Resource Summary Report

Generated by dkNET on May 20, 2025

RNAcompete

RRID:SCR_015900
Type: Tool

Proper Citation

RNAcompete (RRID:SCR_015900)

Resource Information

URL: https://omictools.com/rnacompete-tool

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Description: Method for the systematic analysis of RNA binding specificities that uses a single binding reaction to determine the relative preferences of RBPs for short RNAs that contain a complete range of k-mers in structured and unstructured RNA contexts. RNAcompete identifies expected and previously unknown RNA binding preferences.

Synonyms: RNAcompete Tool

Resource Type: software application, software resource, data analysis software, data processing software

Defining Citation: PMID:19561594, PMID:27956239

Keywords: rna, protein, interaction, binding, preference, rna-seq, recognition, rbp, k-mer, structured rna, unstructured rna, matlab

Funding: CIHR MOP-49451;
CIHR MOP-14609;
CIHR MOP-93671;
Natural Sciences and Engineering Research Council ;
Canadian Foundation of Innovation ;
Ontario Genomics Institute ;
Ontario Research Fund ;
National Science and Engineering Research Council of Canada (NSERC)

Availability: Freely available, Runs on Linux

Resource Name: RNAcompete

Resource ID: SCR_015900

Alternate IDs: OMICS_18668

Record Creation Time: 20220129T080328+0000

Record Last Update: 20250519T203913+0000

Ratings and Alerts

No rating or validation information has been found for RNAcompete.

No alerts have been found for RNAcompete.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Zahr SK, et al. (2018) A Translational Repression Complex in Developing Mammalian Neural Stem Cells that Regulates Neuronal Specification. Neuron, 97(3), 520.