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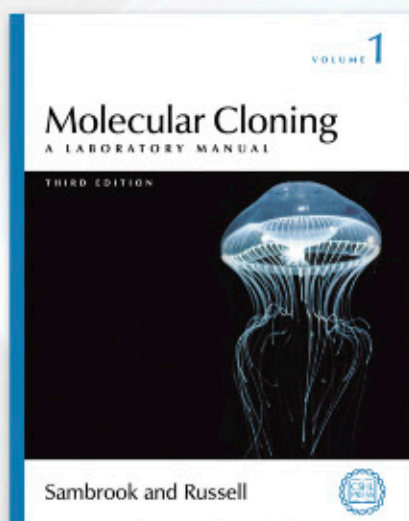
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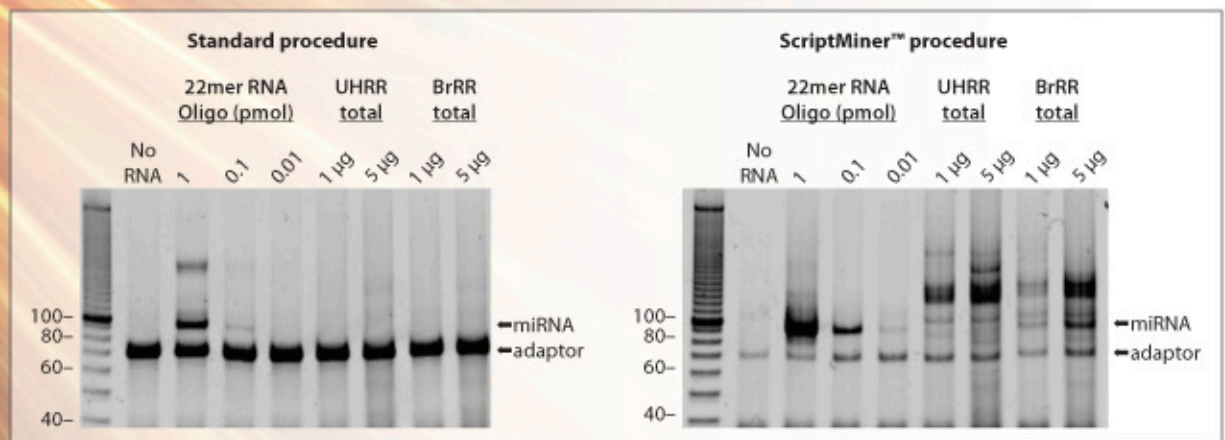
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BrRR	Singleplex	17,272,948	16,823,979	97.40
BrRR	Multiplex	1,384,314	1,380,799	99.75
HeLa	Multiplex	1,560,105	1,555,406	99.70



The ScriptMiner™ procedure substantially reduces adaptor-dimer background. The indicated RNA samples were used to prepare small-RNA libraries, using either a conventional procedure or the ScriptMiner procedure. Samples were examined by denaturing polyacrylamide gel electrophoresis after 12 cycles of PCR. UHRR, Universal Human Reference RNA; BrRR, Brain Reference RNA.

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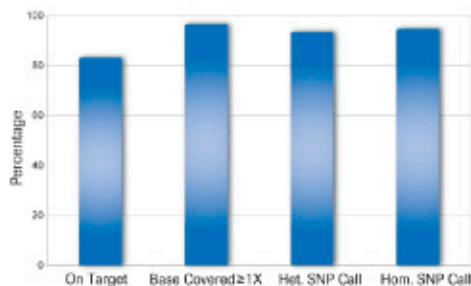




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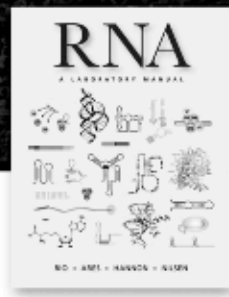
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RNA A LABORATORY MANUAL

By Donald C. Rio, *University of California, Berkeley*; Manual Ares, Jr., *University of California, Santa Cruz*; Gregory J. Hannon, *Cold Spring Harbor Laboratory*; and Timothy W. Nilsen, *Case Western Reserve University School of Medicine*

RNA molecules participate in and regulate a vast array of cellular processes, and the scientific community is now entering a new era in which some aspect of RNA biology—as a tool, a therapeutic, a diagnostic, or part of a fundamental process—is becoming increasingly important. But initiating RNA research can be intimidating, and without a thorough understanding of the challenges and complexities inherent in handling this fragile nucleic acid, forays into the RNA world can be quite frustrating. *RNA: A Laboratory Manual* provides a broad range of up-to-date techniques so that any investigator can confidently handle RNA and carry out meaningful experiments, from the most basic to the most sophisticated. Originating in four of the field's most prominent laboratories and written with novices as well as more advanced researchers in mind, this manual provides the necessary background and strategies for approaching any RNA investigation in addition to detailed step-by-step protocols and extensive tips and troubleshooting information. *RNA: A Laboratory Manual* will enable any researcher to approach a wide variety of RNA-related problems with confidence and a high expectation of success.

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