

Illumina Array Training

Helping you reach your research goals sooner.

Highlights

- State-of-the-Art Facilities
 Learn how to measure genetic variation using proven array technology
- Hands-On Training with Experienced Instructors
 Gain expertise and insight from knowledgeable instructors
 while completing a detailed workflow
- Peer Interaction
 Share knowledge and collaborate with fellow scientists

Faster Results with Proven Technology

Illumina on-site array training provides you with an advanced skill set for the successful generation and analysis of your array data. Learn best practices for optimizing assay performance, discover how to apply a broad range of analysis tools, and gain troubleshooting experience to identify and avoid obstacles in your own studies.

Our world-class facilities allow you to gain hands-on experience with robust Illumina array technology and analysis programs. Learn best practices and troubleshooting straight from Illumina experts, giving you the confidence to analyze your BeadChip data successfully. Courses vary by experience level so you can choose what's right for you. Our end-to-end training solution will enable you to streamline analysis and generate faster results, so you can accelerate your research.

Expert Instruction

Illumina array training courses offer a variety of advantages for your research, providing expertise in best practices and troubleshooting.

- Learn in small classes that guarantee you'll have plenty of hands-on time with array systems and access to instructors.
- Network with other scientists and receive tips and tricks to help you
 optimize your research protocols.
- Receive expert insight for successful data analysis and learn how to optimize both Illumina and third-party tools to meet your research goals.
- Learn troubleshooting workflow steps with case studies and exercises.
- See how Illumina's proven array technology yields the highest quality data.

Figure 1: The Illumina Array Workflow Assay Scan Data Analysis Genome Studio • SNP Discovery and Genotyping • Whole-Genome Genotyping and CNV Analysis Cytogenetic Analysis Methylation Analysis • Gene Expression Analysis



Illumina Technical Training Participant Feedback

- "This course saved several weeks of trial and error and pointed out details that we would never have identified without it."
- "I came in with preliminary experience and now understand what we would have done completely wrong."
- "The guest speakers were very helpful...all followed up on my questions and got back to me with answers even after the sessions were over."
- "My favorite parts were the case studies on troubleshooting. This kind of training is great for me as I have to train our internal staff and act as the main troubleshooter at our company."

The Complete Solution

Illumina array training offers you an end-to-end solution, guiding you from sample and BeadChip preparation to meaningful array data specific to your application. Our courses teach you the exact protocols to follow to ensure success.

- Overview of Illumina array systems and applications:
 Discover which products, software tools, and third-party analysis programs can help you reach your research goals.
- Introduction to GenomeStudio® software: Determine which advanced features of GenomeStudio software can help you assess your data. Learn how to analyze controls, identify core performers, and verify the quality of your data.
- Troubleshooting protocols: Learn how to anticipate and resolve obstacles in data analysis and avoid complications by following best practices.
- Exercises in data analysis: Analyze a variety of complete data sets and case studies designed to prepare you for any future troubleshooting needs.

Optimized Performance and Analysis

Illumina array training provides you with optimized workflows for generating and analyzing high-quality array data. Detailed hands-on instruction, troubleshooting preparation, and end-to-end experience make Illumina training the direct route to faster assay results.

To schedule, please call 1.800.809.4566.

For more information about specific courses, please visit www.illumina.com/training.

Note: Course discounts may be available. Contact your Illumina sales representative for more information.

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