

BaseSpace® Informatics Suite

The shortest distance between sample and answer

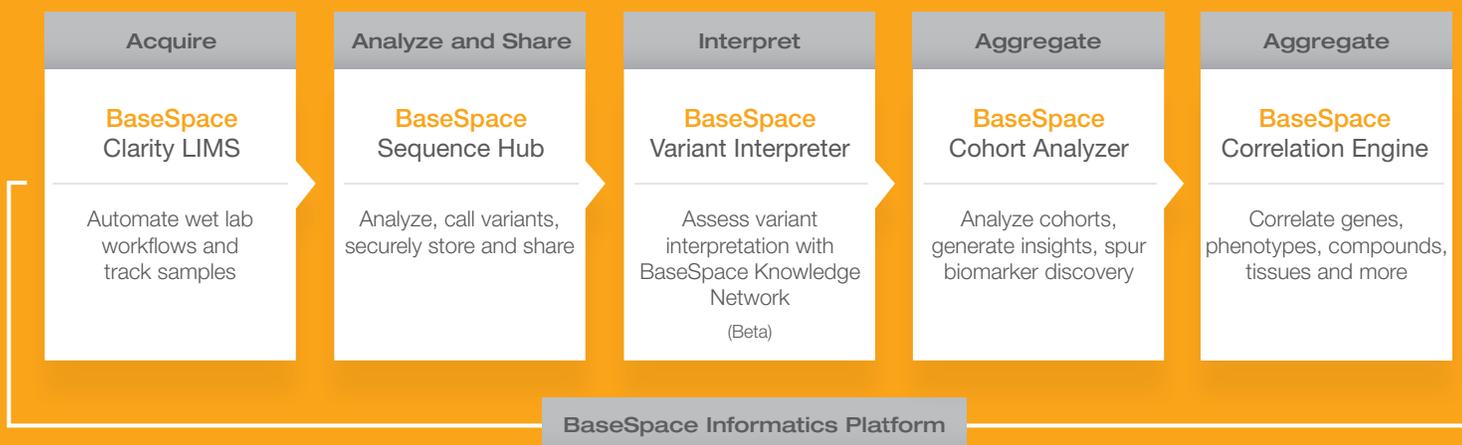
Advances in genomic technologies promise to shed light on disease and how we diagnose and treat it. Yet the process for progressing from biological sample to meaningful answer is disconnected, arduous, and time-consuming. Disparate data systems and the need to assemble a diverse set of software applications create a highly manual and error-prone process that can take weeks to complete. To address these challenges, we proudly introduce BaseSpace® Suite, an integrated informatics product portfolio that unifies Illumina software products to deliver a comprehensive solution for genomic data analysis.

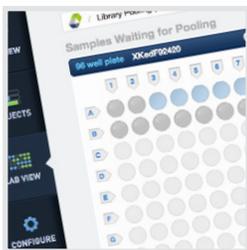
Simplify and expedite your genomic workflows with integrated informatics

BaseSpace Suite removes common informatics barriers by combining key functionality into one, easy-to-use, integrated solution. BaseSpace Suite is a comprehensive, cloud-based portfolio of informatics solutions built upon a software platform that provides common capabilities across the suite. Unifying key functionality, such as laboratory information management, data storage, analysis, and interpretation, means that you can more quickly deliver high-quality genomic information and apply the results to research and translational applications.

BaseSpace Suite consists of the following solutions that you can use together, separately or with the existing solutions in your lab.

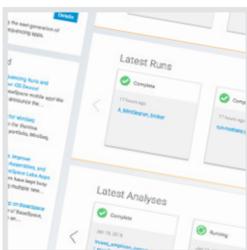
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Track and manage samples and optimize wet lab workflows

BaseSpace Clarity LIMS (formerly Clarity LIMS) is a laboratory information management system that includes preconfigured workflows, support for regulatory compliance, flexibility to adapt to new workflows, and automation to help your lab scale when sample volumes increase.



Analyze, store, and share genomic data

BaseSpace Sequence Hub (formerly BaseSpace) provides scalable and secure storage and analysis of genomic data. You can also remotely monitor sequencing runs, as well as share data to collaborate with colleagues.



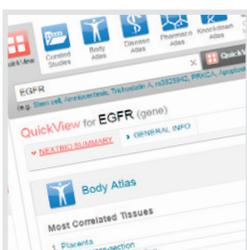
Assess variant significance

BaseSpace Variant Interpreter (Beta) enables you to perform rapid annotation, filtering, interpretation, and reporting of genomic data. Accelerate variant interpretation with **BaseSpace Knowledge Network**, an integrated knowledge base containing genotype-phenotype associations.



Increase understanding of clinically and biologically significant markers

BaseSpace Cohort Analyzer (formerly NextBio Clinical) enables you to automatically aggregate and analyze subjects with genomics data in a few clicks. Review cohorts for marker frequencies, response, and outcomes and share data for biomarker discovery, translational research, and clinical trials.



Use data-driven answers to understand genes, variants and signatures

BaseSpace Correlation Engine (formerly NextBio Research) enables you to instantly mine over 20,000 studies to get data-driven answers for genes, variants and signatures.

For more information, contact your Illumina sales representative.
www.illumina.com/informatics

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