Focus on the variants that matter

One software solution for all NGS panels, WES and WGS

The varvis® genomics platform is a complete solution for clinical diagnostics, supporting NGS raw data processing, genomics data management, and variant interpretation. Automated CNV and SNV analysis are clinically validated and completely integrated into the NGS workflow.

Always up to date

Annotate your analysis with continuously updated public data from sources like **gnomAD** and **ClinVar**. Update all annotations by pushing a button.

CE Medical device

varvis® is a registered CE-IVD device according to directive 98/79/EC.

Convenient filtering

Features such as **virtual panels** and **inheritance filters** allow you to filter from thousands of detected SNVs and CNVs to the most interesting genes and variants. Within seconds.

Overnight express

No matter how many samples or how many sequencing runs you have: our **fully automated process** delivers results overnight. Guaranteed.

Standardized NGS workflow in varvis®

Compliant with guidelines from ESHG, ACMG, CAP, AMP, GfH

Validation as a service

SNV/Indel analysis is **continuously validated** according to guideline recommendations using international standards like Genome in a Bottle.

Best performance for targeted panels

Using Genome in a Bottle as a reference our customers typically achieve **> 99% sensitivity** and **> 98% precision**.

Limbus Medical Technologies GmbH
Schillerplatz 1
18055 Rostock, Germany

Web: www.varvis.com
Phone: +49 381 25500620
Email: info@limbus-medtec.com

Focus on the variants that matter

CNV for clinical diagnostics

Our genomics software platform **varvis**® provides automated CNV analysis for large NGS assays saving time in clinical routine processes. For clinical exome and whole exome samples this includes access to regions where other methods based on PCR are not readily available.

One for all

varvis® **CNV** works for NGS panels of all sizes, including WES and WGS.

First class support

We provide technical support, training, documentation as well as validation following international guidelines.

IT all inclusive

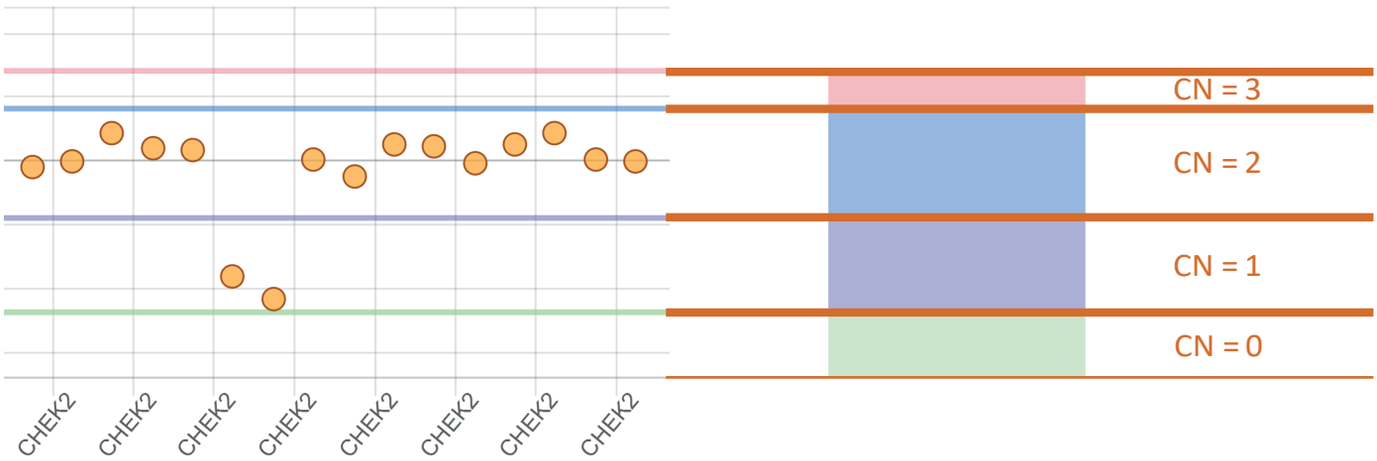
Focus on interpretation of results. We deal with IT, processing and bioinformatics.

Double your confidence

Positive results can be confirmed with an independent ligation based method, if available.

Ingeniously simple

CNV analysis results are displayed both graphically and in a detailed tabular view. Variants can be identified by clicking a single button.



Clinically validated first-line diagnostics

varvis® **CNV** was validated using thousands of samples from routine diagnostics. **varvis**® **CNV** results were compared to gold standard PCR-based methods to confirm every single result.

100% Sensitivity

All variants identified with PCR-based methods were detected by **varvis**® **CNV**.

95% Specificity

Due to a very low false-positive rate, **varvis**® **CNV** is a very effective screening tool.

>80% Cost savings

Replace multiple assays with a single comprehensive approach.

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