FIGURE 2.36. An example of a catalytic RNA or ribozyme: the catalytic center of the Tetrahymena group I intron (blue). The substrate RNA (red) is cleaved by the active site at the junction of the two helical domains (red arrow at center). Remarkably, this RNA molecule catalyzes its own cleavage, cutting itself out of the pre-mRNA to produce the processed mRNA, which will be translated.


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