

Molecular Visualization in your browser !



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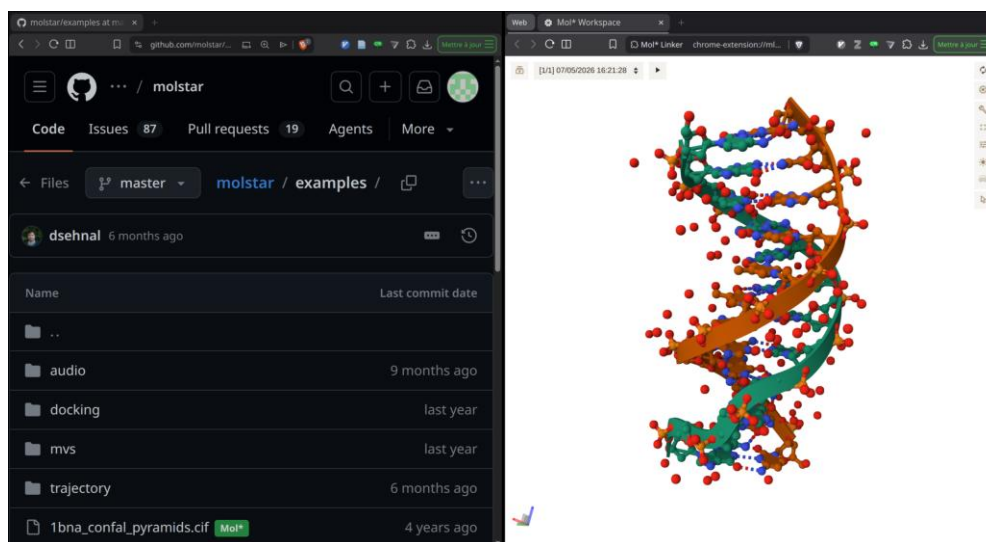
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Mol* Linker is a browser extension, Chrome and Firefox compatible, designed to streamline the visualization of molecular structures directly from platforms like GitHub, GitLab, and other scientific databases. By automatically detecting links to supported structural file formats (e.g., .pdb, .cif, .gro, .mol2), it injects a one-click badge that opens these files in the **Mol* web viewer [1]**, a high-performance 3D visualization tool. The extension eliminates the need for manual downloads or local software, offering a seamless, privacy-first experience where data is rendered entirely in the browser's memory ensuring proprietary files are never uploaded to external servers.

Mol* Linker stands out with its customizable scene builder, allowing users to define per-molecule representations, colors, opacities, and custom highlighting rules for chains, residues, or specific selections. It supports named template libraries, enabling users to save, share, and import JSON-based configurations for consistent visualization across projects. The extension also works on private and self-hosted instances of GitLab or other platforms, bypassing CORS restrictions without requiring server-side modifications. With a focus on performance and security, **Mol* Linker** enforces strict rules to prevent browser crashes while maintaining a sandboxed architecture to isolate potential exploits.

Download [Mol* Linker](#) directly from the [Chrome](#) or [Firefox](#) store or get the latest release from [Github](#) (you can scan the Qrcode above).



Screenshot displaying the structure accessed via the extension badge (green rectangle)(Figure 1).

Bibliography :

[1] D. Sehnal, S. Bittrich, M. Deshpande, R. Svobodová, K. Berka, V. Bazgier, S. Velankar, S.K. Burley, J. Koča, A.S. Rose, *Nucleic Acids Res* 49 (2021) W431–W437.