illumina®

AmpliSeq™ for Illumina®

Sequencing amplified

AmpliSeq for Illumina is a targeted resequencing solution that delivers highly accurate data for a wide range of sample types, including FFPE tissue and low input. Get the benefit of a comprehensive, growing menu of content, scalable sequencing platforms and local or cloud-based analysis solutions.

Flexible content to meet your needs

Content options

Choose from a menu of ready-to-use, community, or custom panels.

- *BRCA* Panel
- Cancer Hotspot Panel v2
- Comprehensive Panel v3
- Comprehensive Cancer Panel
- Focus Panel
- Immune Response Panel
- Transcriptome Human Gene Expression Panel
- Exome Panel

Application areas

Predesigned content to support your study designs and advance your research in a variety of areas.

- Cancer Research
- Solid tumor profiling
- Hematology
- Germline
- Pan-Cancer
- Immuno-oncology
- Expression pathways
- Genetic Diseases
- Cellular and Molecular Biology

Wide input range

Work with blood, fresh frozen, and formalin-fixed, paraffin-embedded (FFPE) samples, requiring as little as 1 ng of high-quality DNA or RNA.

Robust bioinformatics pipeline

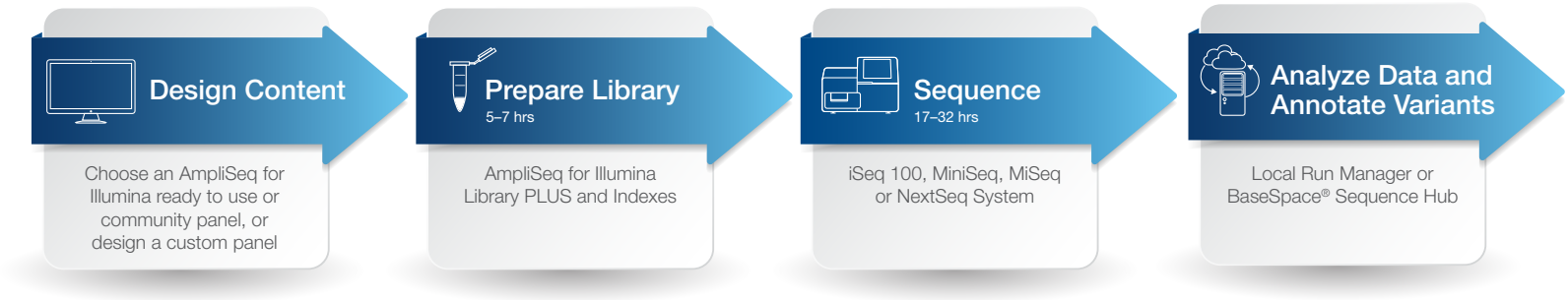
Get supported analysis solutions from panel design to confident detection of variants for DNA and fusions for RNA samples.

Match your selected panel to the Illumina instrument that handles the right number of samples and amplicons for your needs:

iSeq™ 100	MiniSeq™	MiSeq™	NextSeq™
• Focus Panel (8 samples) • *BRCA* Somatic (12 samples) • Cancer Hotspot (16 samples) • *BRCA* Germline (96 samples)	• Immune Response (24 samples) • Focus Panel (48 samples) • *BRCA* Somatic (80 samples) • Cancer Hotspot (96 samples) • *BRCA* Germline (96 samples)	• Immune Response (24 samples) • Focus Panel (48 samples) • *BRCA* Somatic (80 samples) • Cancer Hotspot (96 samples) • *BRCA* Germline (96 samples)	• Exome (8 samples) • Comprehensive Cancer (12 samples) • Transcriptome (40 samples) • Comprehensive v3 (48 samples)

Efficient amplicon sequencing workflow

With an assay time of 5–7 hours and less than 1.5 hours of hands-on time, the simple, fast, AmpliSeq for Illumina workflow allows you to target one or hundreds of genes in a single assay, saving time in the lab.



Discover sequencing amplified

With a fast, simple workflow and flexible content, AmpliSeq for Illumina can take your lab to the next level.

Learn more about AmpliSeq for Illumina at:
www.illumina.com/ampliseqforillumina

For Research Use Only. Not for use in diagnostic procedures.

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