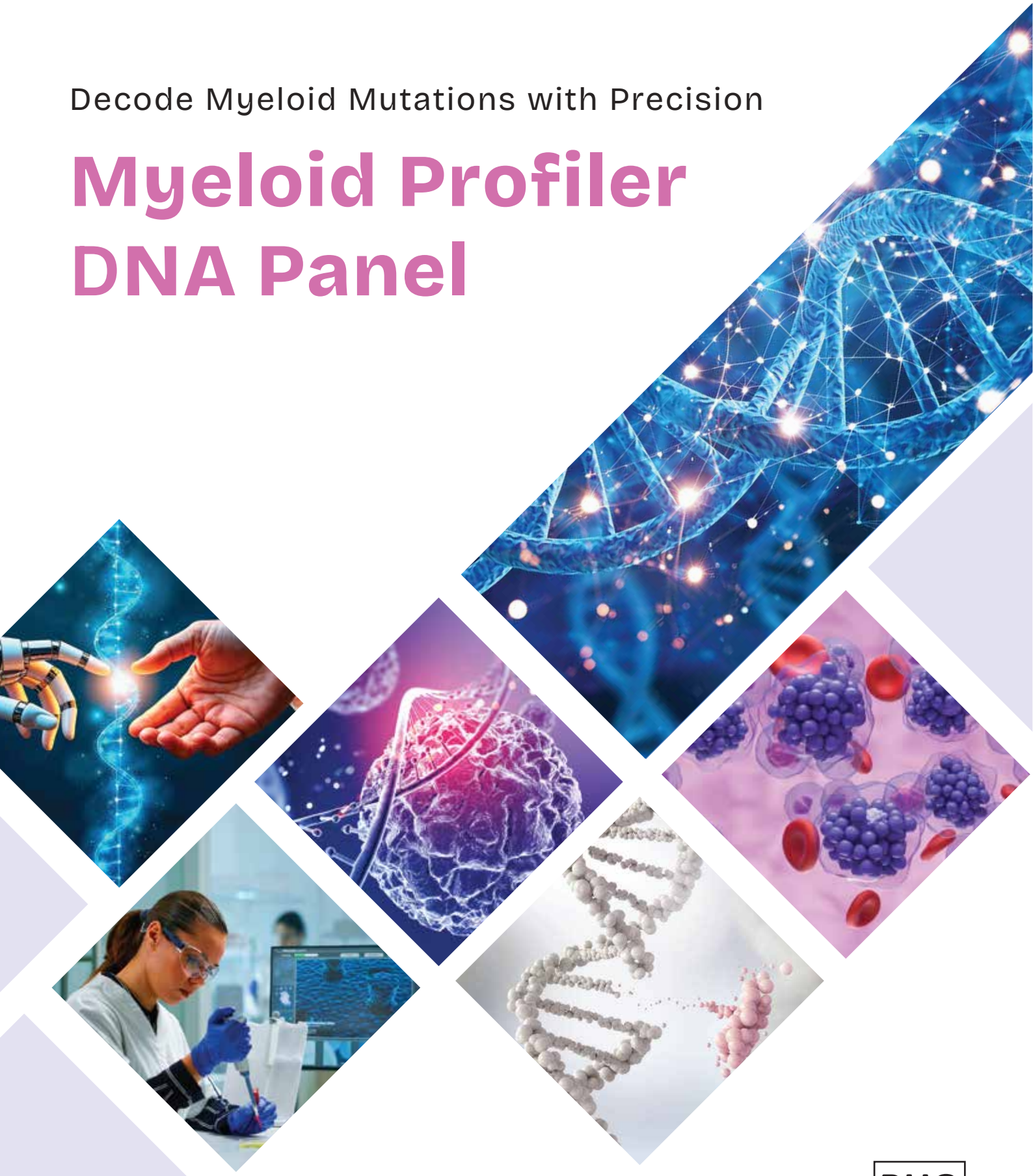
uncoded
DNA & BEYOND

Decode Myeloid Mutations with Precision

Myeloid Profiler DNA Panel



RUO

Unlock Precision in Myeloid Mutation Detection

Turning variants into valuable insight

Myeloid Profiler – DNA

The Uncoded Myeloid Profiler DNA Panel is a cutting-edge tool developed to analyze **74 genes** linked to myeloid cancers. Utilizing advanced sequencing technology, this panel ensures highly efficient and precise target enrichment, offering comprehensive coverage of both DNA hotspot regions and coding sequence (CDS) regions. This extensive genomic profiling provides invaluable insights into the genetic alterations driving myeloid malignancies, enabling better understanding, interpretation, and potential therapeutic strategies for affected individuals. The