



SeqOne Platform

AI-driven genomic analysis platform for personalized medicine, streamlining NGS data workflows for molecular labs.

<https://www.seqone.com/platform>

Overview

The SeqOne Platform is an AI-driven genomic analysis solution designed for molecular labs, biologists, and geneticists to accelerate diagnostics and deliver high-performance results. It acts as an in vitro diagnostic medical device (CE-IVD Class C certified under IVDR) that manages the entire process of Next-Generation Sequencing (NGS) data analysis, from raw data (FASTQ) to the final clinical report. The platform's core is the AI-powered bioinformatics engine, which includes features like DiagAI and SmartPick to automatically find and suggest disease-causing variants with high precision and specificity, significantly reducing the analysis time from days to hours.

Key Capabilities and Use Cases:

Comprehensive Diagnostics: Supports a full spectrum of applications including Somatic (Oncology, Liquid Biopsy, Hematology, Hereditary Cancers), Germline (Rare Diseases, Inherited Disorders, Carrier Screening), and Infectious Diseases (Viral, Bacterial, Antimicrobial Resistance).

Automated Workflows (SeqOne Flow): Automates the entire data pipeline, including file transfer, analysis initiation, and integration with LIMS and IT systems, eliminating manual work and speeding up turnaround times.

Clinical-Grade Interpretation: Integrates premium and public annotation sources like CKB and COSMIC, and provides standardized analysis based on ACMG guidelines.

Flexible Deployment: Offers multiple options, including a secure cloud environment (SeqOne Flow Cloud), Virtual Private Cloud Installation, and On-Premise Installation, to fit the lab's specific SOPs and security requirements.

Target Users: Molecular Labs, Clinical Laboratories, Biologists, Geneticists, and Research Institutions focused on precision medicine. The platform is trusted by over 160 clinical and research labs and 1000+ biologists and geneticists worldwide. Its focus on security, compliance (ISO 13485, ISO 27001,

HDS), and flexible deployment makes it a reliable choice for decentralized genomic labs of all types and sizes.

Key Features

- AI-Powered NGS Bioinformatics (DiagAI/SmartPick)
- Automated Data Pipeline (SeqOne Flow)
- Comprehensive Somatic & Germline Support
- CE-IVD Class C Certified Diagnostic Platform
- Full Audit Trail & Traceability
- Sequencer-Agnostic
- Standardized Analysis (ACMG Guidelines)
- Multi-Omics Analysis (e.g., DNA variants and methylation)

Pricing

Model: usage_based

Flexible, transparent, pay-per-analysis pricing with no hidden fees or volume constraints. Custom pricing is available for Virtual Private Cloud, On-Premise Installation, LIMS, and EHR integrations.

Target Company Size: medium, enterprise

Integrations

LIMS, EHR, Agilent Avida, CKB (Database), COSMIC (Database)

Compliance & Certifications

CE-IVD Class C (IVDR), ISO 13485, ISO 27001, HDS

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