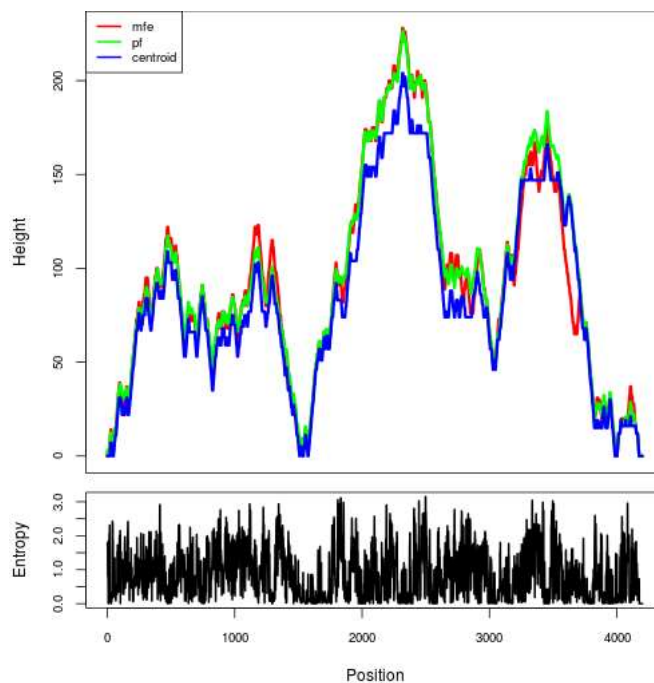


MFE structure drawing encoding positional entropy [[EPS](#) | [PDF](#) | [IMAGE CONVERTER](#) | [VIEW IN FORNA](#)]

Centroid structure drawing encoding positional entropy [[EPS](#) | [PDF](#) | [IMAGE CONVERTER](#) | [VIEW IN FORNA](#)]

Here you find a mountain plot representation of the MFE structure, the thermodynamic ensemble of RNA structures, and the centroid structure. Additionally we present the positional entropy for each position. Download as [[EPS](#) | [PDF](#) | [IMAGE CONVERTER](#)].



Results have been computed using RNAfold 2.4.18. An equivalent command line call would have been
 RNAfold -p -d2 --noLP < [sequence1.fa](#) > [sequence1.out](#)

RNA parameters are described in

Mathews DH, Disney MD, Childs JL, Schroeder SJ, Zuker M, Turner DH. (2004) Incorporating chemical modification constraints into a dynamic programming algorithm for prediction of RNA secondary structure. *Proc Natl Acad Sci U S A* 101(19):7287-92.

If you find these results helpful for your work you may want to cite:



Gruber AR, Lorenz R, Bernhart SH, Neuböck R, Hofacker IL.
The Vienna RNA Website. *Nucleic Acids Research*, Volume 36, Issue suppl_2, 1 July 2008, Pages W70-W74, DOI: 10.1093/nar/gkn188

Lorenz, R. and Bernhart, S.H. and Höner zu Siederdisen, C. and Tafer, H. and Flamm, C. and Stadler, P.F. and Hofacker, I.L. "ViennaRNA Package 2.0", *Algorithms for Molecular Biology*, 6:1 page(s): 26, 2011

Warnings produced by RNAfold:

scaling factor 1.805607

free energy = -1492.92