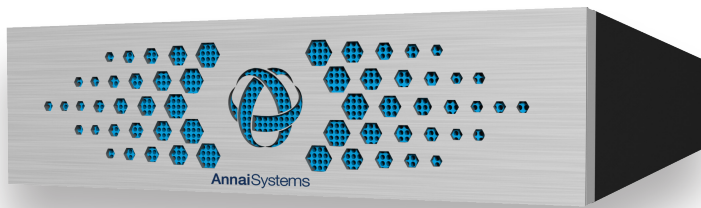


## Assembly and Lossless Compression: Automated and Efficient



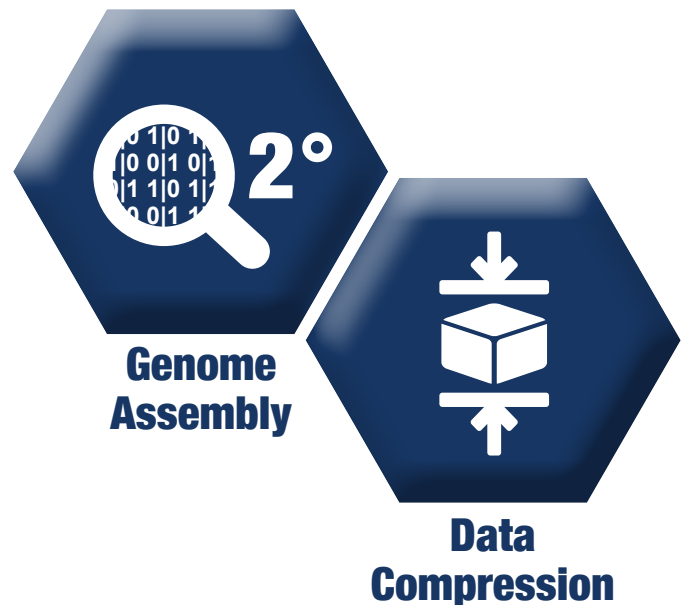
- » Save money with a cost-effective lossless compression solution for NGS data
- » Quickly access available data for analysis and re-analysis
- » Rapidly deploy with flexible out-of-the-box options
- » Decompress files in seconds with or without the appliance

Annai Systems' **STARBox™** is a proven solution for **automating, simplifying,** and **accelerating** secondary analysis, and **reducing** bandwidth and storage **costs.**

Using a **lossless compression** algorithm in an easy-to-install appliance, **STARBox significantly compresses** BAM or FASTQ files in a **fast, secure** and **reliable** manner.

**STARBox** delivers **substantial savings** over the lifespan of the typical retention period for genomic data, while keeping data easily accessible.

With the capability to **decompress files in seconds** with or without the appliance, **STARBox** enhances the **speed** and **accessibility** of re-analysis.



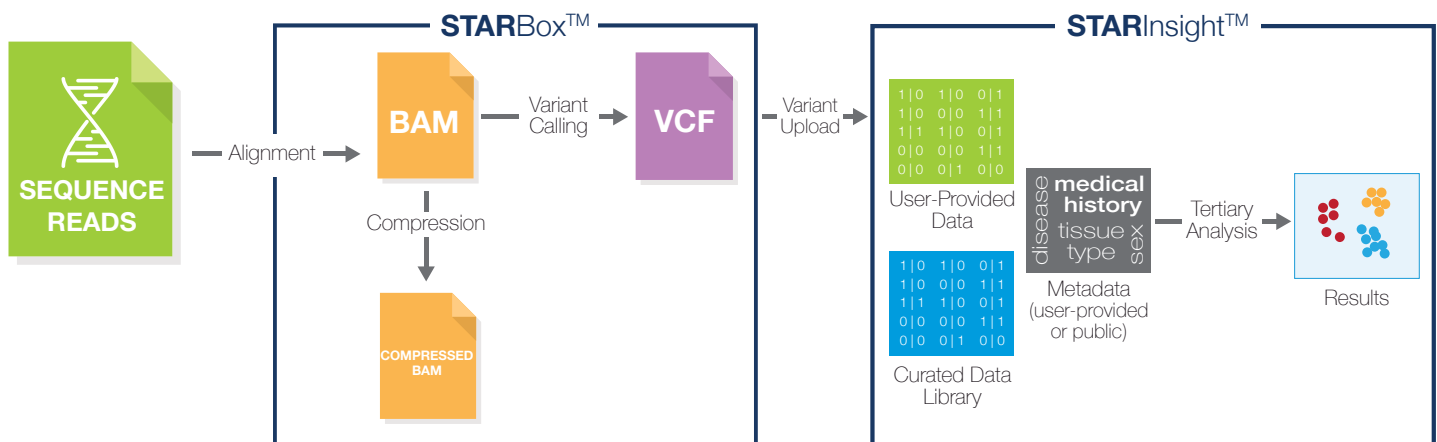
For more information about **STARBox™**

[www.annaisystems.com](http://www.annaisystems.com) | 760.607.3300 | [sales@annaisystems.com](mailto:sales@annaisystems.com)

## A Hybrid Cloud Solution for Every Step After Sequencing

**STARBox** is part of Annai Systems' **STARPlatform™**, a comprehensive solution 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.



For more information about **STARBox™**

[www.annaisystems.com](http://www.annaisystems.com) | 760.607.3300 | [sales@annaisystems.com](mailto:sales@annaisystems.com)