Analysez vos données issues de NGS et de la CGH array avec notre plateforme Alissa : un cas, un rapport,

Journée ACHRO-PUCE

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Agilent
Trusted Answers

Expansive NGS and CGH Workflow Portfolio

Best value for QC and data processing when combined with SureSelect panels or exomes

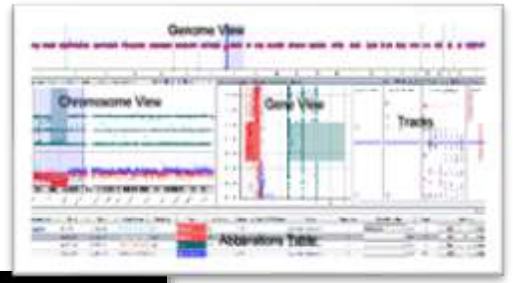
NGS

Alissa Interpret

Sample Prep | QC | Sequencing Hyb & Scan | Analysis | Interpretation / Reporting

Automation

New! CytoGenomics 5.2



CGH

Alissa Interpret

Available in France HDS server

Agilent

Update IVDR product :GenetiSure Dx reagents for pre/post natal and assay for postnatal

Components	Agilent p/n	Contents
Agilent GenetiSure Dx Postnatal Assay	K1201A	6 slides 4x and 6 coverslips, 24 samples
Agilent GenetiSure Dx DNA Labeling Kit	K1201-64100	25 sample and 25 reference reactions
Agilent GenetiSure Dx Hybridization Kit	K1201-64200	25 hybridization slides reagents
Agilent GenetiSure Dx Wash Buffer Set	K1201-64300	8 L wash buffer 1; 4 L wash buffer 2 reagents
Agilent GenetiSure Dx Cot-1 Human DNA	K1201-64400	625 µL, 1 µg/µL reagent

Equipment	Agilent p/n
SureScan Dx Microarray Scanner	G5761AA
Hybridization Chamber Kit, SureHyb enabled, Stainless	G2534A
Microarray Hybridization Oven	G2545A
Hybridization Oven Rotator Rack	G2530-60029

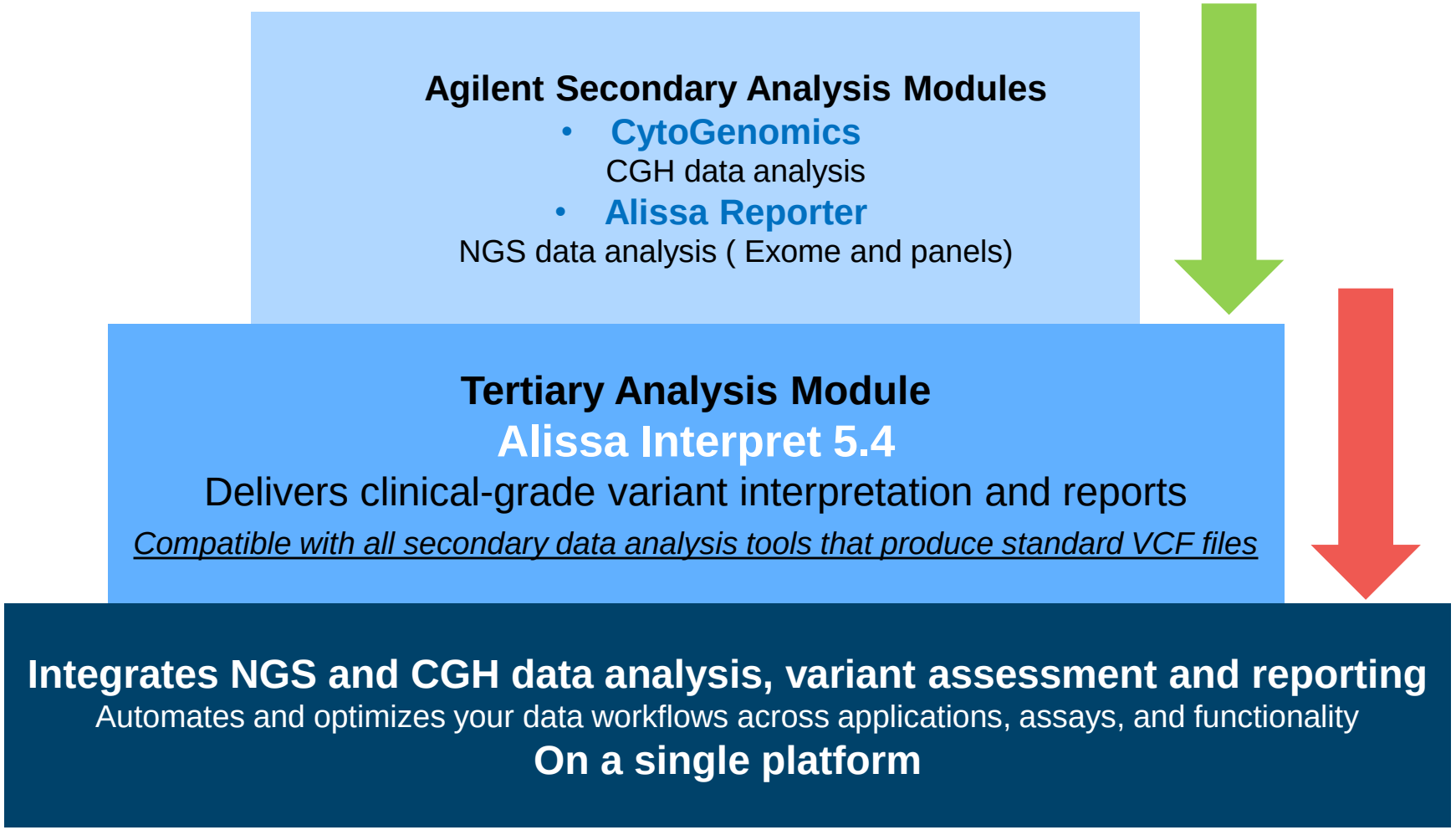
[More details : In Vitro Diagnostic Regulations | Agilent]

