CD Genomics

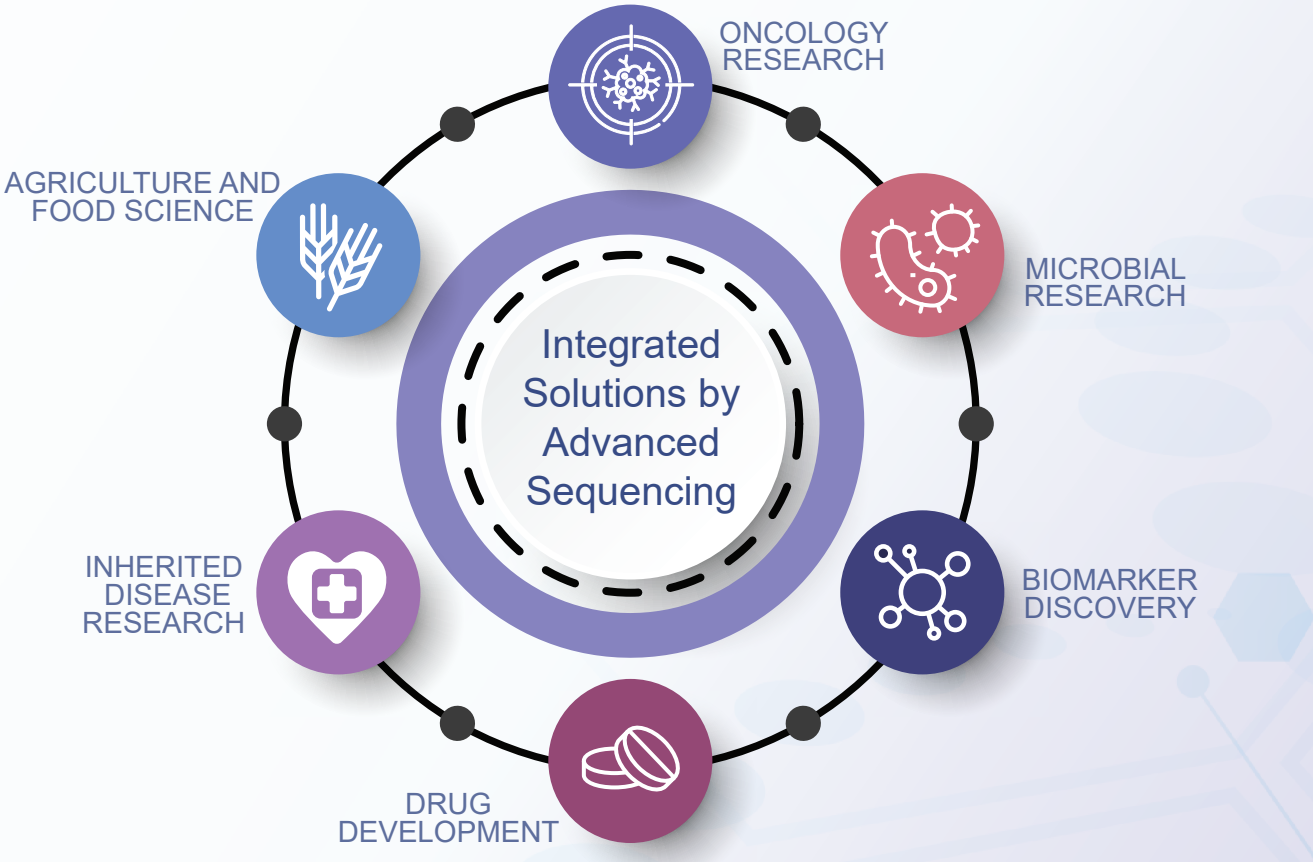
The Genomics Services Company

Genome is a book that wrote itself, continually adding,
deleting and amending over four billion years.
And what CD Genomics does is help you interpret this book…

Next-Generation Sequencing | Third-Generation Sequencing | Genotyping | Bioinformatics Analysis

CD Genomics, An Expert in Sequencing & Bioinformatics

Best-in-class expertise in bridging the gap from ideas to scientific achievements. Our team of biologists and bioinformaticians partner with researchers across all life science fields to identify meaningful research findings in gene profiling projects across a variety of sample types.



