



Alissa Align & Call

The Next Evolution of NGS Data Analysis

Alissa Align & Call Delivers:

- Faster time-to-results
- Optimized algorithms for Agilent assays
- Greater efficiency than internal pipelines
- Seamless analysis pipeline and variant assessment integration
- Comes with a team of experts
- Secure, ISO 27001 certified environment

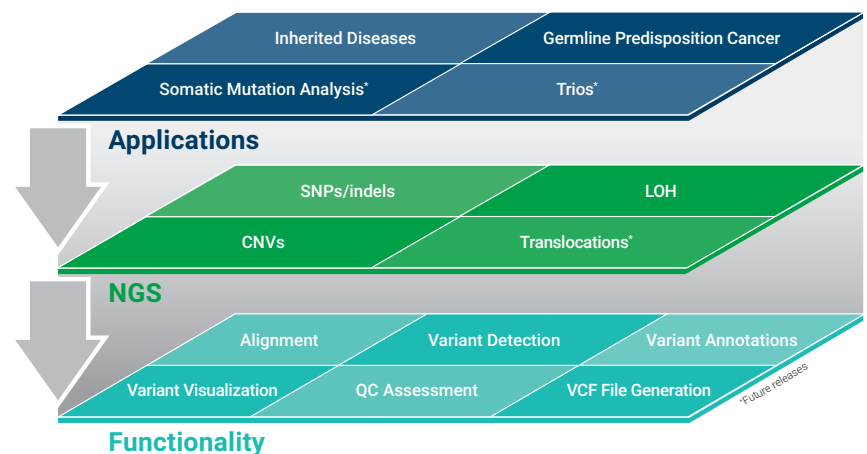
Make your Data Analysis Flow

Alissa Align & Call ushers in the next generation of NGS data analysis on the Agilent Alissa Clinical Informatics platform to deliver bioinformatic accuracy and speed, from raw data to draft report.

With optimized algorithms for samples enriched by Agilent SureSelect, HaloPlex, and OneSeq libraries and reagents, Align & Call unlocks complex data and accelerates time-to-results. In an integrated NGS workflow, Align & Call's upstream process to align and call variants for detection, annotation, and visualization is scalable and its QC assessment and VCF files easily flow downstream on the Alissa platform to data interpretation and reporting.

Designed for NGS Data Management Ease

Alissa Align & Call is designed with the routine lab user in mind. Navigating big genomics data using Align & Call's analysis pipeline – from raw data to variant identification – does not require complex IT infrastructure or special hardware. As a fully-hosted workflow, Align & Call is easily deployed and comes with Agilent's team of experts to help your lab quickly setup and scale volumes.



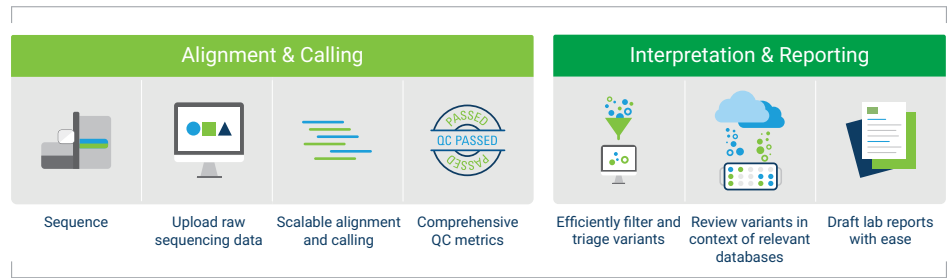
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Figure 1. A 3D view of how the tools and functionality provided by Alissa Align & Call deliver data analysis across NGS application areas and genomic events.

Analysis, Interpretation, and Workgroup Integration

Alissa Align & Call seamlessly integrates downstream with the variant assessment and reporting module on the Alissa Clinical Informatics platform, making QC reports and VCF files easy to export and navigate among all users within the same workgroup, when accounts are fully subscribed.

From Sequencing Data to Report



Single NGS Informatics Platform

Figure 2. Shared access to data, files, and results fosters collaboration across the platform, increasing operational efficiency, and establishing higher industry standards throughout the lab.

Speed, Quality, and Accuracy

Comprehensive QC metrics of Align & Call ensure NGS data quality at a robust workflow level. The quality performance of Align & Call is fueled by algorithms optimized for Agilent's industry leading Target Enrichment solution, yielding robust coverage metrics for SNPs, indels, CNV and cnLOH variant analysis, which increases the speed of analyses without sacrifice of quality or accuracy.

