Infinium® XT
Production-scale genotyping to meet increasing global demands
Introducing Infinium XT
Experience the next generation of genotyping

Now you can:
• Increase productivity and capacity with the same infrastructure
• Reduce total turnaround time with less hands-on time
• Integrate new workflow and automation efficiencies
• Minimize operational costs

The Infinium XT solution:

Design

Scale and process

Track, analyze, and report
Design
Build a reliable, fully customizable panel with DesignStudio™

50K
Targeted
Screen up to 50,000 markers

Flexible
Multi-species design capabilities

95%
Optimized
Enhanced user experience

Guaranteed
At least 95% custom assay conversion
Scale and process

Effectively grow your business with Infinium XT

Production-scale genotyping: 96-sample, high-capacity BeadChip and optimized workflow

Flexible: balance turnaround time and throughput with tailored workflow options

Simplified: reduced hands-on and processing time
Track, analyze, and report

Optimize your workflow with the next generation of Illumina LIMS, GenomeStudio® and Beeline™ software

Fully-integrated: software and Laboratory Information Management System (LIMS)

Streamlined: real-time data generation, analysis, and on-demand QC reporting

Flexible: interactive software for customized experience

Advanced: polypoid genotyping analysis
Enable your customers to:

1. Discover high-value animals in the herd
2. Find high-value seeds in stock
3. Uncover more information for breeding decisions
4. Accelerate genetic gain
5. Responsibly manage global resources

Impact global demand at a greater scale with Infinium XT next-generation genotyping
Industry-leading solutions
A community of support

From library prep, arrays, and sequencing to informatics, Illumina genomic solutions empower researchers and clinical researchers across the globe to find the answers they seek.

When you join the Illumina community, you become part of a dynamic scientific movement that includes thousands of researchers and industry thought leaders. Throughout the year, we host user group meetings, symposia, consortia, online forums, and other initiatives—all designed to bring the best minds together to share ideas and advance science.

In addition to on-site training, ongoing support, and phone consults, we offer webinars and courses at various Illumina locations. We’re here with all the resources you need to accelerate progress.

Discover more about Infinium XT technology for agrigenomics
www.illumina.com/InfiniumXT

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