



3dRNA/DNA

An RNA and DNA tertiary structure prediction method

New Task Task Index **Result** Guide Statistics

Information for 3dRNA Web Server Job ee1c352a-e682-46cc-8363-2f2fc4832b56

Download The Results

[Parameters] [3dRNA output] [All Structures]

[1] [2] [3] [4] [5] [6] [7] [8]

Check The Predicted Structures

Display Style
Cartoon

Color By
model

Model Selection
 Select All

1 6

2 7

3 8

4

5

spin

Reset

Scores by 3dRNA/DNA score(the lower the better)

Model	1	2	3	4	5	6	7	8
Score	23.7754	24.0183	24.4028	24.0042	24.18	24.1119	24.1176	23.6275

Job Parameters

Cite Our Work

You can cite our work like this:

- Zhang Y, Xiong Y, Xiao Y. 2022. '3dDNA: A Computational Method of Building DNA 3D Structures', *Molecules*, 27:5936.
 - Zhang, Y., J. Wang, and Y. Xiao. 2022. '3dRNA: 3D Structure Prediction from Linear to Circular RNAs', *Journal of Molecular Biology*, 434: 167452.
 - Zhang, Y., J. Wang, and Y. Xiao. 2020. '3dRNA: Building RNA 3D structure with improved template library', *Computational and Structural Biotechnology Journal*, 18: 2416-23.
 - Wang, Jun, Jian Wang, Yanzhao Huang, and Yi Xiao. 2019. '3dRNA v2.0: An Updated Web Server for RNA 3D Structure Prediction', *International Journal of Molecular Sciences*, 20: 4116
 - Wang, J., K. K. Mao, Y. J. Zhao, C. Zeng, J. J. Xiang, Y. Zhang, and Y. Xiao. 2017. 'Optimization of RNA 3D structure prediction using evolutionary restraints of nucleotide-nucleotide interactions from direct coupling analysis', *Nucleic Acids Research*, 45: 6299-309.

- Wang, J., Y. Zhao, C. Zhu, and Y. Xiao. 2015. '3dRNAscore: a distance and torsion angle dependent evaluation function of 3D RNA structures', Nucleic Acids Research, 43: e63.
- Zhao, Y., Y. Huang, Z. Gong, Y. Wang, J. Man, and Y. Xiao. 2012. 'Automated and fast building of three-dimensional RNA structures', Sci Rep, 2: 734

Address: 1037 Luoyu Road, Wuhan, China ©2019 Huazhong University of Science & Technology
Our research group belongs to [School of Physics](#)