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INVESTIGATIVE · THE INSIDER #0003

GenesisL1 (part 1)

10 June 2026

GenesisL1 is an open-source, experimental Layer-1 blockchain that combines Ethereum-style smart contract capabilities with bioinformatics-focused data storage and computation.

Disclosure. Alderlux holds a position in GenesisL1. Alderlux has no advisory, commercial or equity relationship with the project.

Key Features

Core Infrastructure

- Built using the **Cosmos SDK** with a fork of **Cronos/Ethermint**, it offers an **Ethereum-compatible EVM** layered on top of the Tendermint Proof-of-Stake consensus.
- Designed to be **fast and eco-friendly**, processing blocks approximately every 10 seconds.

Scientific & Bioinformatics Focus

- GenesisL1 targets the decentralization of crucial **biological datasets** — such as PDBbank, UniProt, AlphaFold DB, ProteinNet, and more — on-chain for reproducible scientific research.
- It facilitates **machine learning toolkit integration**, **NFTs of molecular structures** via MolNFT.org, **dataset construction and tokenization** via DatasetNFT.org, and even **Web3-enabled sequence alignment** via smart contracts.

Community-Centric Utility Token (L1 Coin)

- The **L1 coin** is the native token used for gas, staking, governance, and powering the network. It has an initial supply of 21 million, with a soft cap totaling 100 million L1 tokens, most of which reside in a **community pool** to fund projects via democratic voting.
- It features annual inflation between 5%–42% as PoS rewards for validators and delegators.

Open & Experimental Nature

- The project is highly experimental and comes with **no warranty** — all its software and data are provided as open-source, and users are invited to contribute.

Developer & Wallet Compatibility

- Developers and users can interact using **Metamask**, **Keplr**, **Remix**, and Solidity-smart-contract tooling.
- Network configuration details for MetaMask (e.g., Chain ID 29, RPC endpoints) are available for easy integration.

At a Glance

Feature	Description
Blockchain Type	Layer-1 (Cosmos SDK + Tendermint PoS) with Ethereum-compatible EVM
Primary Function	Decentralized storage and computation of bioinformatics and scientific datasets
Smart Contract Support	• Solidity via Ethermint fork
Tokenomics	L1 coin: utility, governance, and staking; inflation rewards allocated via community proposals
Ecosystem Tools	MolNFT.org, DatasetNFT.org, Web3 sequence alignment dApps
Status	Experimental, open-source, community-driven
Wallet Integration	Metamask, Keplr, Remix; RPC and explorer endpoints available for setup

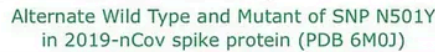


Image taken from GenesisL1 X account

Summary

GenesisL1 reimagines blockchain utility by blending **scientific data integrity**, **distributed computation**, and **community governance** into a single, open, and experimental Layer-1 system. It's less about financial speculation and more about building tools and infrastructure for scientific advancement, particularly in bioinformatics and machine learning. If you're a researcher, developer, or community builder looking to push the boundaries of Web3 in the sciences, GenesisL1 offers a compelling platform.

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Images taken from GenesisL1 Telegram

Links

Website : <https://genesis11.com/>

X: https://x.com/genesis_L1

Github : <https://github.com/alpha-omega-labs/genesisL1>

Telegram : https://t.me/Genesis_L1

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