CONTACT US

www.seqone.com
contact@seqone.com

CONFIDENTLY PERFORM NGS DATA ANALYSIS

Regulatory Compliance
CE-IVD platform, ISO-13485 certified

Cyber Security
ISO-27001 certified hosting environment
Health Data Storage (HDS) certified
Patented Genomic Data Double Encryption

Data Privacy
Data not shared or commercialized
Variant knowledge base remains fully private

SEQONE genomeAlert!

- Automated variant reevaluation agent developed in collaboration with geneticists
- Monthly reanalysis of all historical cases (ClinVar latest updates)
- Time-saving report (highlight new candidates or revoke diagnoses)

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CE IVD

SM-2024072

SeqOne

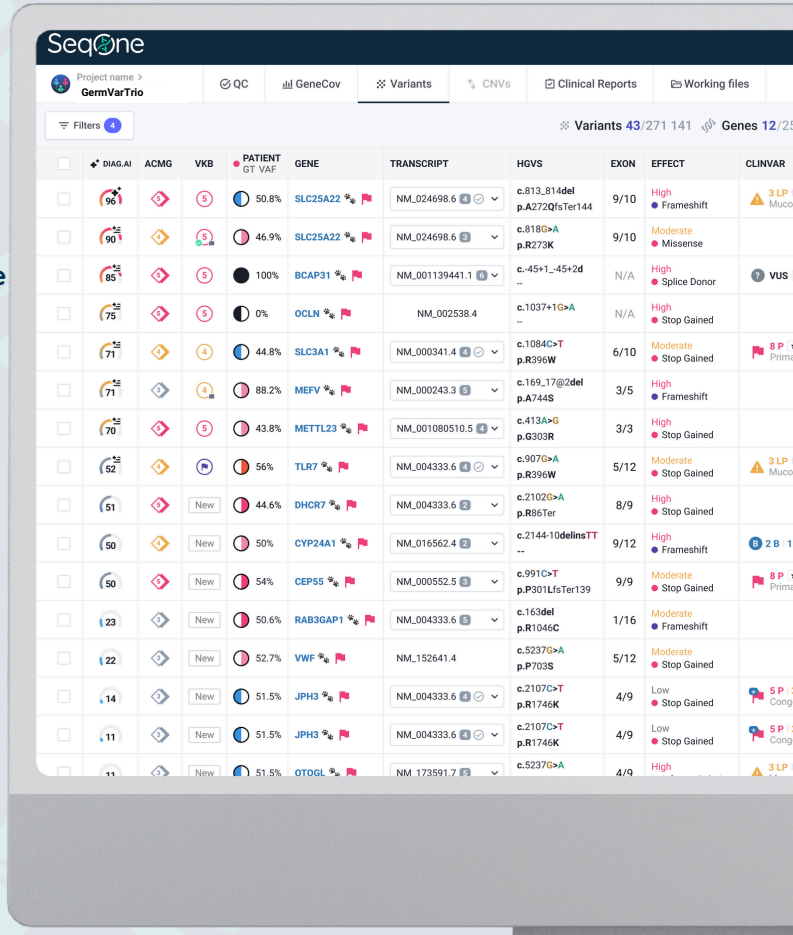
FROM GENOME TO PERSONALIZED MEDICINE

FOR RARE & INHERITED DISEASES

Web-based
User-friendly interface

One-stop shop
germline and somatic

Powered by
explainable AI



CE IVD · GDPR · ISO 27001 Certified · HDS 123456 Certified · ISO 13485:2016

WHO WE ARE

SeqOne

OUR VISION

Founded in 2017, SeqOne develops state-of the-art genomics analysis tools for clinical applications in oncology and rare diseases. **Our vision is to make personalized healthcare a reality** for all by democratizing access to **advanced genomic insights**, enabling every lab to offer **affordable** precision medicine solutions to patients **at scale**.

OUR SOLUTION

Our **CE-IVD** platform provides **time-saving, flexible, and cost-effective** decision support, **empowering decentralized laboratories** worldwide to deliver precision diagnostics. We integrate **cutting-edge AI and big data technologies** to redefine genetic data analysis.

70+
SeqOne employees

1000+ routine users

Fast-growing, present in 10 countries

THE SEQONE PLATFORM

Complete germline pipelines for **DNA** analysis, tailored for **targeted panels, exome, genome and aCGH arrays to provide support for diagnosis and therapeutic decisions.**

Hereditary Cancers | **Rare & Inherited Diseases**

GermVar
(from FASTQ file)

In-house / Third-party secondary analysis

GermVar Tertiary
(VCF from Dragen, Epi2ME, Alissa Reporter or XLS file)

ALL-IN-ONE NGS DATA ANALYSIS SOLUTION

For Solo & Family Analyses

Maximize your workflow efficiency

- **SeqOne SDS** automates data and metadata upload from the sequencer, autorun analysis, and bi-directional communication with the LIMS system
- **DiagAI machine learning assistance** to rank, shortlist and suggest causal variants
- **Advanced & customizable filtering and reporting** to fit with lab workflow
- **Private and secure Variant Knowledge Base (VKB)** to keep track of past evaluations

Ensure accurate identification of your variants

- **Automated classification** based on ACMG/ClinGen
- **Premium annotation data sources**: ClinVar, gnomAD V4, OMIM
- **Scoring integration:** REVEL, CI-SpliceAI
- **Pathogenicity prediction** with an in-house, AI-powered score
- **Precise variant detection** on Hg19/Hg38 reference genome

Short-read sequencing	SNV, MNV	Short & mid-size indels	CNV	Alu Insertions
Long-read sequencing	Phased SNP & SV	Indels	CNV	STR
aCGH Microarray	CNV			

Benefit from a flexible and future-proof platform

- **Wet-lab agnostic** (Illumina, Agilent, Twist, Roche, etc.)
- **Sequencer compatibility** (Illumina, MGI, Element, ONT, etc.)
- **Monthly updates** to keep pace with scientific discoveries