Analyze

varsomeclinical

Who is it for: Labs generating NGS data.

VarSome Clinical is a CE IVD-certified and HIPAA-compliant platform that brings the power of VarSome to your Illumina and BGI FASTQs.

As genomic approaches have become more widespread in research and in the clinic, there are several reasons why VarSome Clinical is a crucial addition to your analysis pipeline.

Illumina BaseSpace
You can integrate your Illumina BaseSpace account with VarSome Clinical for easy direct uploads of your FASTQs.
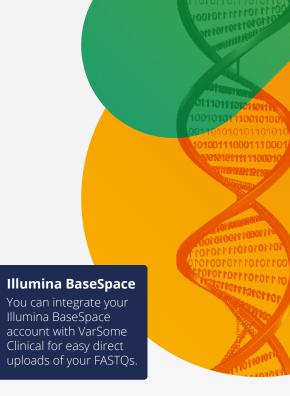
Speed

VarSome Clinical employs dynamic and fully customizable algorithmic filters. This means that you can reduce your variant load dramatically to just your variants of interest – whether they be pathogenic variants, gene-list based, compound heterozygous, variants in imprinted genes or even *de novo* variants. VarSome Clinical's algorithmic filters put you and your workflow in control.

Interpret Novel Variants

VarSome applies ACMG* and AMP** interpretation guidelines to germline, somatic, and copy number variants. These are applied dynamically, rather than being looked up from a database as with other systems. This means that every variant will have the full weight of the VarSome database applied to it by the selected classifier algorithm to provide a suggested level of pathogenicity.

Family Analysis

VarSome Clinical's Trio analysis takes advantage of parental information to aid in diagnosing children with rare disease. Our Trio filters, combined with our variant classification filter, makes pediatric whole genomes and exomes much easier to interpret.

Customizable Reports

VarSome Clinical recognizes that every lab has its own way of doing things. For that reason, reports are fully customizable to include only the information you need and your own branding.

Your Data; Your Rules

Although we are HIPPA and GDPR compliant, CE-IVD and ISO 27001 and ISO 13485 certified, we recognize that every organization has different obligations when it comes to safeguarding data. If your country does not allow data to leave its borders, we offer an on-premises installation of VarSome Clinical to ensure data protection compliance.

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