World-class solutions.
A community of support.

From library prep, arrays, and sequencing to informatics, Illumina next-generation solutions empower researchers and clinicians 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, clinicians, 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 onsite 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 how the MiSeq FGx System can help accelerate your search for the truth. Contact your Illumina representative to learn more or visit **www.illumina.com/MiSeq_FGx**

A global genomics leader, Illumina delivers complete sample-to-answer solutions to the research and clinical communities. Illumina technology generates 90% of the world's sequencing data. Through collaborative innovation, we are fueling groundbreaking advancements in the fields of oncology, reproductive health, genetic disease, microbiology, agriculture, and forensic science.

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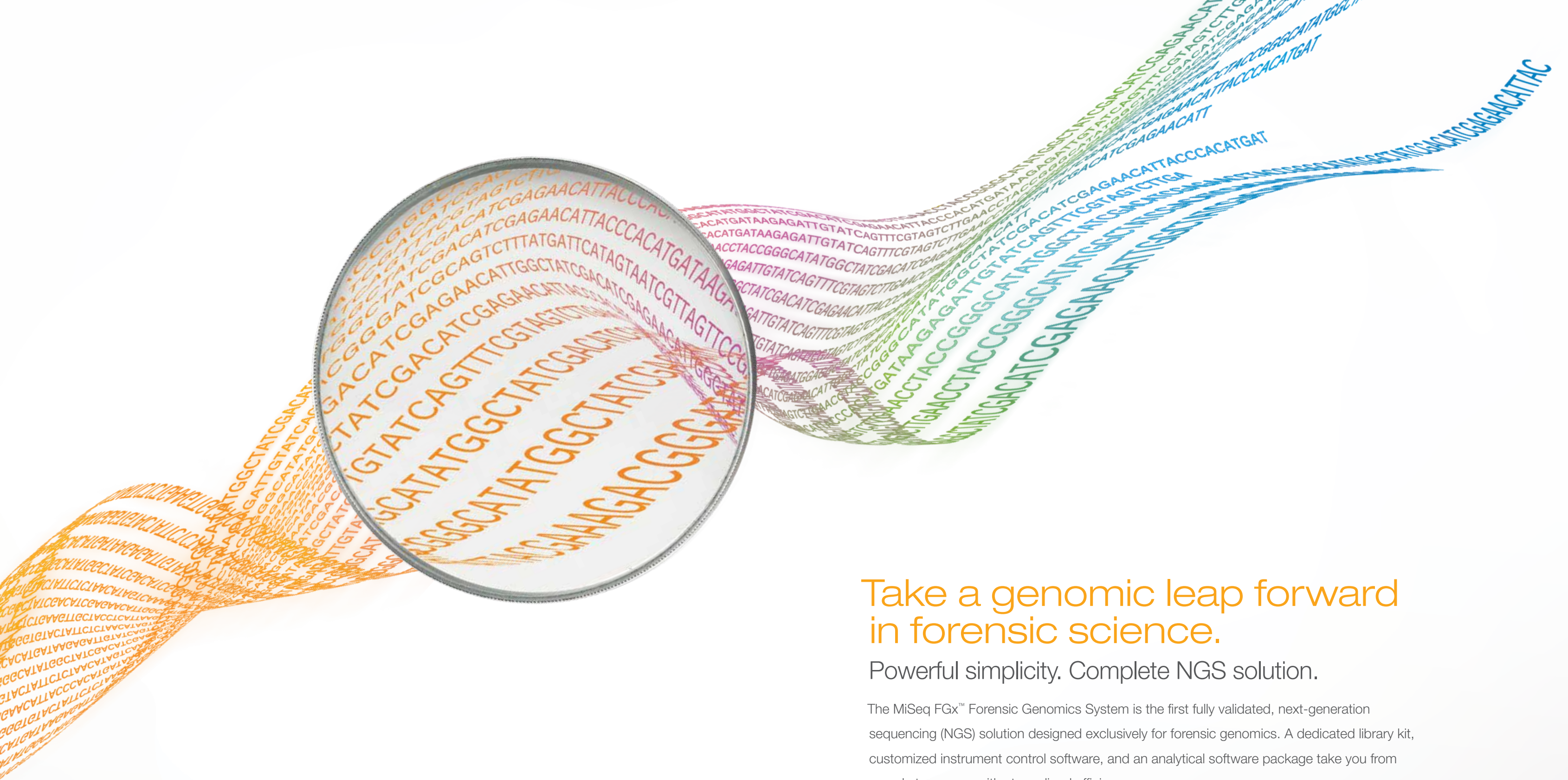
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Focused forensic power.

The MiSeq FGx™ Forensic Genomics System.

Take a genomic leap forward in forensic science.

Powerful simplicity. Complete NGS solution.

