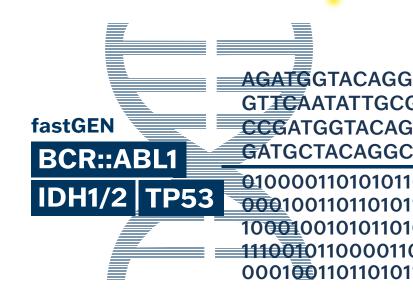


# fastGEN: Cutting-edge NGS solution for hemato-oncology

## Unlocking insights for targeted treatments

In the dynamic realm of hemato-oncology, precise molecular monitoring is crucial for personalised treatment strategies. Our all-in-one NGS solutions, consisting of fastGEN kits and GENOVESA database bioinformatics and interpretation system, offer a comprehensive approach that provides healthcare professionals with actionable insights.

With fastGEN technology, we deliver unparalleled sensitivity, specificity, and efficiency, strategically focused on codons with established treatment options, marking a revolutionary advance in personalised medicine.



#### Single technology, multiple opportunities

#### Kit and data analysis in one package

Cat. No.	<u>Product</u>	No. of samples	<u>Gene</u>	<u>Detail</u>	<u>Status</u>
RDNSG0011	fastGEN BCR::ABL1 Cancer kit	16	BCR::ABL1	codons: 237–510	RUO
RDNGS0016	fastGEN H3F3A/IDH1/2 Cancer kit	16	H3F3A IDH1 IDH2	codons: 7-40 codons: 132 codons: 140, 172	RUO
RDNGS0009/ RDNGS0009-32	fastGEN TP53 Cancer kit	16/32	TP53	exons 2-11, 2 non-canonical exons between exons 9 and 10, and adjacent introns	RUO

in

#### All-in-one NGS solution

## fastGEN kits Quick & easy detection of mutations in oncomarkers

#### Unique

Simple, ultra-sensitive, specific and effective technology

#### Reliable

Significantly lower probability of mistakes, uniform coverage for different amplicons and different samples

#### **Fast**

Excellent speed (<30 min hands-on time)

#### **Robust**

Robustness achieved by using short amplicons obtained by a single polymerase chain reaction with special tagged hybrid primers

#### **GENOVESA**

### Cloud-based database bioinformatics and interpretation system

#### **Automatized bioinformatics analysis**

Supports FASTQ, BAM, VCF format NGS data

#### **Easy variants filtration**

Visualisation of NGS data
One-click clinical report generation

#### **Database and data sharing**

Serves as a database, allows data sharing between clinics

#### Secure data center located in Prague

Data security through HTTPS encryption, no sensitive patient data collection



Discover BioVendor Group NGS solution at www.biovendor.com.



PRODUCER:



DISTRIBUTOR:



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