

Take advantage of our tailored metagenomics sequencing service

Put your project in our expert hands

Amplicon-based metagenomic studies (16S, 18S and ITS)

- In-depth consultation to select the correct amplicon for your microbial community of interest
- Cost-effective, proprietary high-throughput multiplexing protocols of 16S, 18S and ITS amplicons on the illumina MiSeq® platform
- Bioinformatic services include:
Operational Taxonomic Unit picking with a hybrid clustering approach (reference-assisted/de novo), diversity analysis with extensive data visualisation and identification of the closest known species for each OTU

Contact us today to discuss your research project with one of our sequencing specialists ngs@lgcgroup.com

Integrated tools.
Accelerated science.

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Whole-genome metagenomic studies

- High-quality shotgun libraries for low quantity samples at high multiplexing levels
- Full fragment sequencing on the illumina MiSeq platform and extreme depth sequencing on the illumina NextSeq® platform
- Taxonomic composition analysis and metagenome assembly including gene predictions and draft functional annotation

*Only applicable for specific kinds of projects, upfront consultation required.



BIOSEARCH™
TECHNOLOGIES

GENOMIC ANALYSIS BY LGC