

Biomarker Technologies(BMKGENE)

Biomarker Technologies (BMKGENE) has been actively engaged in innovation and developing high-throughput sequencing technologies and bioinformatics for over 13 years. We have brought in the most cutting-edge high-throughput sequencing platforms, including Illumina, Nanopore, PacBio, 10X Genomics, and high-performance computing platforms.



500+

Institutes in
Collaboration

50000+

Projects Successfully
Completed

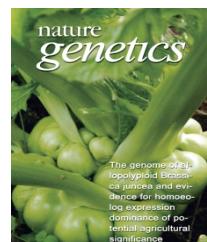
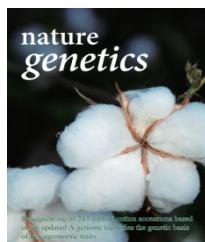
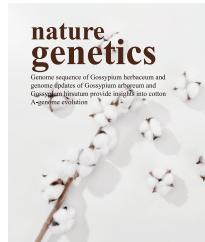
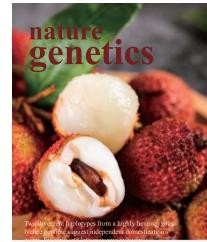
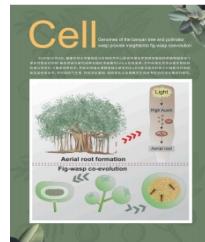
3000+

Cooperative Papers
Published

13 years

of Professional
Experience

BMKGENE has a passionate and highly-skilled R&D team with over 500 members and owns over 60 nation patents of inventions and over 200 software copyrights on bioinformatics analyses. BMKGENE has a robust ability in tackling scientific and technical issues and has contributed to thousands of high-impact publications. BMKGENE is committed to providing the most comprehensive services covering genomics, transcriptomics, single-cell omics, microbial genomics and epigenetics.



Service Workflow



Service Scope

1 Transcriptomics

- mRNA Sequencing
- Long Non-coding RNA Sequencing
- Small RNA Sequencing
- Whole Transcriptome Sequencing
- Full-length mRNA Sequencing (Nanopore)
- Full-length mRNA Sequencing (PacBio+Illumina)

4 Microbial Genomics

- 16S/18S/ITS Amplicon Sequencing (NGS)
- Full-length 16S/18S/ITS Amplicon Sequencing (PacBio)
- Shotgun Metagenomics
- Nanopore-based Metagenomics
- Bacteria Genome Sequencing
- Fungal Genome Sequencing

2 Plant and Animal Genomics

- Whole Genome Resequencing
- Long-read Whole Genome Sequencing
- Reduced Representative Genome Sequencing-SLAF
- De novo Genome Assembly
- Hi-C based Genome Assembly

5 Epigenetics

- Hi-C based Chromatin Interactions
- ATAC-Sequencing
- ChIP Sequencing
- Cut&Run
- Cut&Tag
- Whole Genome Bisulfite Sequencing
- Reduced Representative Bisulfite Sequencing

3 Human Genetics

- Human Whole Genome Sequencing
- Human Whole Exome Sequencing

6 Single-cell Omics

- BMKMANU S1000 Spatial Transcriptomics (Cell Segmentation)
- 10X Visium Spatial Transcriptomics
- Single-nucleus RNA Sequencing
- Single-cell ATAC-Sequencing

Biomarker Technologies (BMK) GmbH

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