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.ecseq.com/custom-software

Custom NGS Software Development
bring your biological ideas to life

www.ecseq.com/custom-software

Transform your biological ideas into reality with our custom software development. Our expert team will turn your complex problems into robust and reliable solutions, guiding you from concept to completion.

Unlock the full potential of your biological project with our cutting-edge technology today!

Obtain a user-friendly & robust bioinformatics software

- Tailored solutions to meet your unique requirements in NGS data management, visualization, and analysis
- A team of experienced developers with a deep understanding of NGS data analysis
- User-friendly graphical interface for easy and efficient data analysis
- Ongoing technical support to ensure smooth operation

Streamline data analysis and interpretation

- Upgrade from manual processes to an automated and efficient NGS software solution
- Push-button analysis for fast and automated usage
- Easy data import, both manual and automatic
- Compatible with output from major NGS systems
- Create reports, interactive tables, and visualizations for quick interpretation

Interactive Visualization

Next Generation Sequencing

Alignment & Calling → Quality Control → Annotation & Filtering → Interactive Interpretation

Example of your custom NGS workflow

Report

High-confidence in your lab's NGS workflow

- Evaluate quality metrics over time to keep track of your wet lab efforts
- Manage multiple users with password protection and permissions
- Audit past analyses with a log of analysis parameters and steps
- Ensure reproducibility by versioning of workflows and databases
- Maintain data security and privacy with on-premise software deployment