Solving complex analysis challenges with cutting-edge bioinformatics methods.

ecSeq Bioinformatics GmbH is Europe's leading provider of professional data analysis in the field of Next-Generation Sequencing (NGS).

Our goal has been to transfer in-depth knowledge we gained from years of bioinformatics research into professional software products. Since 2012, we have been performing complex analyses, interpreting results, and concisely visualizing NGS data. So far, ecSeq Bioinformatics GmbH has successfully supported over 400 customers from 52 countries.

www.seamless-ngs.com

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SEAMLESS.NGS

Seamless NGS is a software platform for automated analysis and management of next-generation sequencing experiments. It provides easy access to advanced bioinformatics protocols and shortens the time from data generation to interpretation.

Streamlined NGS Analysis and Interpretation

- Push-button analysis for fast and automated routine usage
- Accurate detection of all DNA variants and copy number variation
- Support for major gene panels and custom designs
- Compatible with output from major NGS systems
- Data security and privacy under your control with on-premises software deployment

Improved efficiency in variant interpretation

- Automated variant annotation with information from over 10 relevant databases
- Wide selection of sorting and filtering options, enabling fast result interpretation
- Comprehensive information about DNA variants readily accessible in concise presentation view
- Clear sequence visualization is tightly integrated to help reduce false positives and increase certainty in problematic variant calls

Next Generation Sequencing

Seamless NGS Software

Lab Report

High-confidence in your lab's NGS workflow

- Comprehensive quality metrics following the S1 Guidelines created by the German Society of Human Genetics (GfH)
- Evaluation of quality metrics over time to keep track of your wet lab efforts
- Management of multiple users with password protection and permissions
- Historical pathogenicity classification and variant database with audit trail