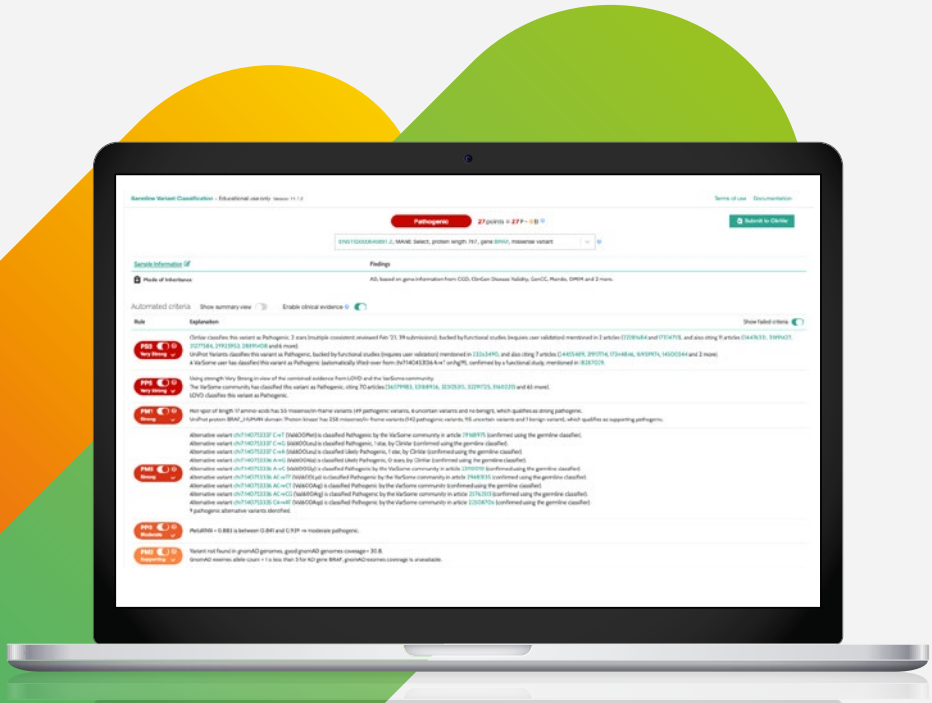
Your complete NGS data analysis solution

Trusted around the globe

varsome

VarSome maintains, harmonizes, and integrates over 140 genomic databases, over 4 million publications, and automated classification tools to give you a comprehensive variant interpretation engine.



Leverage the community

- Connect with VarSome users worldwide to share case expertise.
- Submit directly to ClinVar from VarSome.
- Help your patients be found by relevant clinical trials.

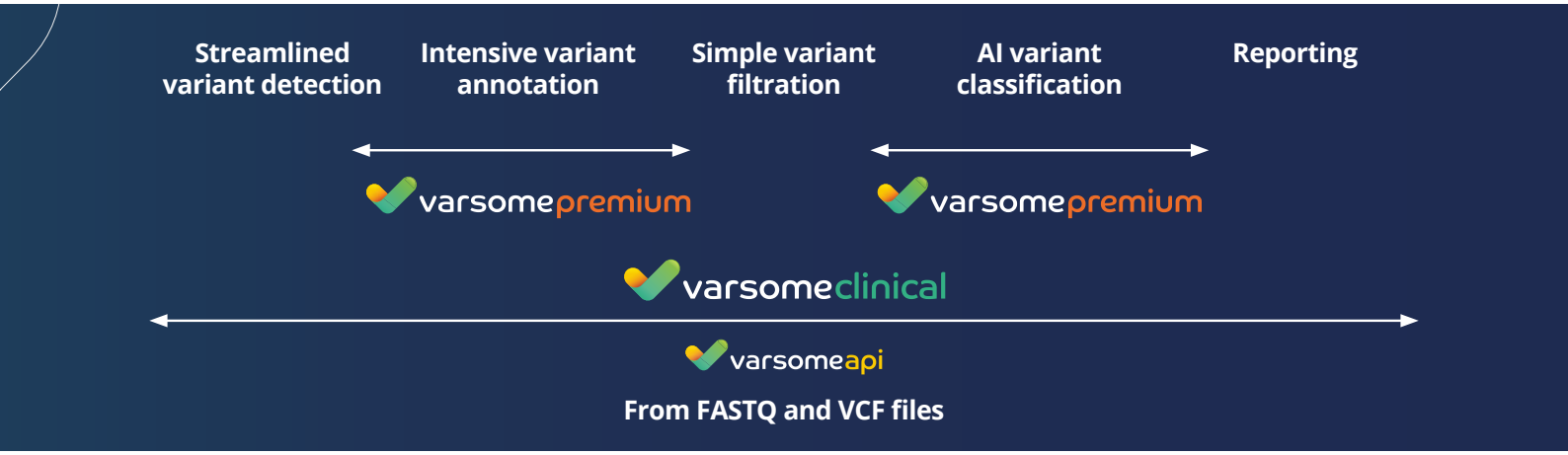
Industry-leading variant classification

- Germline classification according to ACMG guidelines*.
- Somatic classification according to AMP guidelines**.
- CNV classification according to ACMG guidelines***.
- Frequently updated to integrate newly published guidelines.