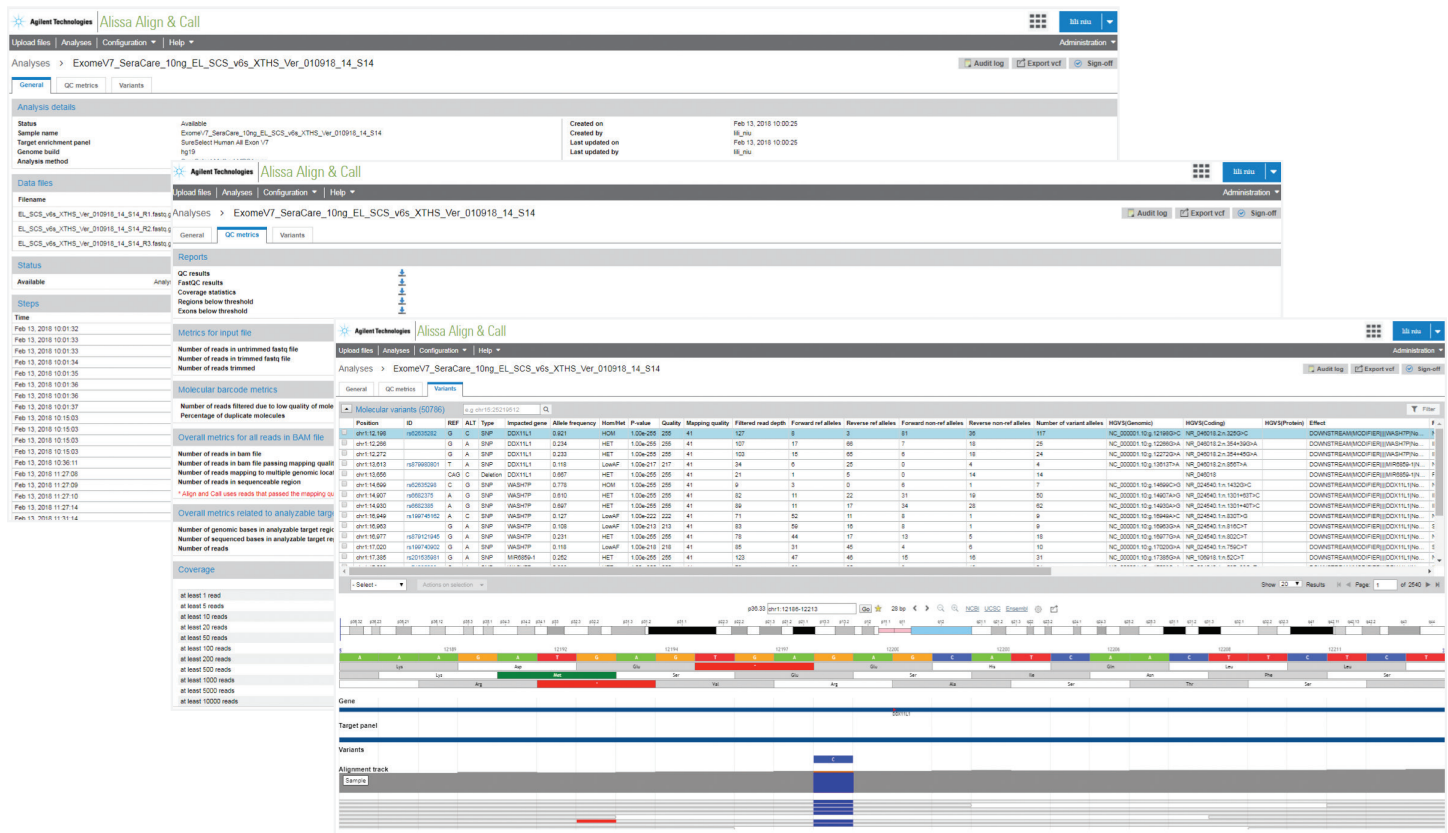


Figure 3. All expected SNPs and indels were identified and presented by Align & Call when analyzed using SureSelect Human All Exon V7 in a single day exome workflow from DNA to captured libraries.

www.agilent.com/lifesciences/alissa

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