sequencing

ThermoFisher SCIENTIFIC

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Realize your full sequencing potential

Complementary technologies for seamless workflows

Clinical research labs can choose from multiple options to study human genetic diseases based on the levels of phenotypic heterogeneity observed. To identify causal variants with confidence, use Sanger sequencing to analyze single genes or use next-generation sequencing (NGS) to analyze targeted gene panels. Together the Applied Biosystems™ SeqStudio™ Genetic Analyzer and the powerful Ion GeneStudio™ S5 series sequencers cover the sequencing spectrum.

Do more with the SeqStudio Genetic Analyzer and the Ion GeneStudio S5 series sequencers:

Choose the SeqStudio Genetic Analyzer when you need to:

- Study diseases with clearly defined phenotypes
- Sequence 1 or 2 genes or up to 96 targets
- Sequence 1–96 samples at a time without barcoding
- Confirm NGS variants with up to 99.99% accuracy
- Get longer read lengths (up to 1,000 bp)

Choose an Ion GeneStudio S5 series sequencer when you need to:

- Study diseases with higher levels of phenotypic heterogeneity
- Sequence more than 2 genes or more than 96 targets
- Sequence more than 96 samples for multiple targets
- Discover novel variants

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Connectthe world is your lab

When your data are always within reach, answers are never far away. Remotely monitor your runs, access results, and collaborate with colleaguesanywhere, anytime using the Thermo Fisher Cloudwith the new Applied Biosystems QuantStudio 3 and 5 Real-Time PCR Systems.

Get connected at
thermofisher.com/quantstudio3-5

iontorrent

Introducing the Ion GeneStudio S5 series for next-generation sequencing

Same simple workflow, same flexibility.
Now faster and more scalable than ever.

The Ion GeneStudio S5 series is a new line of benchtop next-generation sequencing (NGS) systems that enable you to efficiently run small and large projects across multiple research applications, with the simplest sample-to-data NGS workflow and superior speed. With flexibility powered by the ability to choose from five Ion Torrent chips, these systems offer the opportunity to conduct wide-ranging experiments on a single platform.