

# Genomics Firm Keeps Testing Affordable by Lowering Their Data Storage Costs

*“We hope to be the ‘Amazon of medical genetics’...Efficiently managing the gene sequence test data is key to our competitive advantage.”*

Director of IT  
Invitae

## The Challenge

This major genomics company is generating petabytes of data to make genetic information more widely available by lowering the cost of high-quality testing. “We hope to be the Amazon of medical genetics,” said their Director of Infrastructure IT. “By aggregating multiple tests into a single platform, we bring the costs down. Efficiently managing the gene sequence test data is key to our competitive advantage.”

They needed a solution to help solve the following challenges:

- Making critical storage capacity planning and cloud decisions in the dark
- Having to purge valuable data after six months to curb storage costs
- Initiative to move data to the cloud for future use by big data applications

## The Solution

The company turned to Komprise Intelligent Data Management to understand and manage their data growth. Komprise provided an analysis of their NAS environment, showing how fast data was growing, which data was active and what could be moved to less-expensive secondary storage. The analytics allowed them to plan capacity and design policies, which Komprise used to automatically move and replicate data, preserving file-based access without any stubs.

### Profile

- Medical genetic testing firm
- Generates petabytes of data
- Manually manages sequence run data

### Results

- Cut primary storage footprint by 50%
- Capped storage spend by archiving cold data to the cloud
- Moved data without disruption to scientists
- Ended manual management of sequence run data

## The Results

By using Komprise, the company was able to achieve the following with no disruption to scientists' data access:

- Conduct data capacity planning and set policies
- End manual management of sequence run data
- Use NAS for hot data during analysis and move cold data to the cloud before purging
- Replicate gene sequence data in the cloud
- Create a data lake to perform further analytics from their growing cloud data

*“By preserving native object-based access to moved data in the cloud, we can write native cloud-based big-data applications in the future. Our partnership with Komprise will enable us to support our business as we grow.”*

## About Komprise

Komprise empowers businesses to take control of their data with no interference to applications, users, or hot data. Komprise Intelligent Data Management is the foundation for analytics-driven data management which is key to putting data in the right place at the right time across all storage. Analyze, move, and easily find your data with Komprise.

## Learn More

Experience a complimentary trial of Komprise in your own environment to see the true picture of your data and how much you can save. Visit: [komprise.com](https://www.komprise.com)



Komprise, Inc.  
1901 S. Bascom Ave. Suite 400  
Campbell, CA 95008  
United States

For more information:  
Call: 1-888-995-0290  
Email: [info@komprise.com](mailto:info@komprise.com)  
Visit: [komprise.com](https://www.komprise.com)

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