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# Beta Sheet

National Cancer Institute

## Source

National Cancer Institute. *Beta Sheet*. NCI Thesaurus. Code C13802.

In a b-sheet two or more polypeptide chains run alongside each other and are linked in a regular manner by hydrogen bonds between the main chain C=O and N-H groups. The R-groups (side chains) of neighbouring residues in a b-strand point in opposite directions; beta sheets can be parallel, anti-parallel or mixed. (from expasy.org)