



Make Illumina part of **your** DNA.

The most comprehensive set of
DNA analysis tools available.

Illumina's portfolio of DNA analysis products delivers industry-leading data quality at the lowest cost per study. Accelerate discovery by looking at DNA from every angle.

- ▶ **SNP genotyping** — Achieve significance with the industry's best genomic coverage and data quality.
- ▶ **CNV analysis** — Obtain the most comprehensive access to known and novel CNV regions.
- ▶ **DNA sequencing** — Sequence virtually anything at a fraction of the cost and time.
- ▶ **DNA methylation** — Get single CpG site resolution with high-multiplex standard or custom methylation panels.
- ▶ **ChIP-Seq** — Obtain genome-wide maps of DNA-protein interactions with unprecedented resolution, quality and cost.

Make us part of your DNA. Join the growing Illumina Community.

Find out how to make
Illumina part of your DNA:

www.illumina.com/DNA



A Comprehensive Set of Tools for DNA Analysis

At Illumina®, we have turned individual DNA analysis applications into a complete workflow that will change the way you analyze DNA. Rather than developing isolated applications, we feature an integrated DNA analysis toolset that custom fits to your needs.

From SNP discovery and whole-genome genotyping studies that include CNV analysis and resequencing to focused genotyping, DNA methylation, and screening panel development, we encourage the creativity that fuels groundbreaking studies. This application-based flexibility

liberates experimental design. Our comprehensive application portfolio ensures that all steps in the process are backed by the Illumina quality and support you have come to expect.

Innovation the Illumina way enables you to make discoveries faster.

We develop each technology with the awareness that power, data quality, and time to publication are critical factors. Our DNA analysis products reflect our commitment to delivering the highest-value tools, accelerating the discoveries that will help us all to understand, cure, and ultimately prevent disease.

APPLICATION	Whole-Genome Association/ CNV Analysis	Targeted Analysis	Sequence-based Discovery	Validation, Screening, and Standard Tests
ASSAY	Infinium®	Infinium and GoldenGate®	Sequencing by Synthesis	GoldenGate ASPE
MARKER DENSITY	240K to 1M	6K to 60K 96 to 6K	1 base to > 1 Gb+	1 to 384

BeadArray™



BeadStation

Solexa® Sequencing



Genome Analyzer

VeraCode™



BeadXpress Reader™

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