The VarSome suite is developed in compliance with HIPAA & GDPR

* https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4544753/ ** https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5707196/ ***https://pubmed.ncbi.nlm.nih.gov/31690835/

Powering your daily analysis



varsomeclinical

VarSome Clinical is a variant annotation and interpretation platform for NGS data, for whole genomes, exomes, and gene panels. Explore its endless possibilities, which include:

Upload FASTQ or VCF

- Variant calling from FASTQ powered by Sentieon.
- Perform risk carrier screening for couples, analysis of tumor-normal samples, trio analysis, or small cohort analysis.

Dynamic filtering

- With our dynamic filters you have the ability to reduce your search space.
- Prioritize your causative variants with our fully customizable algorithmic filters.

Customizable reports

- Branding and layout of reports can be adjusted to suit your lab's branding policy.
- PharmCat integration offers pharmacogenomic reports.

Annotation and classification

- Over 140 databases including OMIM®, LOVD, ClinVar.
- Over 4 million linked publications.
- Curated publications.
- Automated real-time classification for germline*, somatic**, and CNV*** according to industry-standard guidelines.
- Splicing and missense predictions to decide whether some rules should be applied or to boost their strength.
- Tissue-specific variant expression data from the Genotype-Tissue Expression (GTEx) project.
- MANE, Ensembl, and RefSeq transcripts.
- Protein annotation.

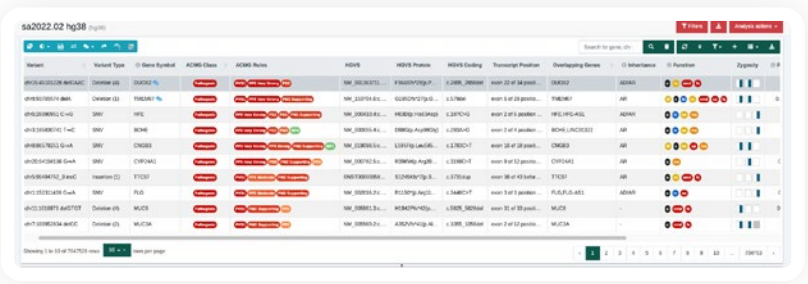
VarSome Clinical is a medical device, from Annex III of IVDD 98/79/EEC.

VarSome Clinical aids in making an informed decision and diagnosis, and in the selection of appropriate treatments for cancer, Mendelian, and other genetic disorders by processing next generation DNA sequencing data.

Manufacturer: Saphetor SA

EC REP: Saphetor SA Greek Branch

Please read the user manual carefully.



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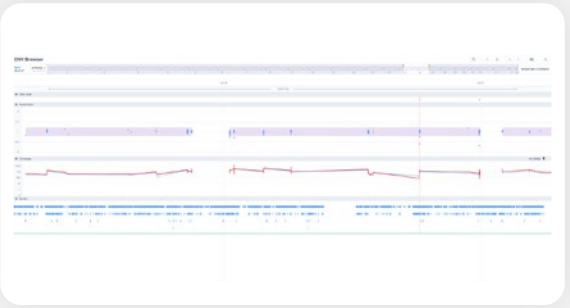
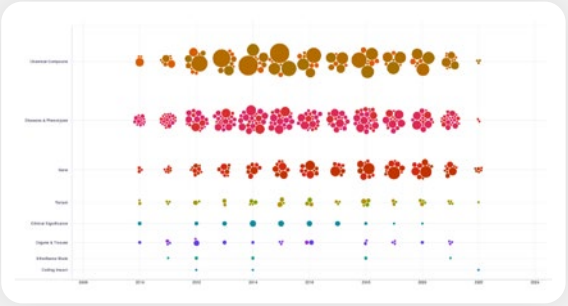
Visualize your results in a user-friendly interface

CNV Browser

Discover challenging CNVs in your samples and visualize them with our new CNV Browser.

Intuitively designed to help you discern real CNVs from artefacts, our CNV browser offers a genome-wide view for all of your samples with one click.



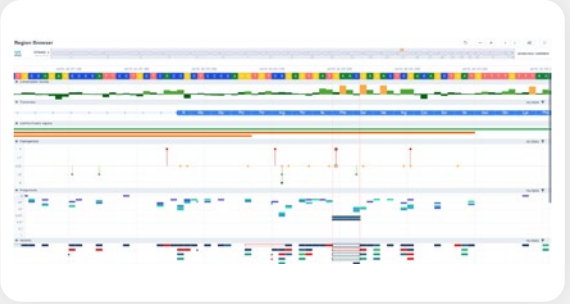


Publications Explorer

Visualize publication trends with our publications timeline viewer, displaying data on PubMed articles relating to your gene or variant of interest.

Region Browser

Our user-friendly browser brings together a wealth of omics data, including on-the-fly germline classification in a single view, so you can focus on what matters most: translating variant interpretation to clinical insight.



Supplement your VarSome

varsomepremium

Understand candidate variants by using VarSome Premium. A powerful search tool to scour the full VarSome database to view comprehensive variant information and classifications.

varsomeapi

VarSome API is the perfect solution to integrate the VarSome database and classification tools using Python, R, Perl, Java, or any other programming language.

SAPHETOR

We exist to enable anyone to find, share, and use the most comprehensive human genome data available.

We don't simply offer a Clinical Decision Support platform. We provide a home to a global community of connected healthcare professionals, enabling them to collaborate and improve lives around the world.

Built with Swiss precision by

SAPHETOR