

# Resource Summary Report

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## RNAfold

RRID:SCR\_024427

Type: Tool

### Proper Citation

RNAfold (RRID:SCR\_024427)

### Resource Information

**URL:** <http://rna.tbi.univie.ac.at/cgi-bin/RNAWebSuite/RNAfold.cgi>

**Proper Citation:** RNAfold (RRID:SCR\_024427)

**Description:** Web server predict secondary structures of single stranded RNA or DNA sequences.

**Resource Type:** web service, data access protocol, software resource

**Keywords:** predict secondary structures, single stranded RNA, DNA sequences,

**Availability:** Free, Freely available

**Resource Name:** RNAfold

**Resource ID:** SCR\_024427

**Record Creation Time:** 20230913T050234+0000

**Record Last Update:** 20260804T043841+0000

### Ratings and Alerts

No rating or validation information has been found for RNAfold.

No alerts have been found for RNAfold.

### Data and Source Information

**Source:** [SciCrunch Registry](#)

### Usage and Citation Metrics

We found 51 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [ASWG](#) .

Vázquez-Salgado L, et al. (2025) Genomic Differences Between Nervous Necrosis Virus (NNV) Reassortants Isolated From Wild and Farmed Fish: Implications for Viral Fitness, Temperature Adaptation and Virulence. *Transboundary and emerging diseases*, 2025, 8896753.

Lin XL, et al. (2025) CRISPR/Cas-mediated mRNA knockdown in the embryos of *Xenopus tropicalis*. *Cell & bioscience*, 15(1), 52.

Qin L, et al. (2025) Multi-Omics Analysis Reveals Impacts of LincRNA Deletion on Yeast Protein Synthesis. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(13), e2406873.

Huang Q, et al. (2025) Bio-engineered microRNA-7 effectively interferes with the Akt3/p53 axis to suppress human non-small cell lung cancer. *Cancer cell international*, 25(1), 250.

Shan M, et al. (2025) Significance of KLK7 expression, polymorphisms, and function in sheep horn growth. *BMC genomics*, 26(1), 78.

Bellchambers HM, et al. (2025) A CRISPR mis-insertion in the Zic3 5'UTR inhibits in vivo translation and is predicted to result in formation of an mRNA stem-loop hairpin. *Biology open*, 14(3).

Xu J, et al. (2025) Identification of single nucleotide polymorphisms (SNPs) associated with heat stress and milk production traits in Chinese holstein cows. *BMC genomics*, 26(1), 534.

Määttä K, et al. (2025) Utilizing CRISPR-Cas13d-knockdown in zebrafish to study a rare monogenic bone fragility syndrome. *JBMR plus*, 9(11), ziaf153.

Hankinson J, et al. (2025) The Cap-proximal secondary structures of the 5'UTRs of parainfluenza virus 5 mRNAs specify differential sensitivity to type I interferon and IFIT1. *The Journal of general virology*, 106(3).

Moreno-Sánchez I, et al. (2025) Enhanced RNA-targeting CRISPR-Cas technology in zebrafish. *Nature communications*, 16(1), 2591.

Yang X, et al. (2025) DeepAptamer: Advancing high-affinity aptamer discovery with a hybrid deep learning model. *Molecular therapy. Nucleic acids*, 36(1), 102436.

Meng Y, et al. (2025) Ghr-miR166b-GhHB14 Pair With GhDLO1 Partner Mediates Cotton Plant Defence Against *Verticillium dahliae*. *Molecular plant pathology*, 26(6), e70104.

Concepcion D, et al. (2025) Nonequivalence of Zfp423 premature termination codons in mice. *Genetics*, 231(2).

Zhou H, et al. (2025) Virulence determinant of Senecavirus A: 3C protein functions as a protease to cleave viral polyprotein and host factors. *Virulence*, 16(1), 2580080.

Nouri S, et al. (2025) Rapid detection of herpes simplex virus types 1 and 2 using a G-quadruplex aptamer-based biosensor. *Virology journal*, 22(1), 345.

Liu J, et al. (2025) Divergent landscapes and evolutionary trajectories of 5S rDNA and Cassandra retroelement in Saccharinae. *BMC plant biology*, 25(1), 1233.

Lyu B, et al. (2025) G-quadruplex structures in 16S rRNA regions correlate with thermal adaptation in prokaryotes. *Nucleic acids research*, 53(3).

Maddamsetti R, et al. (2025) The Abundance of Viroid-Like RNA Obelisk-S.s in *Streptococcus sanguinis* SK36 May Suffice for Evolutionary Persistence. *Journal of molecular evolution*, 93(3), 370.

Rafat K, et al. (2025) ADAT3-related neurodevelopmental disorder in 24 new patients with a high frequency of the p.Val144Met and a new founder variant. *Scientific reports*, 15(1), 20329.

Ulu F, et al. (2025) Genome-wide analysis of miRNAs and their target genes in wheat cultivars with different ploidy levels under drought stress. *Planta*, 262(2), 38.