

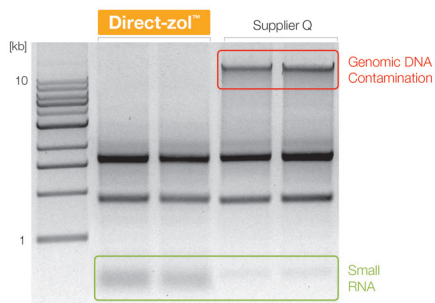
TRIzol® in, RNA out

# Direct-zol™ RNA Purification



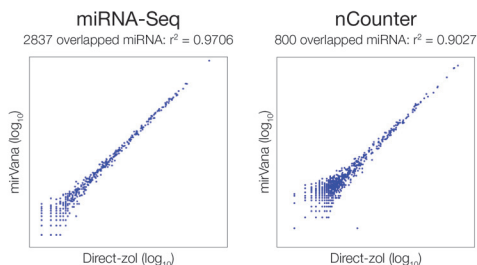
Innovative technology:  
Mix sample in TRIzol®, TRI Reagent®, or similar.  
Add ethanol & load into the Clean-Spin™ column.  
No phase separation, no precipitation, no RNA loss.

## High-quality small & large RNA



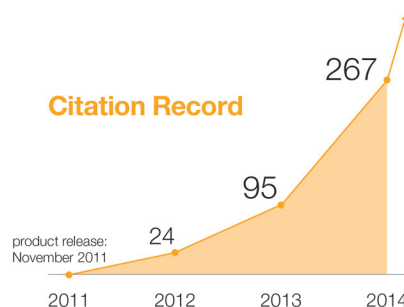
High-quality small and large RNAs are effectively recovered using the Direct-zol™ kit. RNA is DNA-free.

## Non-biased miRNA recovery



The data show RNA purified from TRIzol® samples using the Direct-zol™ RNA MiniPrep compared to an unbiased method (mirVana™, Ambion). Micro-RNA analysis was performed using miRNA-Seq (MiSeq®, Illumina) and a direct hybridization assay (nCounter®, Nanostring).

## Highly cited



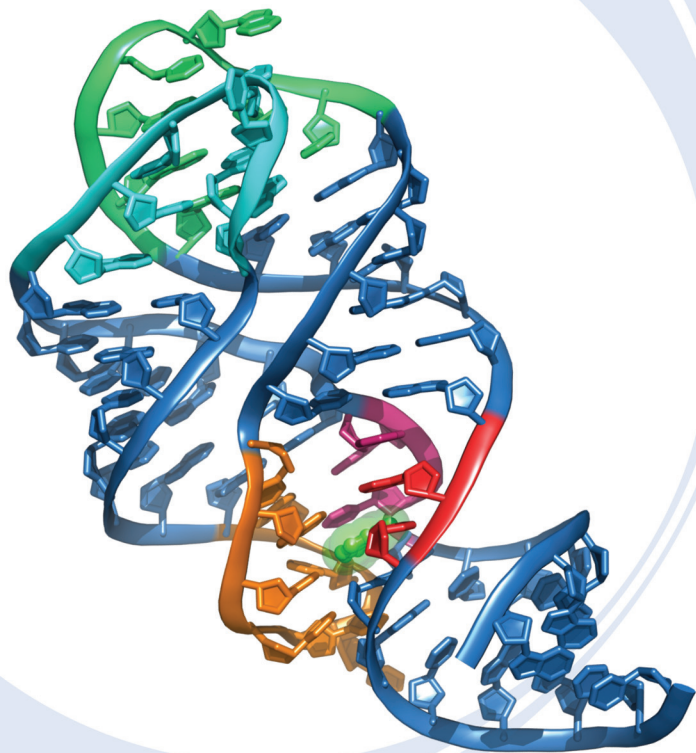
Try it **free** today!



at [zymoresearch.com/direct-zol](http://zymoresearch.com/direct-zol)  
or call (949) 679-1190

| Product                    | Cat. No.                                        | Size                                            |
|----------------------------|-------------------------------------------------|-------------------------------------------------|
| Direct-zol™ RNA MiniPrep   | R2050, R2051*<br>R2052, R2053*                  | 50 Preps.<br>200 Preps.                         |
| Direct-zol™-96 RNA         | R2054, R2055*<br>R2056, R2057*                  | 2 x 96 Preps.<br>4 x 96 Preps.                  |
| Direct-zol™-96 MagBead RNA | R2100, R2101*<br>R2102, R2103*<br>R2104, R2105* | 2 x 96 Preps.<br>4 x 96 Preps.<br>8 x 96 Preps. |

\* = Supplied with TRI Reagent®



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Complete kit for isolating poly (A)<sup>+</sup> mRNA from your samples using magnetic beads.

