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C2H2 Zinc Finger

National Cancer Institute

Source

National Cancer Institute. *C2H2 Zinc Finger*. NCI Thesaurus. Code C13294.

One of three structural motifs observed in DNA binding domains of zinc proteins.

Domains in DNA- and RNA-binding proteins that contain amino acids which are folded into a single structural unit around a zinc atom that links two cysteines and two histidines.

Each finger is postulated to recognize a specific sequence of about five nucleotide pairs.

Originally identified in the TFIIIA transcription factor, it is also known as the C2H2 zinc finger.