GenomOncology

Precision oncology software and data solutions that transform complex genomic data into actionable insights for clinicians, labs, and researchers.

https://example.com/1762583716456

Overview

GenomOncology provides a comprehensive suite of end-to-end clinical informatics solutions for cancer, built upon its core **Precision Oncology Platform (POP)**. POP is an augmented intelligence stack that houses extensive rules, annotations, and ontologies, enabling users to move, convert, and interpret complex genomic and clinical data sets.

Key Product Solutions:

GO Pathology Workbench (PWB): An end-to-end tertiary analysis solution for NGS and non-NGS data. It integrates directly with lab systems (EHR, LIMS, sequencers), automates somatic and germline variant interpretation (following AMP/ASCO/CAP and ACMG guidelines), matches patients to personalized therapy and clinical trial options, and produces fully customized reports (PDF, XML, DOCX, TXT, HL7).
Precision Decision: A flexible solution providing real-time decision support and informed guidance for cancer diagnosis, treatment, and management by leveraging medical data, clinical guidelines, and computational algorithms.
GenomAnalytics: A visualization and statistical analysis tool that utilizes POP to analyze molecular, clinical, demographic, and treatment data in one comprehensive view.
igniteIQ: A data enablement solution that extracts clinically-relevant, discrete data from unstructured and semi-structured documents for registries, analytics, and research.
GO Precision Oncology API Suite: A comprehensive API that allows clinicians, researchers, and collaborative teams to extend the platform's knowledge by integrating directly with their in-house systems and existing workflows.
Target Users and Use Cases:

The software is purpose-built for molecular pathology labs, oncologists, researchers, and healthcare institutions. Primary use cases include automating genomic reporting into the EHR, standardizing genomic variant interpretation and classification, facilitating molecular tumor board review, and improving clinical trial matching and patient treatment decisions.

Key Features

- Automated Somatic & Germline Variant Interpretation
- Clinical Trial Matching & Decision Support
- Custom Molecular Pathology Reporting (HL7, PDF, XML)
- Data Extraction from Unstructured Documents (igniteIQ)
- Genomic Data Visualization and Analytics (GenomAnalytics)
- Molecular Tumor Board Workflow
- Comprehensive API Suite for System Integration

Pricing

Model: enterprise

Pricing is not publicly disclosed and is structured for enterprise-level healthcare institutions and molecular laboratories. Contact the company for a demo and quote.

Target Company Size: medium, enterprise

Integrations

Electronic Health Records (EHR) via HL7, Laboratory Information Management Systems (LIMS), Sequencers and Bioinformatics Pipelines, In-house Systems via API

Compliance & Certifications

HIPAA, CAP Guidelines