bionano

Power Discovery Across the Genomic Variant Continuum with VIA™ Analysis Software

The latest release of the Bionano VIA software will bring you the only decision support analysis tool that builds critical insight across the variant continuum of single nucleotide variants (SNVs), copy number variants (CNVs), and structural variants (SVs). Get ready for a new era of fully contextualized genomic discovery.

NGS

OGM

Microarray

VIA™

**Classify.
Visualize.
Contextualize.**

Import data from many widely adopted genomic analysis platforms

Optical genome mapping (OGM)
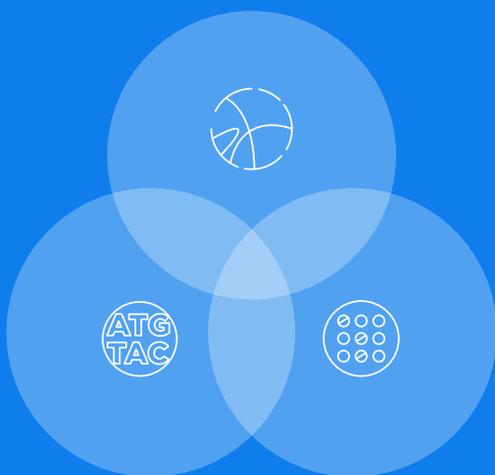
Next-gen sequencing (short-read and long-read)

Chromosomal microarrays

Find more genomic variation that matters with intelligent decision support

Leverage automation to accelerate accurate analysis, classification and reporting

Gain new insight to disease impact with complete, unique visualization of genomic variants

Layer multiple data types to contextualize genomic variation for better discovery and greater efficiency

QR Code

To learn more, visit bionano.com/via-software-preview

bionano™

# Accelerated Interpretation of Genomic Profiles for Hematological Malignancies
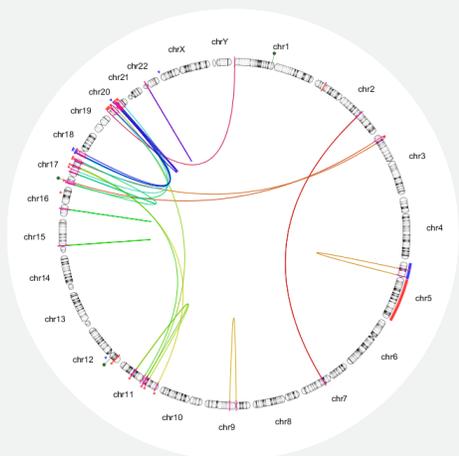
With VIA, you can use intelligent automation to quickly identify the causative variants associated with hematological malignancies leveraging key new software features, including variant autoclassification, dynamic filtering, and comprehensive visualization of all classes of genomic variants along with streamlined report generation for a complete analysis workflow.

VIA circos plot (left) visualizes all classes of variants: Structural variants (lines), copy number variants (bars), sequence variants (pins)

NGS

OGM
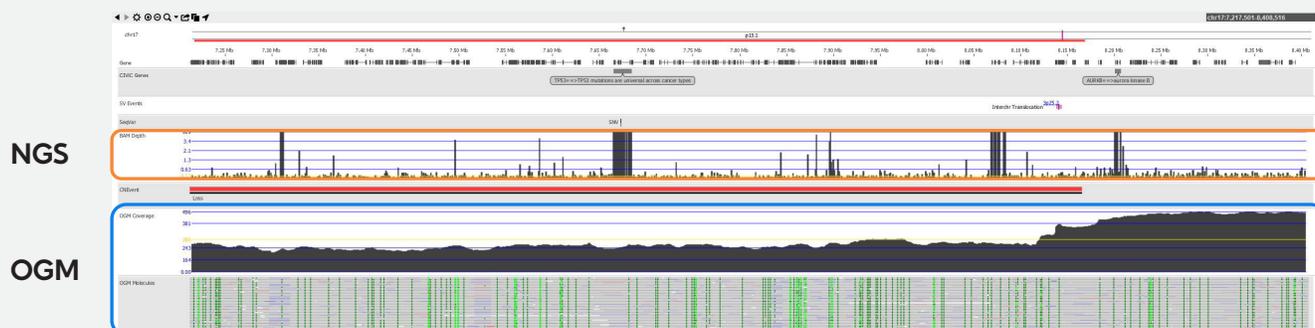
Chromosome browser view overlays OGM and NGS data, identifying a genomic region impacted by a translocation, loss, and sequence mutation.
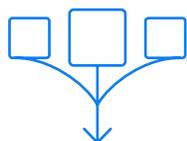
Enhance discovery of causative findings with integrated analysis of structural variants with sequence variants

Perform disease-specific or pan-cancer analyses by associating variants with guideline-based cytogenomic findings

Achieve faster turnaround times with efficient analysis workflows and flexible reporting capabilities

Contact your Bionano Regional Business Manager to learn more.
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