

EDNA, Inc. Fact Sheet

Empowering Genomic Innovation and Equity

About EDNA

EDNA, Inc. is a pioneering biotech company that combines advanced whole genome sequencing (WGS), blockchain technology, AI-driven genetic analysis and decentralized finance (DeFi) to revolutionize genomic research and data ownership. With its proprietary platform, EDNA offers a pathway for individuals to monetize and control their genetic information while advancing precision medicine and democratizing access to genomic technologies.

Core Services

1. Advanced Whole Genome Sequencing (WGS):

- Provides 100% accurate sequencing (Q-70) using Illumina NovaSeq X and Oxford Nanopore PromethION technologies.
- Employs the state-of-the-art T2T-CHM13 v2 genome reference for unparalleled completeness.

2. Consumer-Researcher Data Exchange:

- Enables ethical and consent-driven sharing of genomic data with researchers, generating income for individuals.

3. Genetic Counseling Platform:

- Connects certified genetic counselors with consumers, ensuring credential verification and secure consultations.

4. DeFi Micro-Lending for Genomic Equity:

- Uses blockchain to fund sequencing for underserved populations, creating financial opportunities for impoverished communities.

5. Biopharma Collaboration:

- Provides researchers with targeted genomic data to accelerate discoveries and therapeutic innovations.

6. Research and Development (R&D):

- Invests in cutting-edge blockchain and genomic technologies to maintain market leadership.
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Key Differentiators

- **Data Ownership and Privacy:**

Individuals retain full ownership of their genetic data, with transparent blockchain-based transactions ensuring ethical use.

- **Innovative Economic Model:**
Introduces DNA as a new asset class, offering individuals and investors unique opportunities in genomics-driven financial ecosystems.
 - **Equity and Accessibility:**
Through DeFi micro-lending, EDNA bridges the genomic equity gap, enabling global participation in personalized medicine advancements.
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Impact Highlights

- **Data Value:**
Human genome datasets can generate between \$70,000 and \$100,000 over three years.
 - **Global Market Opportunity:**
The genomic sequencing market is projected to grow from \$27.81 billion in 2021 to \$94.65 billion by 2028.
 - **Enhanced Social Responsibility:**
Empowers underserved communities to access genetic services and create long-term financial benefits while atypically providing significant financial returns to “true impact” investors.
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