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# Leucine Zipper

National Cancer Institute

## Source

National Cancer Institute. *Leucine Zipper*. NCI Thesaurus. Code C13291.

Domains in DNA-binding proteins that contain amino acid sequences that show periodic arrays of leucine residues. These residues exist in an alpha-helical conformation, with the leucine side chains extending from one alpha helix interdigitating with those displayed from a similar alpha helix of a second polypeptide, facilitating dimerization.