

Abstract

Provided is a method for analyzing a higher-order structure of RNA, the method comprising the steps of: (a) preparing one or a plurality of RNA probes, each comprising an RNA to be analyzed attached to a barcode sequence; (b) contacting the RNA probes and an RNA modification reagent; and (c) detecting a position and a frequency of modified nucleotides in a sequence of the RNA probe obtained in step (b), wherein each of the barcode sequences has a structure that has a reduced reactivity with the RNA modification reagent. The method improves the accuracy of detecting mutations, insertions, and deletions, etc., of a base introduced when carrying out mutation profiling using an RNA library.