

# Maximize your large-scale sequencing potential.

Accelerate your lab's success.

By harnessing the power of human whole-genome sequencing, laboratories using the HiSeq X™ Series can help shape the future of human health. The Illumina SeqLab Consulting Service is designed to help you realize the full potential of your HiSeq X systems through the development of best practices, personalized recommendations, and operational optimization.

## Drive to operational excellence.

Laboratories implementing large-scale sequencing must optimize their operations accordingly. We help our HiSeq X Series customers scale for ultra-high-throughput sequencing by providing personal guidance and expertise every step of the way. Building on more than 15 years of genomic sequencing center experience, Illumina provides the full range of consulting services you need to successfully build out your large-scale sequencing operations. Accelerate NGS production and gain expertise at your facility, by reducing time and resources for HiSeq X deployment.

## Streamline your path to large-scale sequencing.

The Illumina SeqLab Consulting Service is a modular approach to delivering recommendations tailored to your HiSeq X operations.

Maximize efficiency		Achieve operational excellence
<ul style="list-style-type: none"> <li>• Capacity Planning</li> <li>• Risk Reduction</li> <li>• Trending and Troubleshooting</li> <li>• IT Infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>• Lab Management</li> <li>• Staffing and Communication</li> <li>• Inventory Management</li> <li>• Data Analysis and Delivery</li> </ul>	<p><b>Large-scale sequencing</b></p>

Illumina sequencing experts work closely with you to deliver a unique combination of best practices, customized guidelines, and individualized planning tools for your facility. Highlights of this offering include:

### Capacity planning.

Designing a streamlined production-level workflow can help improve efficiencies. Implementing an optimal personnel-to-equipment ratio and operational scheduling to match your desired output is all part of capacity planning. We'll create a custom capacity analysis and evaluate all aspects of production from sample preparation through data analysis and storage.

## Trending and troubleshooting.

Regular performance trending in high-throughput sequencing allows for rapid troubleshooting, minimizing costly interruptions. We can help identify key performance indicators for trending and develop a custom mitigation plan to minimize costs, reduce downtime, and increase overall productivity.

## IT infrastructure.

A robust computing and storage architecture is critical for transforming high quality sequence data into actionable insights that can help you with your project goals. We'll help you evaluate the architecture of your IT infrastructure and plan the optimum configuration for your custom data analysis, data management, and turnaround requirements.

## Empowering groundbreaking science.

Every aspect of the Illumina SeqLab Consulting Service is designed to help you realize the full power of large-scale sequencing, while maximizing your ROI. With our NGS technology and expertise, and your big ideas, we'll pave the way for groundbreaking science.

For a personalized consultation or additional information, contact your local account manager.

### Inside Sales

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