Restricted website: [GenetiSure Dx]

* Oven and hyb chamber are general lab equipment and do not require Dx marking

Agilent Alissa Clinical Informatics Platform

Built to meet the clinical variant analysis, interpretation, and reporting challenge



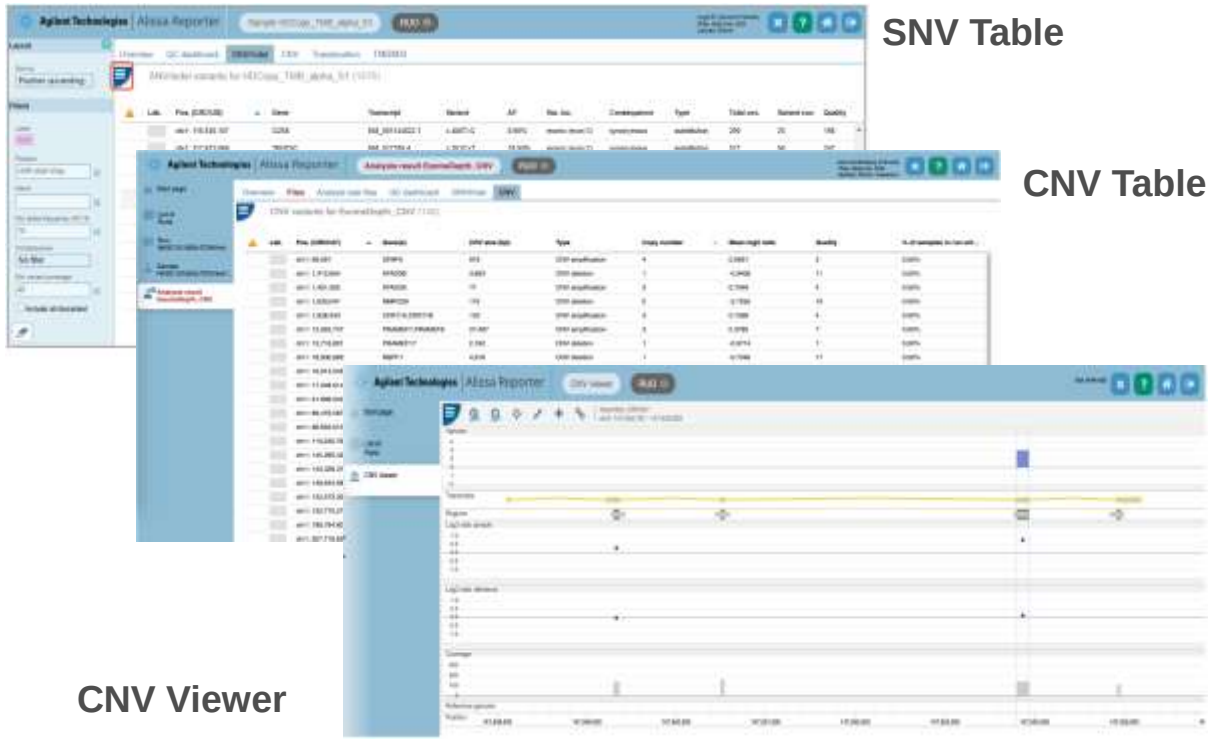
Alissa Interpret is a USA Class I Exempt Medical Device, Europe CE IVD, Canada and Australia Class I IVD Device.

Alissa Reporter

Seamless germline variant analysis for Exome V8 and panels Customs

Simultaneous SNV/indel and CNV detection

- Exon-level CNV resolution
- No reference sample needed

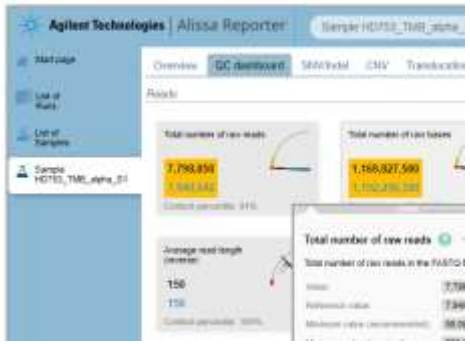


SNV Table

CNV Table

CNV Viewer

QC Dashboard



Genome Browser

Virtual Gene Panel

- Limit analysis to a subset of user-defined genes

Alissa Interpret Integration

Alissa Interpret

Streamlines genomic data interpretation and reporting

Phenotype-driven Variant Prioritization

Proposes a set of potentially relevant variants, ranked by estimated relevance

Unified solution across NGS and CGH

Combined analysis, interpretation and reporting of NGS and CGH data on a single platform

Direct access to up-to-date clinical findings

Integrates with industry standard and best-in-class annotation sources for inherited disease

ACMG Guidelines

Enables clinical interpretation and classification of variants based on the ACMG guidelines.

Family-based analysis

Determines allele inheritance and evaluates possible variant inheritance modes

Public API

Increases operational efficiency through LIMS and EHR integrations

"The tiered and automated analysis approach has enabled us to limit analysis times between 5 and 30 minutes per case, minimizing unsolicited findings and maximizing clinical utility and time efficiency."

Koen van Gassen, **Department of Genetics, University Medical Center Utrecht**The Netherlands

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Questions ?

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