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**AN EVOLUTIONARILY STRUCTURED UNIVERSE OF PROTEIN ARCHITECTURE** Apr 02 2024 2021 4 17 protein structural diversity encompasses a finite set of architectural designs embedded in these topologies are evolutionary histories that we here uncover using cladistic principles and measurements of protein fold usage and sharing

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ARCHITECTURAL PROTEINS REGULATORS OF 3D GENOME ORGANIZATION Oct 28 2023 the regulation of these proteins their interaction with dna and their co occurrence in the genome may be responsible for the plasticity of 3d chromatin architecture that dictates cell and time specific blueprints of gene expression

**GRAMMAR OF PROTEIN DOMAIN ARCHITECTURES PNAS** Sep 26 2023 abstract from an abstract informational perspective protein domains appear analogous to words in natural languages in which the rules of word association are dictated by linguistic rules or grammar such rules exist for protein domains as well because only a small fraction of all possible domain combinations is viable in evolution

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*AMAZON PROTEIN ARCHITECTURE LESK ARTHUR M ORGANIC* Jul 25 2023 1991 10 1 it also contains a complete atlas of all of the protein structures in the brookhaven protein databank topics covered include ball and stick models shaded sphere models schematic representations tertiary structure and protein ligand interactions structure determination and a wealth of information about the relevant

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