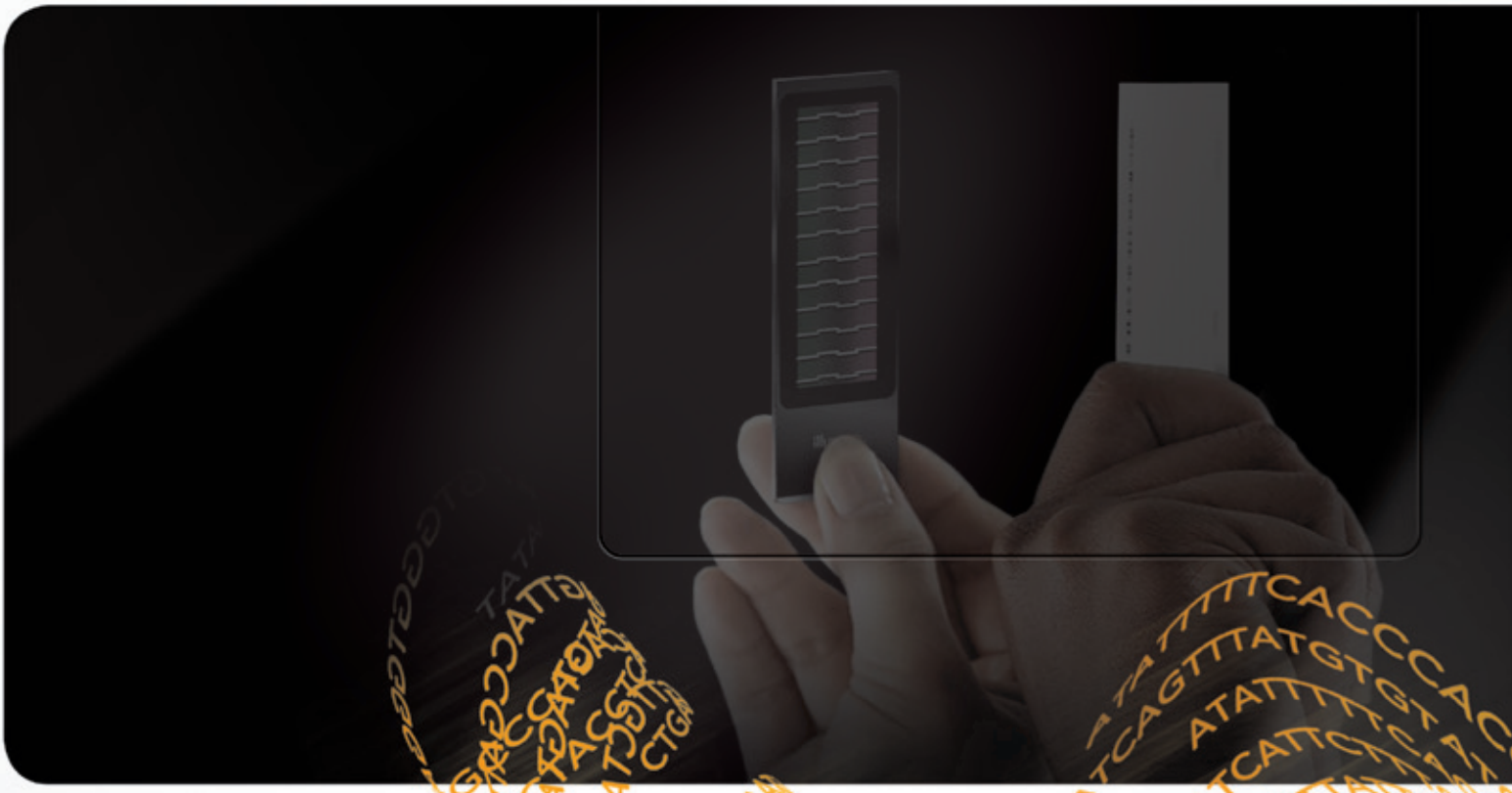
Introducing HiScanSQ

Two proven technologies.
One powerful platform.



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HiScanSQ.

Microarrays and next-gen sequencing. Now you have access to both. One instrument. One software package. One new approach to genetic analysis.

Designed for flexibility.

It's your research. Dynamic and ever-evolving. New discoveries today are changing tomorrow's path. HiScanSQ allows you to seamlessly move from arrays to sequencing, providing access to the widest breadth of applications available. With the flexibility to explore the genome on your terms, a world of opportunity emerges.

Proven performance.

HiScanSQ incorporates the proven array and sequencing technologies that Illumina's large and established user community has come to know. Thousands of Illumina customers are publishing at unprecedented rates. And not only on human discoveries, but on non-human species as well. You can feel confident with Illumina array and sequencing technologies brought together with HiScanSQ.

One streamlined solution.

Arrays. Sequencing. HiScanSQ is the easiest way to incorporate both into your lab—its been designed with streamlined operations in mind. Paired-end fluidics enable seamless second-read sequencing. Plug-and-play reagents reduce hands-on time. Touch-screen interface and step-by-step run setup ensure easy use. And it's all tied together with the intuitive GenomeStudio® software suite for clear visual data analysis. Harness the power of arrays and sequencing. It's that simple.

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The speed of microarrays + The power of next-gen sequencing

Whole-Genome Analysis	Whole-Genome Genotyping	Whole-Genome Discovery
Copy Number Variation (CNV)	CNV Analysis	CNV Discovery
Targeted Genome Analysis	Custom and Focused SNP Genotyping	Targeted Resequencing
Gene Regulation and Epigenetic Analysis	Whole-Genome DNA Methylation Profiling	• Whole-Genome DNA Methylation Discovery and Analysis • Chromatin Immunoprecipitation Sequencing (ChIP-Seq) • Small RNA Discovery and Analysis
Gene Expression	• Whole-Genome Gene Expression Analysis • FFPE Sample Analysis	Transcriptome Discovery and Profiling
Cytogenetics	Cytogenetic Abnormalities	Digital Karyotyping

Learn how you can position yourself for the future at
www.illumina.com/HiScanSQ

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