Uncoded Myeloid Profiler DNA Panel is a vital resource for researchers and clinicians seeking a deeper understanding of the genetic landscape of myeloid cancers.

DNA-Hot Spot			
ABL1	*HRAS*	*NOTCH1*	*SRSF2*
ATRX	*IDH1*	*NPM1*	*U2AF1*
BRAF	*IDH2*	*NRAS*	*WT1*
CBLB	*JAK3*	*PDGFRA*	
CBLC	*KDM6A*	*PTEN*	
FBXW7	*KIT*	*PTPN11*	
FLT3	*KMT2A*	*SETDB1*	
GATA1	*KRAS*	*SF3B1*	
GATA2	*MPL*	*SMC1A*	
GNAS	*MYD88*	*SMC3*	

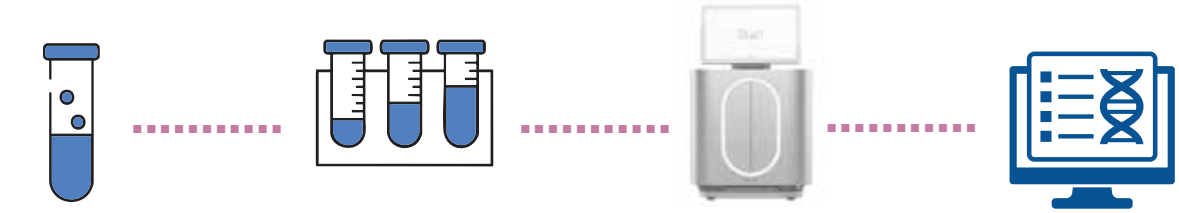
DNA-full CDS				
ANKRD26	*CSF3R*	*IKZF1*	*RHOA*	*ZRSR2*
*ASXL1**	*CSNK1A1*	*JAK2*	*RUNX1*	
BCL2	*CUX1*	*MAP2K1*	*SH2B3*	
BCOR	*CXCR4*	*NF1**	*SRP72*	
BCORL1	*DDX41*	*PHF6*	*STAG2*	
BRCC3	*DNMT3A*	*PIGA*	*STAT3*	
CALR	*ELANE*	*PPM1D*	*STAT5B*	
CBL	*ETNK1*	*PRPF8*	*TERT*_Promoter*	
CDKN2A	*ETV6*	*RAD21*	*TET2*	
*CEBPA**	*EZH2*	*RB1*	*TP53**	

