

Biomarker Technologies (BMK) GmbH

Innovation Leads to Wonders



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

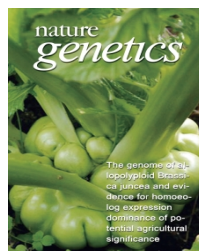
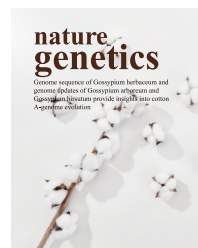
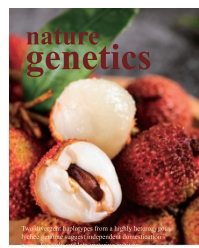
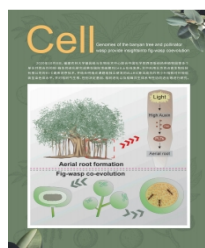
3000+

Cooperative Papers
Published

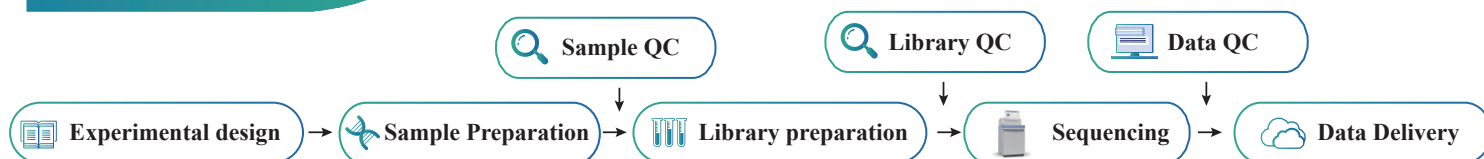
13 years

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)

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

3

Human Genetics

Human Whole Genome Sequencing
Human Whole Exome Sequencing

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

5

Epigenetics

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