



GBTS

Genotyping By Targeted Sequencing

Genomic Marker Panels
for Maize



High throughput, Flexible density

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Ready-to-Use Maize Panels

High-throughput genotyping technology is essential for identifying and developing superior maize varieties. Our Genotyping by Target Sequencing (GBTS) technology combines the benefits of array-based methods and high-throughput sequencing, offering unique advantages in customization, throughput, and cost-effectiveness.

Utilizing this advanced GBTS technology, we have developed a comprehensive range of ready-to-use maize panels with varying marker densities. These panels are designed to accommodate a diverse array of sample types, including plant tissues and seeds.

In addition to our extensive portfolio of genotyping products, we offer bespoke services tailored to your specific needs. By providing your unique SNP list, we can swiftly design from low to high density, cost-effective liquid-phase panels that align with your research or breeding objectives.

Elevate your breeding programs with our innovative maize panels, designed to support your pursuit of excellence in maize variety development.

Product Name	Technology	Target Number	Marker Type
GenoPlexs® Maize Parental Purification Panel	GenoPlexs®	181	SNP
GenoPlexs® Maize 1000 Panel for ILM	GenoPlexs®	1211	SNP
GenoBaits® Maize 1K Panel	GenoBaits®	1354	SNP
GenoBaits® Maize Seed Parents Recover 1K Panel	GenoBaits®	1445	SNP+INDEL+GMO
GenoPlexs® Maize Transgenic Backcross 1K Panel	GenoPlexs®	2607	SNP,GMO
GenoBaits® Maize DH Panel	GenoBaits®	3087	SNP+INDEL+GMO
GenoBaits® Maize GS 3K Panel	GenoBaits®	3720	SNP,GMO
GenoBaits® Maize Transgenic Backcross 1K Panel	GenoBaits®	4644	SNP,InDel,GMO
GenoBaits® Maize 10K Panel	GenoBaits®	10000	SNP
GenoBaits® Maize Transgenic Backcross 10K Panel	GenoBaits®	16018	SNP+GMO
GenoBaits® Maize GS 20K Panel	GenoBaits®	19416	SNP,GMO
GenoBaits® Maize 20K Panel	GenoBaits®	19998	SNP
GenoBaits® Maize 45K Panel	GenoBaits®	43670	SNP

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Service Process