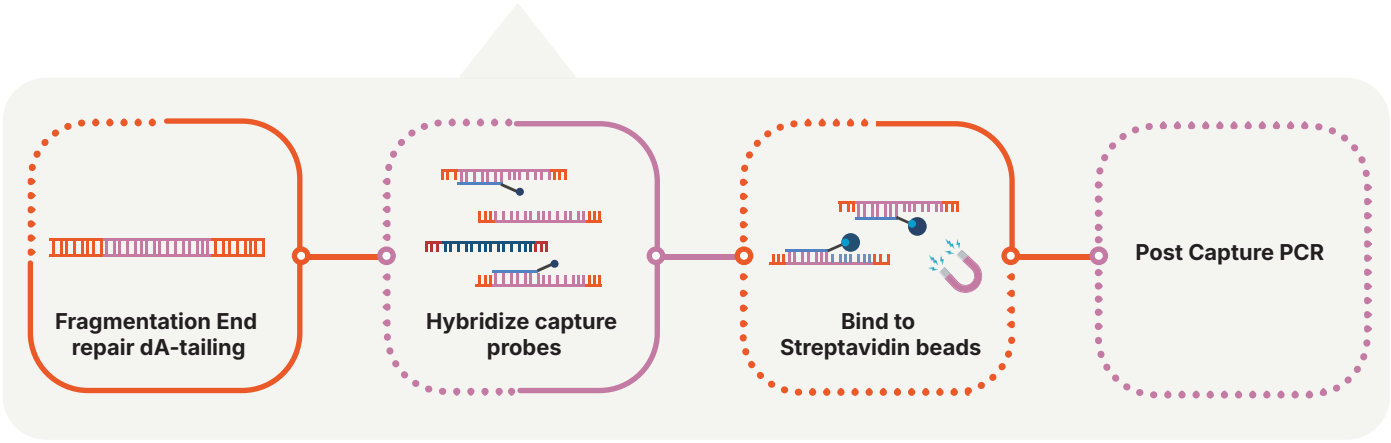
*Enhanced Coverage for GC regions

Kit Specifications

- Compatible with genomic DNA (recommended 50 ng)
- Enhanced Coverage for GC regions of *CEBPA, NF1, TP53, ASXL1, TERT_Promoter*
- 74 genes including 41 genes with full CDS
- Detect SNV, INDELs and CNV

Workflow





Data Anaysis Platform

Powered by SeqSight™ – Precision Insights for Myeloid Genomics

SeqSight™ is a cloud-based NGS data analysis software by Uncoded designed to support comprehensive interpretation of myeloid sequencing data. It enables automated variant calling, annotation, and classification, helping researchers streamline data workflows and uncover key genomic alterations. The platform supports multiple input formats and delivers high-throughput, reproducible analysis across myeloid gene panels.

- AI-Powered Interpretation
- Real-Time Dashboards
- Seamless LIMS Integration
- Built-in compliance (HIPAA & GDPR) FDA & NCCN guideline integration

Key Advantages

Streamlined NGS Library Preparation

Simplifies and accelerates the sequencing workflow, reducing time and effort.

Highly Sensitive and Reliable Chemistry

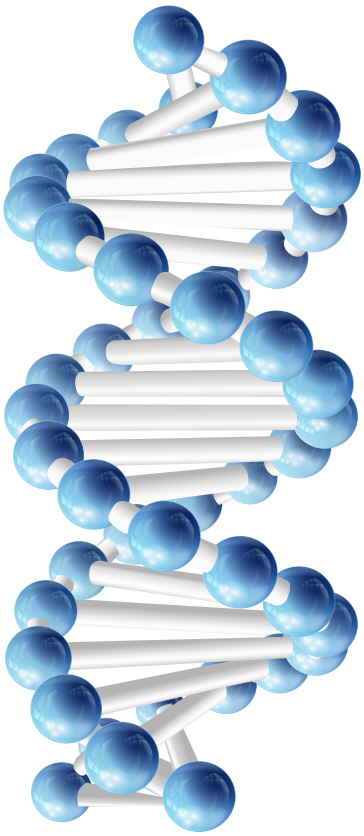
Ensures precise, accurate genomic analysis for VAF upto 5% (for 500x coverage).

