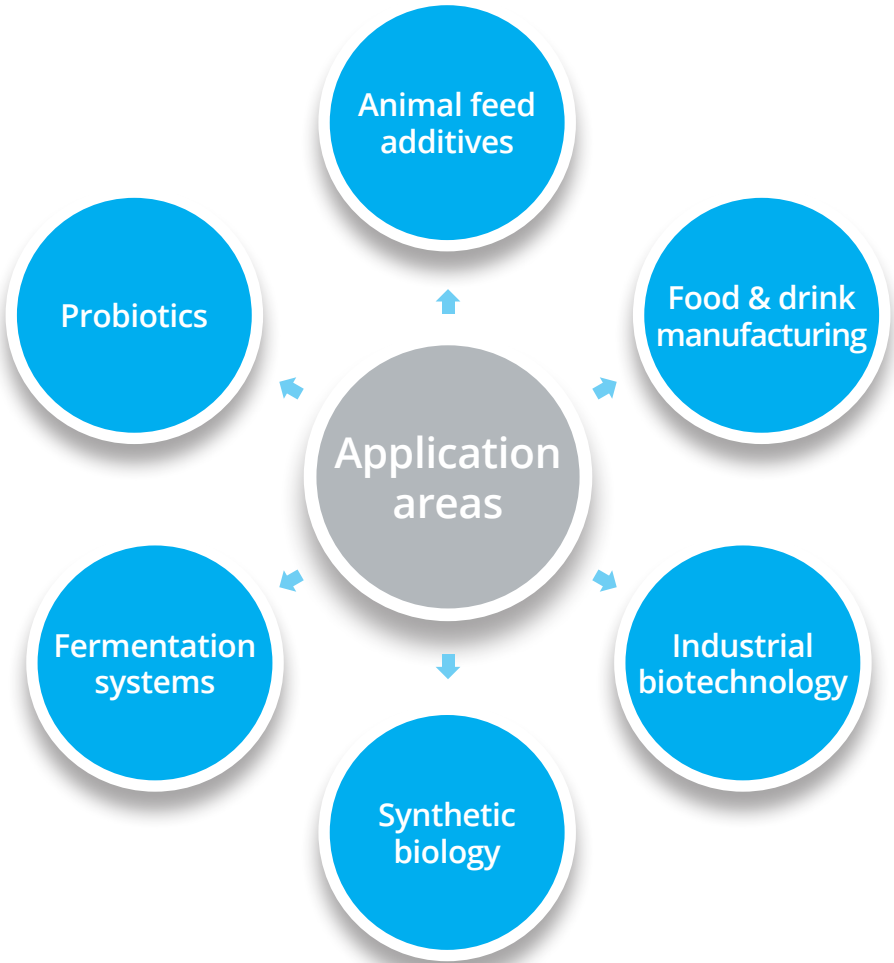
Comply

with regulations
and mitigate risk.

Helping you develop new and improved
microbial applications and processes

Who is it for?

Our three-point strain health check is applicable to industrial biotechnology, synthetic biology, fermentation systems such as anaerobic digesters, food & drink manufacturing, animal feed additives and probiotics - in fact, in any application where your process relies on microbial products.



What are the benefits?

Identify

Understand your strain at the genomic level and make sure that key strain functionality remains. You can assess new or engineered strains for their suitability in your application.

Monitor

Reduce the impact of strain drift by monitoring your strain over its production life. A regular checkup can help to ensure your processes are optimal.

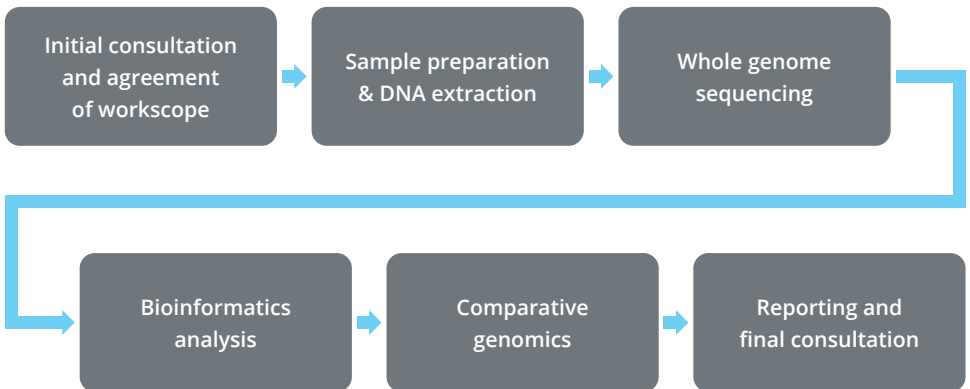
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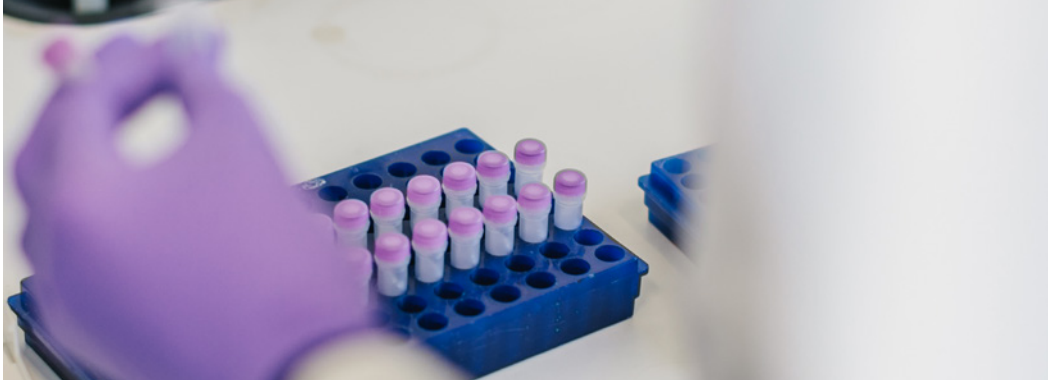
Comply with European Food Safety Authority FEEDAP guidelines for animal feed probiotics. Minimise your product's risk of spreading antimicrobial resistance and virulence factors.

What's involved?

A deep whole-genome sequence of your strain underpins our three-point strain health check. We'll examine each base pair of DNA to understand how genomic changes impact your products

and processes. We will take you from sample to bioinformatics analysis and tailor our reports for your particular requirements with upfront and post-project consultation.





Why use NCIMB?

- Tailored approach
- Customer-focused team
- Expert project guidance
- Wide range of samples accepted
- Fast turnaround

Contact us to discuss your next project.

Other NCIMB services

NCIMB provides a full range of microbial sequencing services including:

- Whole genome sequencing
- Microbial identification
- Bioinformatics analysis
- Metagenomics
- Microbial community analysis

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