

Supporting information to the manuscript:

Quantifying the relationship between sequence and three-dimensional structure conservation in RNA.

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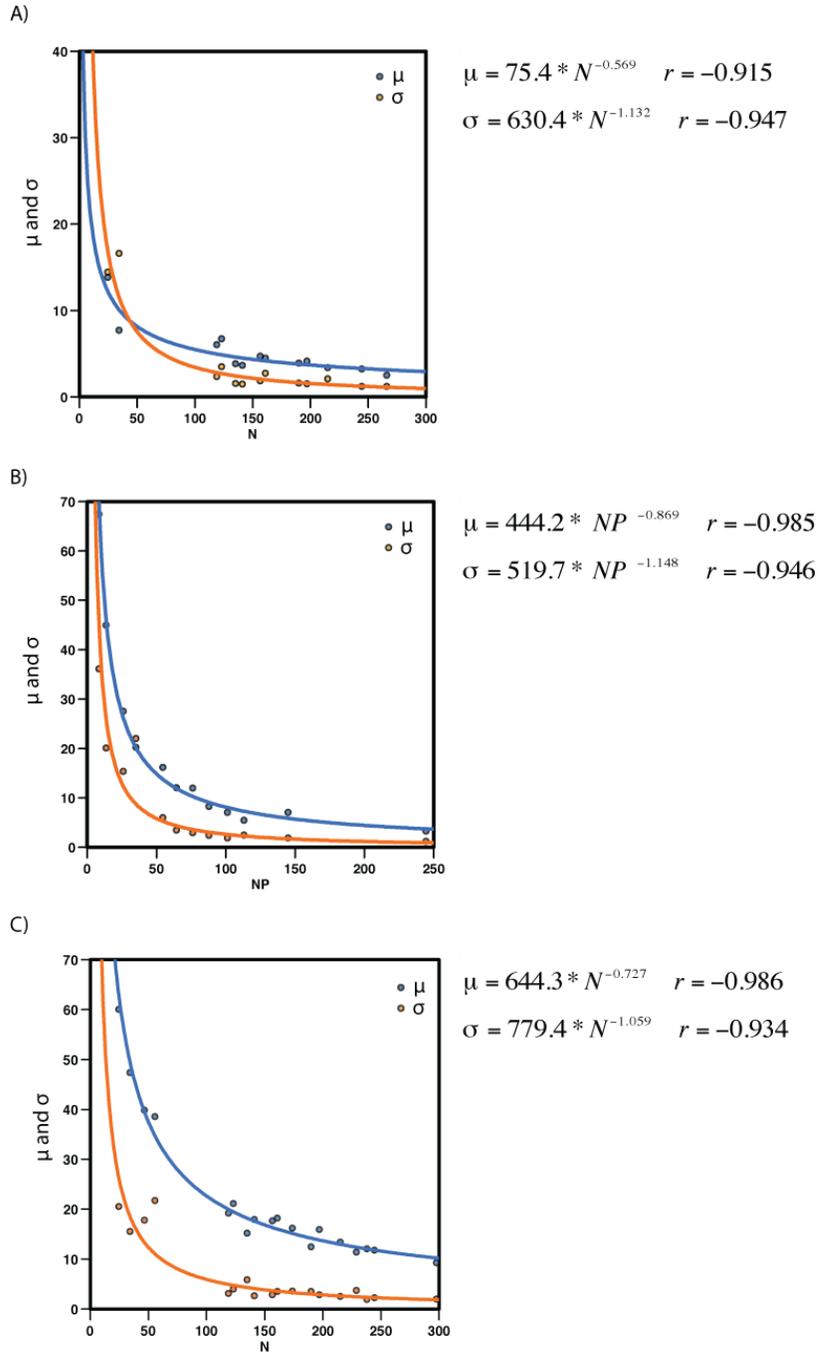


Figure S1. Fitting of the μ and σ values. μ (blue) and σ (orange) parameters for PID, PSS and PSI that best fit an extreme value distribution. The distributions have been calculated using a set of 50,995 alignments between pairs of unrelated RNA (*i.e.*, the NR-RNA09 set). The alignments were binned by the length of the shortest RNA (N) for PID and PSI scores and by the lowest number of base pairs (NP) for the PSS score.

RNA structure datasets:

Dataet	Number of structures	Number of alignments	Dataset file
RNA09	451	101,475	Additional file 2
NR-RNA09	451	50,995	Additional file 3
HA-RNA09	114	589	Additional file 4
