

## SUPPLEMENTARY DATA

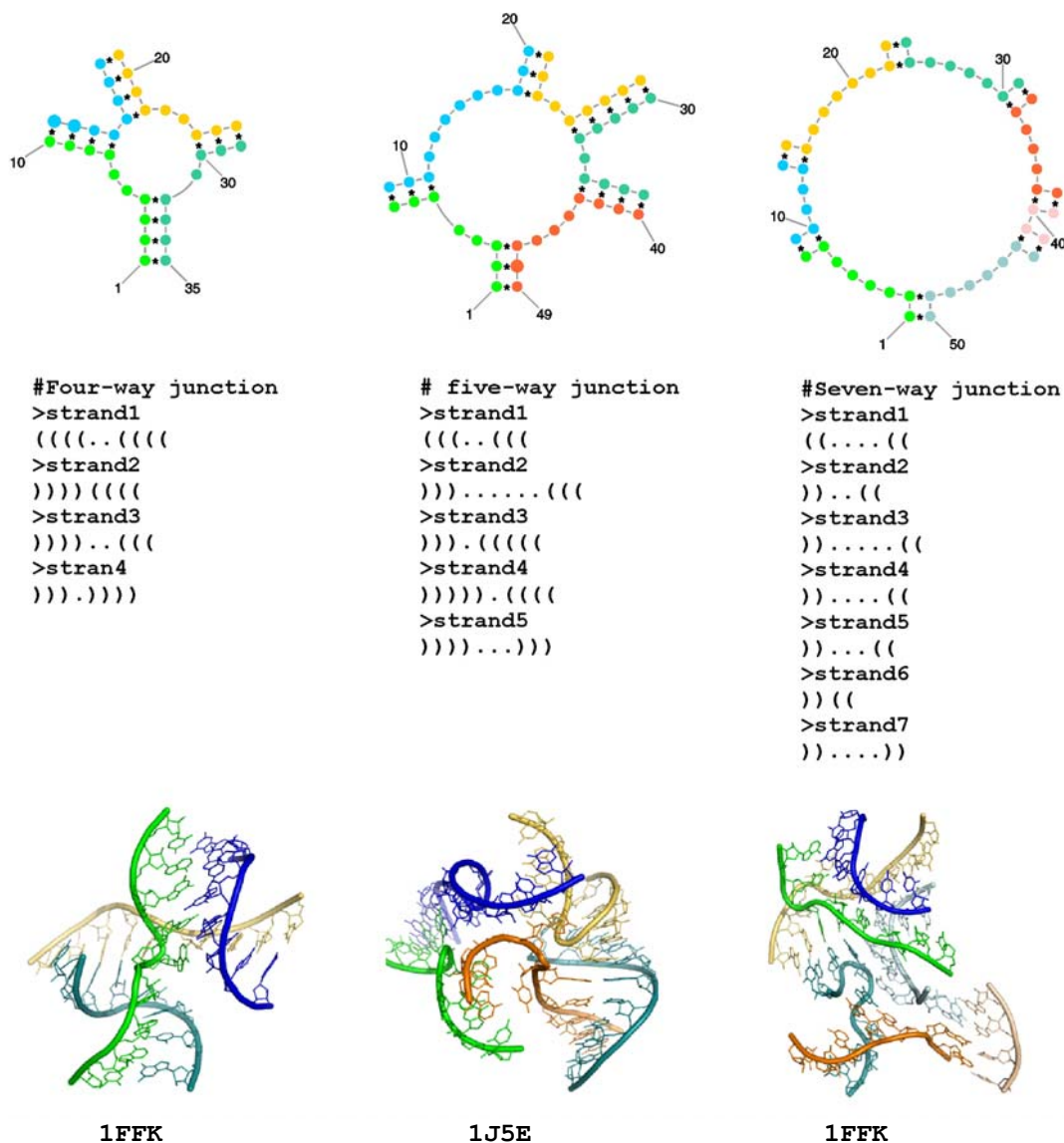
### RNA FRABASE version 1.0: an engine with a database to search for the three-dimensional fragments within RNA structures

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WEB SITE: <http://rnafrabase.ibch.poznan.pl>

**Figure S1.** Examples of searches for the multi-branched loops: four-way junction (*left*), five-way junction (*middle*) and seven-way junction (*right*).





**Figure S3.** The query statistics for the RNA hairpin loops, bulges and internal loops; all closed by three base pairs

