EteRNA: a game to design RNA shapes

By playing EteRNA, citizen scientists participate in creating the first large-scale library of synthetic RNA designs.

EteRNA Challenge Puzzles ask you to design RNA sequences that fold up into a target shape on your computer, similar to previous scientific discovery games such as Foldit.

Many of these puzzles could be solved by existing computer programs. So why are you working on them? Two reasons. First, these puzzles provide a crucial training ground that bridges the gap between the tutorials and the Lab. Second, many existing computer programs take a huge amount of time to solve large RNAs, and you are very likely to find better, faster ways.

Read the full, original story: EteRNA