

Research &
Pharma Solutions

New Small RNA Sequencing Library Preparation Kit



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The previously used library preparation kit NEXTFLEX™ Small RNA-Seq Kit v3 was discontinued by the manufacturer and replaced with the NEXTFLEX™ Small RNA-Seq Kit v4. This version upgrade, however, brought along significant changes. Hence, we tested four different available library preparation kits for small RNA sequencing from various suppliers, including the upgraded version from NEXTFLEX™.

After numerous tests and evaluations of the possible new kits, we chose the QIAseq miRNA Library Kit from Qiagen. This choice ensures the continuity of our Small RNA Sequencing products without affecting the requirements for sample submission, output, or bioinformatics analyses provided.

With our new Small RNA Sequencing library preparation kit, small RNAs and miRNAs in the transcriptome can be sequenced thoroughly, novel small RNAs can be identified, and differential expression analysis of small RNAs can be performed. We are happy to advise you.

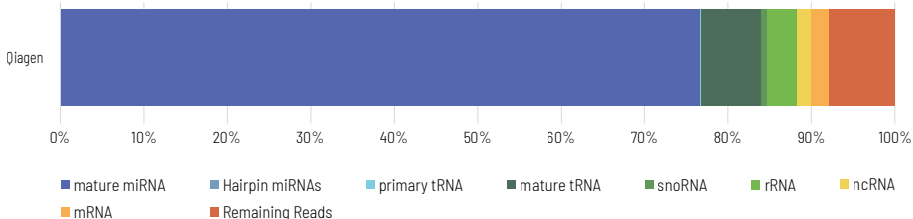


Figure 1 | Small RNA distribution. Most of the detected miRNAs from our example are mature miRNAs, with approximately 77%.