Cost Effective Solution

Reduces costs by optimizing reagents and simplifying procedures

Analysis Support

End-to-end expert assistance from library preparation to analysis



DNA Performance	
Panel Size	268kb
Targets covered at minimum 1000×	>95%
On Target	>85%
Fold 80	<1.4
Sample type	Blood, Bone marrow

Ordering Information

Cat. No.	Product Name	Reactions
10113	Myeloid Profiler – DNA	24
10134	Myeloid Panel – (DNA + RNA)	24

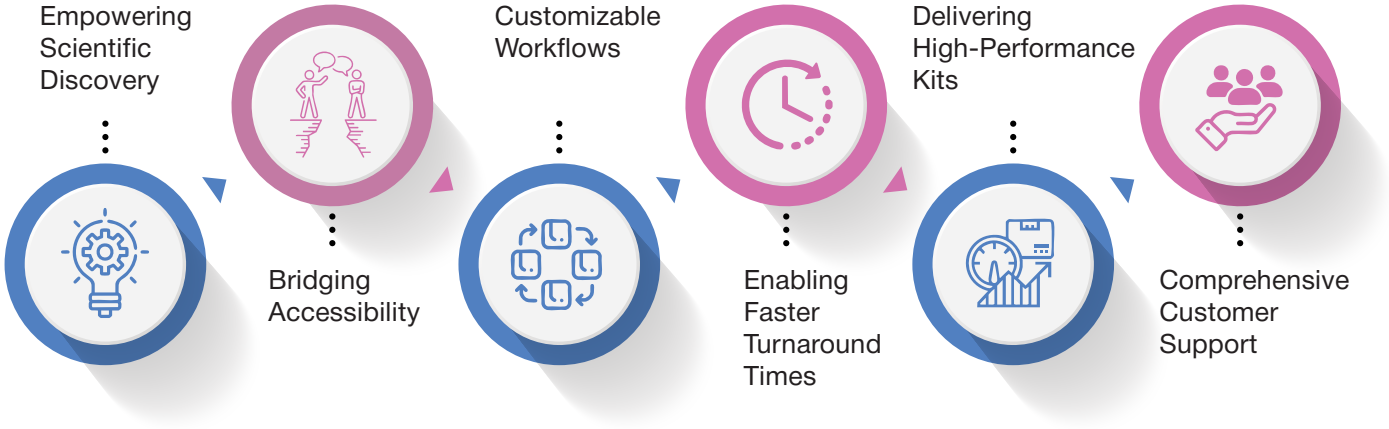
DECODING MULTI-OMICS WITH
UNCODED BY PREMAS LIFE SCIENCES

At the intersection of science and innovation stands **Uncoded** – an in-house brand by **Premas Life Sciences**, created to democratize access to high-quality multi-omics solutions, Made in India, for the world.

With over 18 years of legacy and 900+ years of cumulative team expertise, Premas Life Sciences has long been a trusted name in enabling genomics, proteomics, cell biology, biopharma, agriculture, and healthcare breakthroughs in India. Uncoded is the natural evolution of this mission—crafted to empower every lab, every clinician, every researcher with tools that are reliable, cost-effective, and future-ready.

Uncoded is not just a product line it's a movement. A Make in India initiative to advance life sciences through high-quality, globally aligned NGS tools and multi-omics platforms made by scientists, for scientists.

WHAT WE STAND FOR



Uncoded is more than a product line. It is a movement - **driven by purpose, powered by science**.

OUR PARENT LEGACY – PREMAS LIFE SCIENCES

Founded in **2005, Premas Life Sciences Pvt.** Ltd. has been at the forefront of bringing cutting-edge technologies to India, empowering scientists, clinicians, and researchers with world-class solutions. Founded by passionate scientists and industry experts, we embarked on a mission to bridge the gap between technology and innovation. Today, we proudly stand as a trusted partner in advancing scientific discovery and translational research in India.

At Premas Life Sciences, we partner with the world's most innovative technology providers to equip Indian researchers with the latest advancements in genomics, proteomics, and multi-omics. Our collaborations with **Illumina**, **Twist Bioscience**, **Olink**, **Covaris**, **Cytek**, **Horiba**, **Sphere Bio** and **Bruker Spatial Biology** ensure that cutting-edge tools are accessible to the Indian scientific community.

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R&D & MANUFACTURING FACILITY

E-48/3, First Floor Okhla Phase II,
New Delhi – 110020, India

uncoded@premaslifesciences.com

premas
life sciences