

Who we are

Illumina is a leading developer, manufacturer, and marketer of life science tools and integrated systems dedicated to making genomics useful for all. Innovating at the intersection of technology, biology, and health, we are reimagining what's possible for human health and the health of our planet, including how diseases—from cancer to COVID-19—are discovered, detected, diagnosed, and treated. We provide sequencing innovations that are enabling researchers and clinicians to usher in the future of personalized medicine.



Fast facts



Founded in
1998



Number of employees
~9250



Core annual revenue (2023)
\$4.43B USD



Net sequencing installed base
> 21,000

Headquarters

San Diego, California, USA

Countries served

> 160

Chief Executive Officer

Jacob Thaysen

Sequencing systems

Next-generation sequencing (NGS) is revolutionizing research, enabling experiments that weren't possible before. Illumina offers a range of innovative NGS platforms that deliver exceptional data quality and accuracy, at a massive scale.



NovaSeq™ X/X Plus **NovaSeq 6000/6000Dx*** **NextSeq™ 1000/2000**

NextSeq 550/550Dx*

MiSeq™ and MiSeqDx*

MiniSeq™ iSeq™ 100

Production-scale systems

Benchtop systems

Illumina Connected Software

Integrating seamlessly with our sequencing systems, Illumina Connected Software supports genomic and clinical researchers from primary through tertiary analysis and optimizes lab and sample management. It offers the most accurate and comprehensive variant calling with DRAGEN™ 4.2 secondary analysis,[†] powering greater applications and discovery. Balancing approachability with customization, Illumina Connected Software enables insights for single-sample or population-wide studies.

For Research Use Only. Not for use in diagnostic procedures.

*For *In Vitro* Diagnostic Use. Not available in all regions and countries.

[†] As compared against all participating solutions' F1 score using PrecisionFDA v2 Truth Challenge Benchmark Data; Illumina internal data on file for DRAGEN v4.2 software, data not from Illumina provided by Precision FDA v2 Truth Challenge 2020.

Applications

- Oncology
- Genetic disease
- Infectious disease
- Multiomics
- Drug discovery
- Microbial genomics
- Reproductive health
- Molecular and cell biology
- Agriculture
- Conservation and sustainability

Customers

- Clinics
- Hospitals
- Research labs
- Healthcare systems
- Academic institutions
- Government agencies
- Pharmaceutical companies

Cost of sequencing per human whole genome

2001  \$100 million USD²

2023  \$200 USD³

Since 2001, the cost of DNA sequencing has dropped more than 100,000× from \$100 million USD per human genome to \$200 USD list price.

Where we operate

United States

San Diego (headquarters)
Foster City
Hayward
Baltimore
Madison

Australia

Melbourne

Austria

Vienna

Belgium

Brussels
Mechelen

Brazil

São Paulo

China

Beijing
Shanghai
Guangzhou
Hangzhou
Nanjing
Taipei City

France

Évry
Rennes

Germany

Berlin

India

Bengaluru

Italy

Milan

Israel

Tel Aviv

Japan

Tokyo
Osaka

Netherlands

Eindhoven

Singapore

South Korea

Seoul

Turkey

Istanbul

United Arab Emirates

Dubai

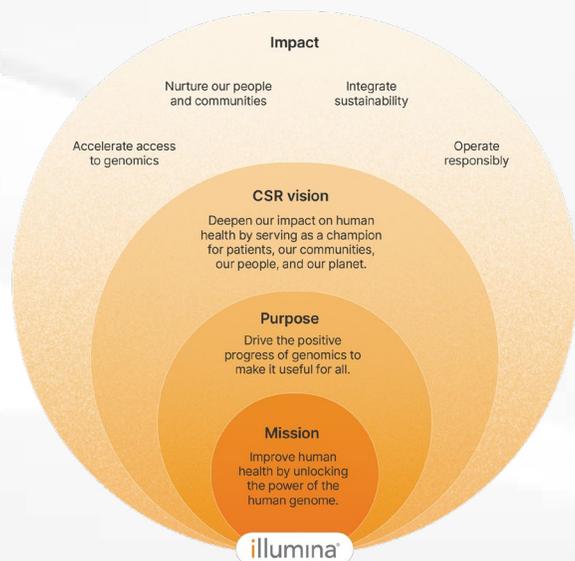
United Kingdom

Cambridge



Creating positive impact

By embedding our corporate social responsibility (CSR) strategy into business, we are driving positive stakeholder **impact** and long-term shareholder **value**.



Our recognition

- 3BL 100 Best Corporate Citizens
- AmCham Corporate and Societal Action: Recognition for Excellence in Singapore (CARES)
- America's Most JUST Companies by JUST Capital and CNBC
- Disability Equality Index, Best Places to Work for Disability Inclusion
- Dow Jones Sustainability Indices
- Fast Company's Innovation by Design Awards for the NovaSeq X Series (honoree)
- Fast Company's World Changing Ideas Awards for the NovaSeq X Series (honoree)
- Forbes America's Best-in-State Employers
- Forbes World's Best Employers
- Forbes World's Top Companies for Women
- IBO Gold Award for Design for the NovaSeq X Series
- Military Times Best for Vets
- Newsweek America's Greatest Workplaces for Diversity
- Newsweek America's Most Responsible Companies
- TIME World's Best Companies
- U.S. News & World Report Best Companies to Work For

1. 2023 Annual Revenue provided in February 2024.

2. Wetterstrand KA. The Cost of Sequencing a Human Genome. National Human Genome Research Institute website. <https://www.genome.gov/about-genomics/fact-sheets/Sequencing-Human-Genome-cost>. Updated November 1, 2021. Accessed November 17, 2022.

3. \$200 USD genome on NovaSeq X Series is delivered at list price on 25B flow cell. Data on file. Illumina, Inc. 2023.

4. Main campus locations currently include San Diego, Foster City, Hayward, UK Illumina Centre, Netherlands, and Singapore Woodlands.