ABSTRACT

SINGLE-CELL NUCLEIC ACID ANALYSIS

The present invention provides methods for analysis of genomic DNA and/or RNA from small samples or even single cells. Methods for analyzing genomic DNA can entail whole genome amplification (WGA), followed by preamplification and amplification of selected target nucleic acids. Methods for analyzing RNA can entail reverse transcription of the desired RNA, followed by preamplification and amplification of selected target nucleic acids.

Fig. 1