



Hoping to do something meaningful with your talent?

We solve the hard engineering problems so our customers can focus on their job: advancing science and medicine.

What We Do

DNA Nexus aims to establish a global network for genomic medicine, accelerate genomic science, and enable precision medicine. As DNA sequencing becomes more widely available, the challenges of analyzing and storing sequencing data at scale are becoming the bottleneck for genomic science. DNA Nexus tackles the analysis of data by providing a scalable, secure, and collaborative platform in the cloud. DNA Nexus empowers research institutions, healthcare systems, diagnostic testing providers, pharmaceutical companies, and biotechnology startups to undertake some of the largest genomic projects to date.

Who We Are

We are a rapidly growing and well-funded startup based in Mountain View, CA, with satellite offices in downtown San Francisco and Boston. Our team includes graduates from CMU, Georgia Tech, MIT, Stanford, and UC Berkeley, as well as former employees from Apple, Google, Illumina, Microsoft, NVIDIA, and Pacific Biosciences. We are open-minded, think big, and work quickly to deliver practical solutions.

Customer Case Studies and Collaborations

Ebola Virus Sequencing

DNA Nexus collaborated with the Broad Institute to enable real-time genomic sequencing and analysis of Ebola genomes from the field in Africa. The DNA Nexus platform makes these data immediately available for analysis to researchers across the globe. DNA sequencing of Ebola provides insight into how the outbreak likely originated and helps scientists make predictions about candidate vaccines, therapeutics, and diagnostics.

Precision Medicine Initiative

As part of President Obama's Precision Medicine Initiative, the FDA's Office of Health Informatics selected DNA Nexus to build precisionFDA, an online research space where members of the genomics community can experiment, share data and tools, collaborate, and define standards for evaluating analytical pipelines for next generation sequencing.

Prenatal Genetic Screening

Natera is a diagnostic test provider that offers highly accurate solutions for noninvasive prenatal testing, genetic-carrier screening, and miscarriage testing. Natera selected DNA Nexus as the underlying cloud-based platform to support the growing volume and the global delivery of genetic tests in a scalable, cost-effective, and secure manner.

CHARGE Consortium

Baylor College of Medicine's Human Genome Sequencing Center used the DNA Nexus platform to analyze the genomes of over 14,000 individuals. Over the course of four weeks, approximately 3.3 million core-hours of computational resources generated nearly 1 petabyte of data for further analysis.

Visit blog.dnanexus.com to learn about more scientific advancements powered by DNA Nexus!