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RNA Recognition Motif

National Cancer Institute

Source

National Cancer Institute. *RNA Recognition Motif*. NCI Thesaurus. Code C13720.

RNA Binding Domains (RBD) mediate the interaction of RNAs with RNA-binding proteins. RBDs of about 90 amino acids consist of a four-stranded beta sheet adjacent to two alpha helices. Within RBDs, conserved RNP-1 and RNP-2 motifs on the central beta sheets lie side by side; their side chains contact RNA.