A. Select the example sequence and the operation button

Please choose one of following functions below: (Note: Only first sequence will be calculated on first two method)

TVCurve | **RNA Mutation** | RNA Multiple | RNA Pairwise

RNA Mutation Tab

Step 1: Select functional module RNA Mutation

☐ Compare with RNApdist and RNApdistance

You can open file or write content below:

1. Click here to load the sequence of *Leptomonas cellotoma* sample

Step 2: Select the example

Open RNA FASTA file...

>Lep
AACTAAAACAATTTTTGAAGAACAGTTTCTGTACTTCATTGGTATGTAGAGACTTC

RNA Mutation

Step 3: Run RNA Mutation button

B. Waiting interface: Job ID

Job ID:
mutation_8a720914e775402900968c2e5296c2f71a14fbf9

Job ID

📊 Sequecne and Structure

>Lep
AACUAAAACAAUUUUUG AAGAACAGUUUCUG UACUUC AUUG GUAUGUAGAG ACUUC
..((... ((((((.. ((((((((((...)))) .)))))..))).))) ..)).....

📊 Results

Please wait for a while. Alternatively, you can save the address of this page or the JobID to retrieve the results.

C. Results of the module of RNA Mutation: results and download interface

Job ID: mutation_8a720914e775402900968c2e5296c2f71a14fbf9

📊 Sequecne and Structure

>Lep
AACUAAAACAAUUUUUG AAGAACAGUUUCUG UACUUC AUUG GUAUGUAGAG ACUUC
.... (((((((.. ((((((. ((((...))))).)))))))..))).)))........

📊 Results

Download files

Download .zip file

Histogram

deleteriousHist

Deleterous profile
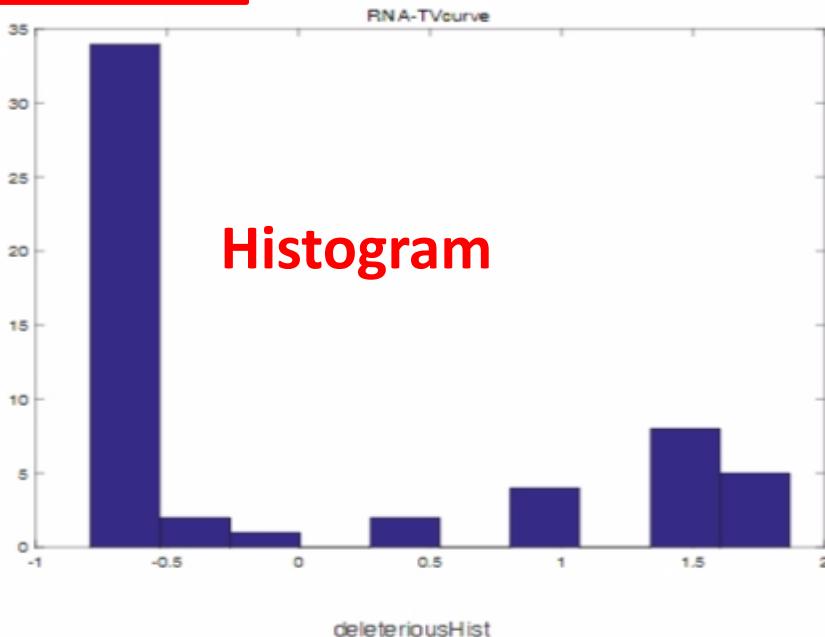
deleteriousProfile
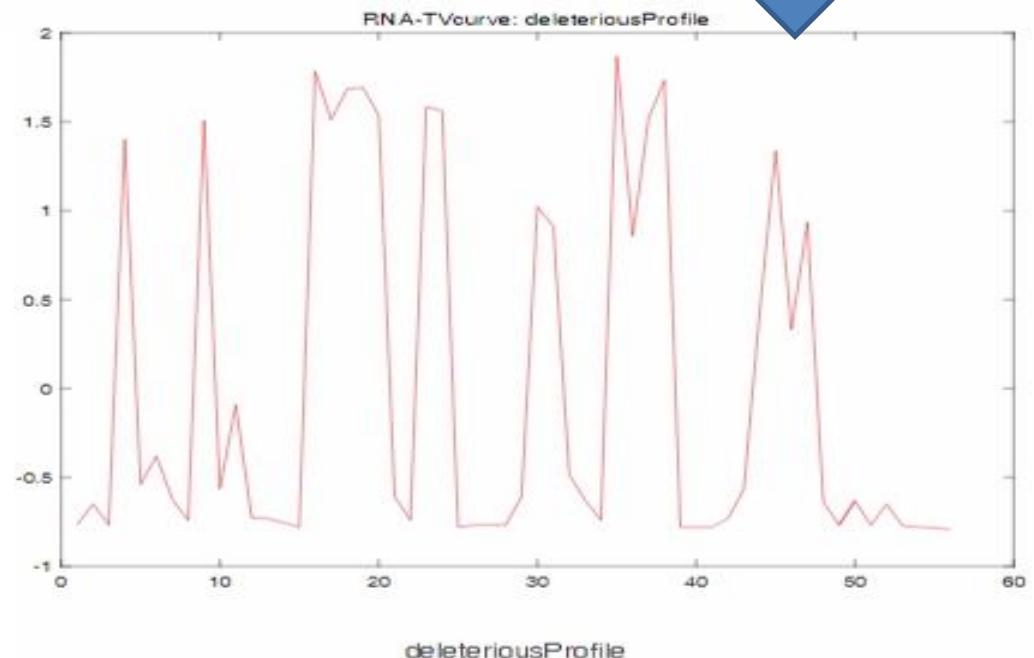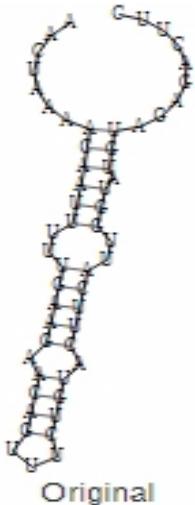
Original RNA structure

Original

AACUAAAACAAUUUUUGAAGAACAGUUUCUGUACUUCAUUGGUAUGUAGAGACUUC
.......(((((((.. (((((. ((((. . .)))).)))))..))).))).......... (−9. 40)
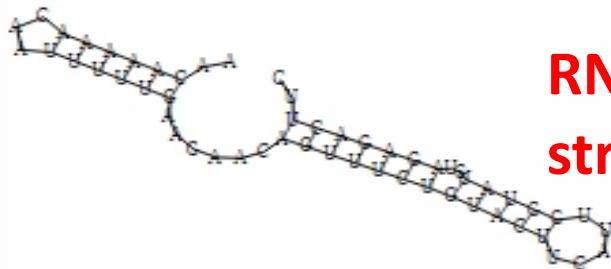
RNA **U4A** mutant with the maximum structure distance

RNA-TVcurve_U4A

AACAAAAACAAUUUUUGAAGAACAGUUUCUGUACUUCAUUGGUAUGUAGAGACUUC
.. (((((((. . .)))))))...... (((((((((((((.....)))))..)))))))).. (−10. 10)