COMMITTED TO GROWING WITH OUR GENOMICS PARTNERS

Our development expertise across all mainstream sequencing technologies (illumina, SMRT sequencing, nanopore sequencing, etc.) and has promoted countless scientific discoveries. With expanded offerings, which include state-of-the-art sequencing platforms and expertise in specific research areas, CD Genomics is dedicated to meeting the needs of our partners.

EXPERIENCE ACROSS A WIDE RANGE OF AREAS

CD Genomics has delivered numerous sequencing projects for pharmaceutical, biotech companies, academic institutions, and government agencies. We share our knowledge in sequencing and apply it to disease research, microbiology, food and agriculture, biomarkers, drug discovery, etc. Our sequencing and bioinformatics analysis solutions offer customers leading expertise across various research areas through cutting-edge genomics technologies.

Leverage our technical expertise, scale-up experience, and state-of-the-art facilities to meet your genomics milestones. **PARTNER WITH US TO BRING YOUR NEXT PROJECTS TO SUCCESS.**

Next-Generation Sequencing

Genomics Sequencing

Equipped with advanced NGS platforms, state-of-the-art technologies, and coupled with specialized scientists, CD Genomics delivers a broad array of genomic solutions to meet your diverse research goals and budgets.

Transcriptomics Sequencing

CD Genomics is proud of offering and tailoring comprehensive transcriptomics services to meet our clients' research objectives and budgets. We can guide you all the way from project design, project initiation to high-quality results.

Epigenomics Sequencing

Epigenomics helps us understand not only the role of DNA methylation, but also identify targets for therapeutic treatment. CD Genomics offers genome-wide epigenomics analysis, allowing researchers to look at epigenetic alterations easily.

Microbial Sequencing

NGS has proven to be an invaluable tool for investigating diverse environmental and host-associated microbial communities, helping to generate enormous new data sets that can be mined for information on their composition and functional properties.

Single-Cell Sequencing

The global gene expression patterns in single cells have dramatically advanced cell biology. CD Genomics's single-cell sequencing platform focuses on the links between cell variation in tissues and organ function and further elucidates the origins of diseases.

Gene Panel

CD Genomics provides accurate, efficient, and customizable NGS panels for studying diseases caused by gene mutations to help scientific research and product development. Target enrichment allows for rapid and reliable detection of target genes and mutations.

Third-Generation Sequencing

PacBio SMRT Sequencing

By taking advantage of the long-read and single molecular sequencing capability developed by PacBio, we are proud to offer advanced genome de novo assembly solutions and full-length gene/transcript sequencing strategy to suit your project needs.

Nanopore Sequencing

The PromethION offers on-demand use of up to 48 Flow Cells – each of which can generate up to 100 GB of sequencing data. Our nanopore sequencing service portfolios include Nanopore Full-Length Transcripts Sequencing and Nanopore Direct RNA Sequencing.

Genotyping

SNP Analysis

We provide the whole-genome SNP genotyping for the overview of the entire genome by using both microarray and NGS, as well as SNP fine mapping for large SNP numbers and a high volume of samples to help you validate and confirm the SNP loci of interest.

DNA Fragment Service

Microsatellites are often highly variable and polymorphic within the genome. CD Genomics provides support for the selection and profiling of microsatellite markers by genotyping, instability analysis, and Hi-SSRseq.

Bioinformatics Analysis

Sequencing Data Analysis

CD Genomics can provide routine and customized bioinformatic analysis of NGS and TGS, genotyping, and microarray data to meet the requirements of fundamental research, drug R&D, and many other applications.

Biomedical Statistical Analysis

Using the sequencing data of medical research and clinical research, CD Genomics can conduct comprehensive statistical analysis and apply it to the research of various diseases, including but not limited to inherited diseases, tumors, and intestinal diseases.

Contact CD Genomics for more inspiration and service content.

CD Genomics