

## The Next Generation Solution for Next-Gen Sequencing Data

**STARPlatform™** | Secondary and Tertiary Analysis Reporting Platform



**Genome  
Assembly**



**Data  
Compression**



**Secure  
Storage**



**Genomic  
Analysis**



**Report  
Creation**



**STARBox™**

Accelerated secondary analysis and  
compression tool



**STARInsight™**

Tertiary analysis tool that combines  
curated reference data, user-supplied  
genomes and metadata

**STARPlatform™ is a solution that  
automates and simplifies the entire  
lifecycle of genomic data.**

STARPlatform™ can be customized to fit your workflow, and it automates and simplifies your entire process starting from the data output of the sequencer through to the desired reporting. The platform enables users of genomic data to overcome the enormous challenges of data management.

- » Minimize time from data to discovery with on-demand scalable infrastructure
- » Expand the statistical power of research with a comprehensive reference data library
- » Conveniently search metadata in real time
- » Maintain control over data distribution
- » Enhance collaboration with scalable and secure tools
- » Reduce storage costs with our lossless data compression solution



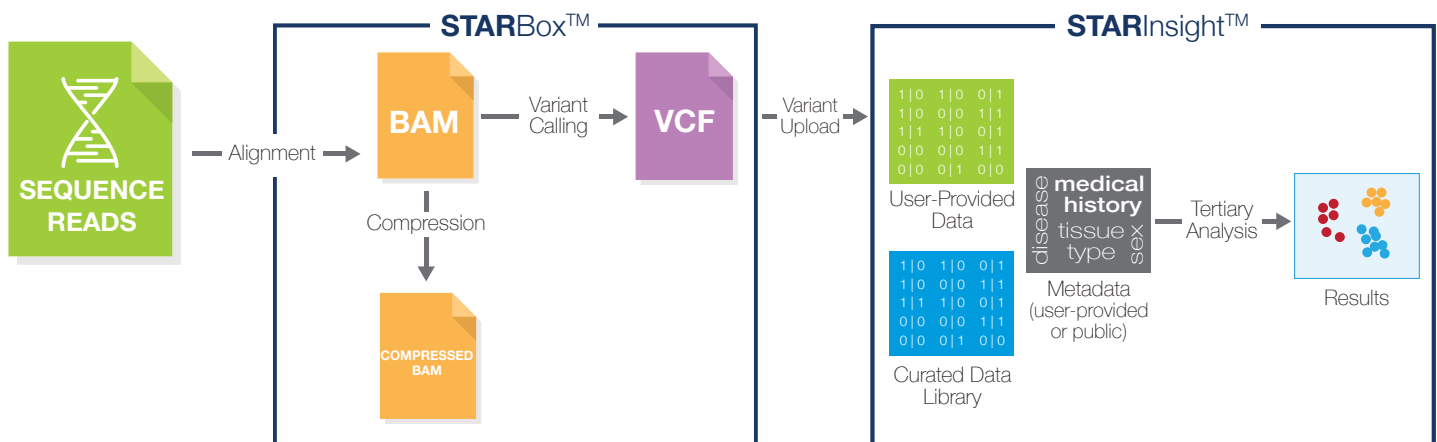
For more information about STARPlatform™

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## A Hybrid Cloud Solution for Every Step After Sequencing

**STARPlatform** was specifically designed to handle the complexities of next-generation sequencing data in the clinical, pharmaceutical and research environments. Its capabilities and tools extend beyond genomic data management, offering a truly comprehensive solution that enables researchers and clinicians to innovate, collaborate and make new discoveries — all in less time and at a lower cost than traditional solutions.

### STARPlatform™ | Secondary and Tertiary Analysis Reporting Platform



**STARBox™** performs two distinct workflows on sequence reads: secondary analysis and compression. During secondary analysis, the system aligns the sequence reads, performs variant calling, and creates a VCF file. The aligned sequence reads are quickly compressed using Annai's industry-leading lossless technology. **STARBox** can send processed files to a repository of your choice.

**STARInsight™** enables you to combine your own data with a curated collection of public reference data and annotations as well as run your own analysis from a user-friendly web-based interface.



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