

## Small RNA Sequencing

Small RNAs are noncoding RNA molecules between 20 to 200 nucleotides in length based on the utilization of NGS technologies for identification of new forms of small RNA and to protect their functions. Applications are small RNA sequencing, cell regulation studies, small RNA clustering, identification and prediction of small RNA. Small noncoding RNAs undergoes gene silencing and post-transcriptional regulation of gene expression. Small RNA sequencing sequences small microRNAs (miRNAs). Small RNA-Seq can find around thousands of small RNA and miRNA sequences with sensitivity to discover novel miRNAs and other small noncoding RNAs with differential expression of small RNAs in any sample. It is easy for single-base resolutions to analyze any small RNA or miRNA without prior sequences or secondary structure information.

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