The MiSeq FGx™ Forensic Genomics System is the first fully validated, next-generation sequencing (NGS) solution designed exclusively for forensic genomics. A dedicated library kit, customized instrument control software, and an analytical software package take you from sample to answer with streamlined efficiency.

Now you can develop a more thorough, detailed profile from degraded, mixed, and limited DNA samples. Targeted sequencing of forensically relevant STR and SNP loci empowers you to generate leads, even on cold cases. No database hits? No problem. Thanks to the MiSeq FGx System, database dead ends won't stop you now.

Complete confidence.

Highest accuracy. Easiest to use.

The MiSeq FGx System is powered by Illumina sequencing by synthesis (SBS) chemistry, the most widely adopted next-generation sequencing technology. With its high accuracy and ease of use, the system sets a new gold standard.

When you tap into the focused forensic power of the MiSeq FGx System, you get accurate, actionable clues that can help you find missing persons and solve criminal cases beyond a reasonable doubt.
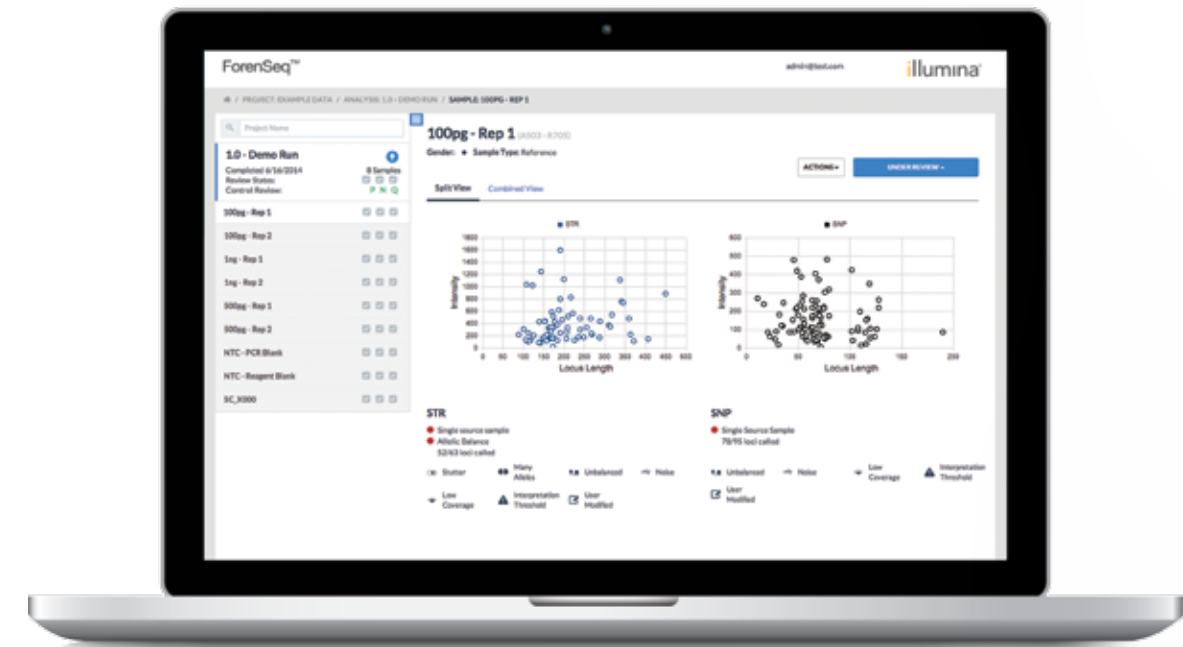
Generating leads.

The most information. The fewest tests.

The ForenSeq™ DNA Signature Prep Kit enables simultaneous PCR amplification of more than 200 genetic markers, including autosomal STR markers currently used worldwide for casework and criminal DNA databasing. And we didn't stop there. We've also included a dense set of identity SNPs, phenotypic SNPs, and biogeographic ancestry SNPs, making this the first and only kit that turns challenging DNA samples (mixed, limited, degraded) into investigative leads.

The days of complex decisions about which test(s) to perform are over. With a simple, unified workflow that combines STRs and SNPs in a single analysis, you can streamline your lab operations, including training, validation, proficiency testing, and other QC measures.

The first and only validated kit to include STRs and SNPs

Global
Autosomal STRs

Global
Y-STRs

Identity
SNPs

Phenotypic
SNPs

Biogeographic
Ancestry SNPs

X-STRs

Liberating intelligence.

Simply smart. Sample-to-answer.

ForenSeq Universal Analysis Software is a fully validated, sample-to-answer software solution specifically designed for use in forensic genomics applications. Robust functionality and intuitive use empower you to analyze and interpret the widest range of casework and databasing samples.

Running on a basic, stand-alone server for uncompromised high performance, this smart solution is ready to liberate the intelligence from your samples.