



## 3dRNA/DNA

An RNA and DNA tertiary structure prediction method

New Task    Task Index    **Result**    Guide    Statistics

Information for 3dRNA Web Server Job 431be7cd-8bc7-44b7-ab95-37050b16b473

**Download The Results**

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

[1]    [2]    [3]    [4]    [5]

**Check The Predicted Structures**

**Display Style**  
  
**Color By**  
  
**Model Selection**  
 Select All  
 1  
 2  
 3  
 4  
 5

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

Model	1	2	3	4	5
Score	26.7811	26.8835	26.7435	26.9894	26.8325

**Job Parameters**

Key	Value
email	null
uuid	431be7cd-8bc7-44b7-ab95-37050b16b473
name	EHI_016130_default_200126
version	Program:2.0 Lib:Lib_1
seq	CUCCUCCAGCAAAGACAAACUGCUGCACCUGCACCGCUAUGGAAUUUUAGCUGAU AUUAGAAGUGGUAAAUCUUAGGUAGCUGCUGAUAGAAAAUUAGACACUGCCGCACC UGUUGUCAGUGAUGCAGGAAAACAAGAUUUGAC
num	5
num_samplings	500
_minimize	yes
_pred_ss	.....((((((.....))))).(((((((....)))).....(((((((....))))....))))(((((....))))).((((((....))))....)))).....
_ss_method	RNAfold
loop_building	partial_dg
_mol_type	rna
_rna_type	circular
_routine	Default
state	finished
error_msg	null
created_at	2026-01-21 11:41:45
updated_at	2026-01-21 12:07:24
current_step	compressing

## 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

