

illumina®

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



Optimized

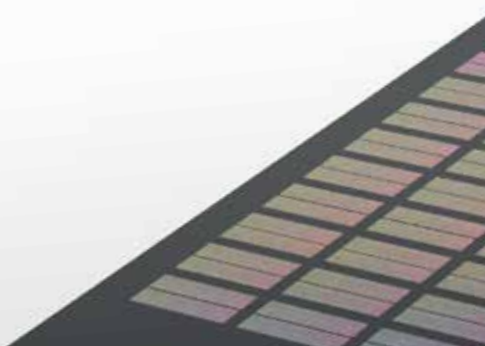
Enhanced user
experience



95%

Guaranteed

At least 95% custom
assay conversion



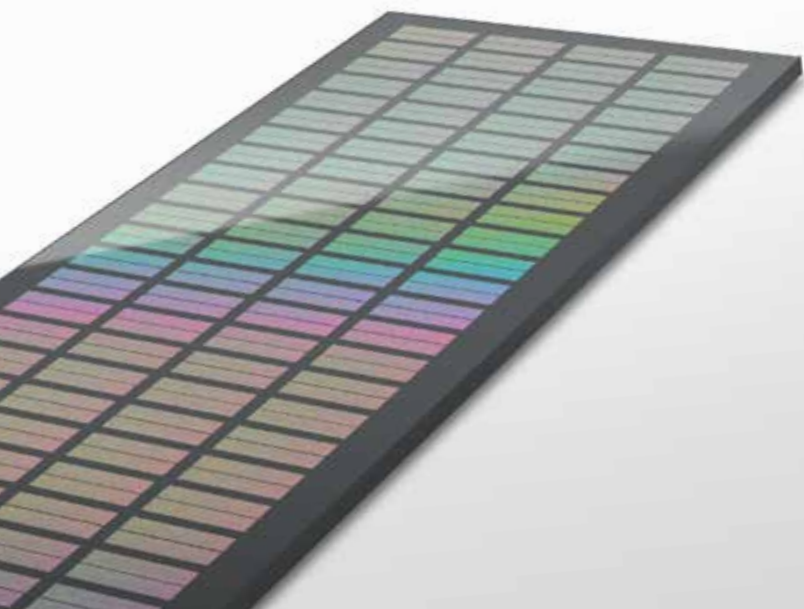
Scale and process

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

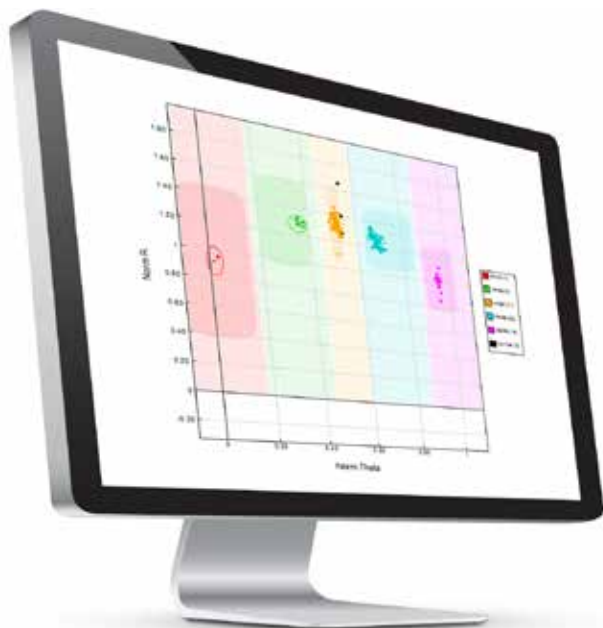
Optimize your workflow with the next generation of Illumina LIMS, GenomeStudio[®] and Beeline[™] software

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: polyploid genotyping analysis



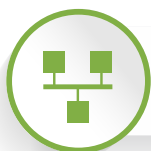
Enable your customers to:



Discover high-value animals in the herd



Find high-value seeds in stock



Uncover more information for breeding decisions



Accelerate genetic gain



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

illumina[®]

For Research Use Only. Not for use in diagnostic procedures.

© 2016 Illumina, Inc. All rights reserved. Illumina, Beeline, DesignStudio, GenomeStudio, Infinium, the pumpkin orange color, and the streaming bases design are trademarks of Illumina, Inc. and/or its affiliate(s) in the US and/or other countries. All other names, logos, and other trademarks are the property of their respective owners. Pub. No. 370-2016-008 Current as of 5 August 2016