CATALOG # | 10760013

## MagneZoom™ Oligo (dT)<sub>25</sub>

Magnetic beads for isolating poly (A)<sup>+</sup> mRNA.

CATALOG # | 20160003

## microRNA Purification Kit

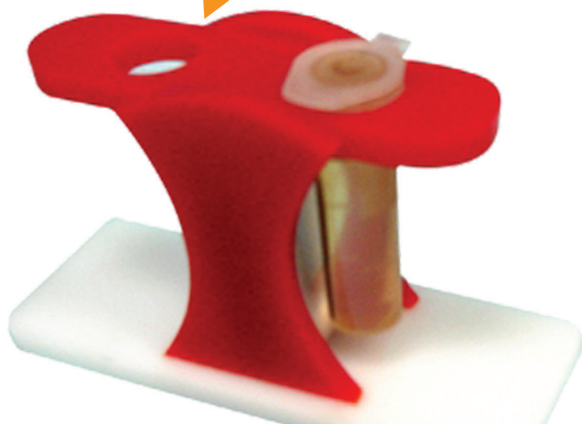
Isolate all small RNAs from your sample including miRNA, siRNA, tRNAs and 5S rRNA.

CATALOG # | 10760068

## MagneZoom™ Paramagnetic Beads Station

CATALOG # | 20160000

*free*

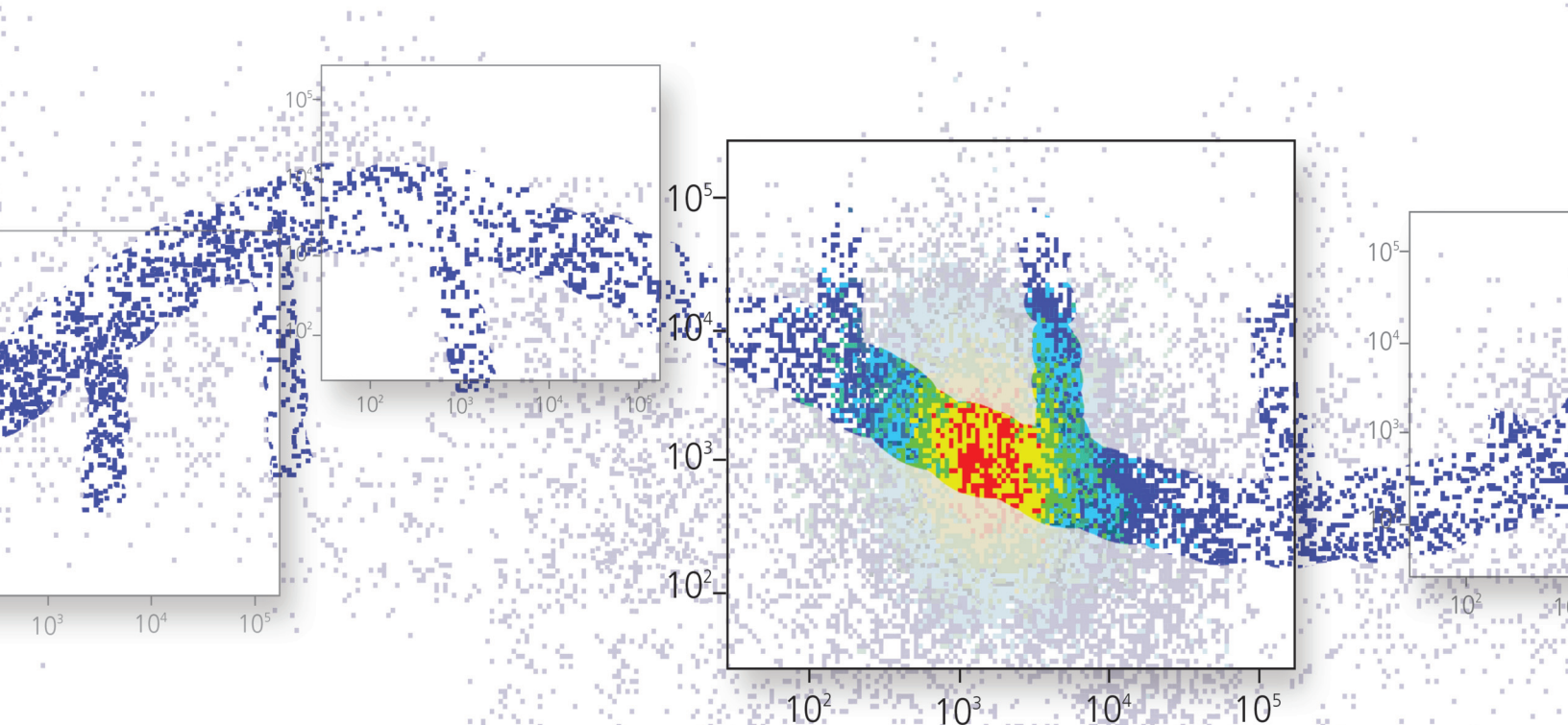


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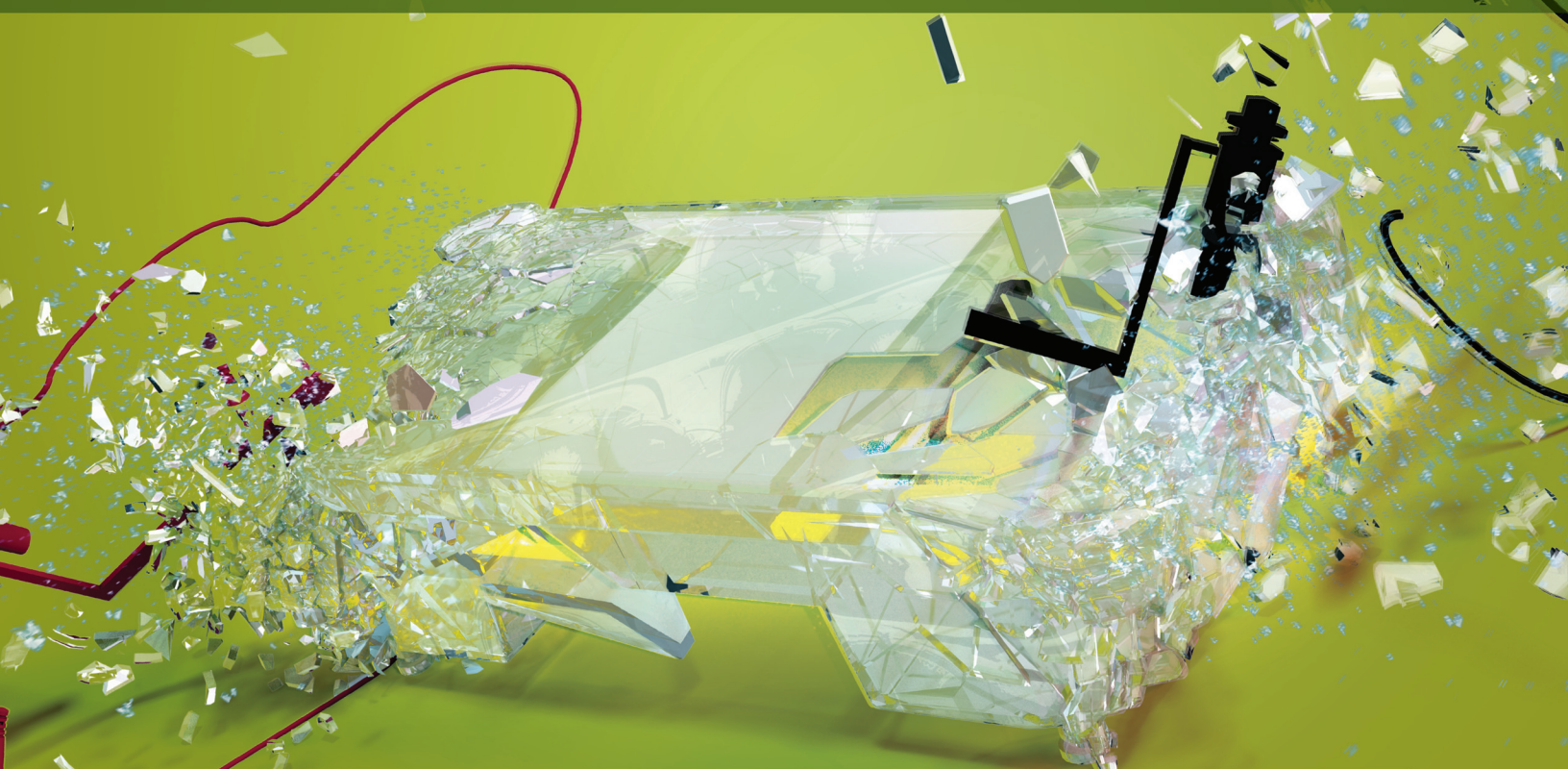
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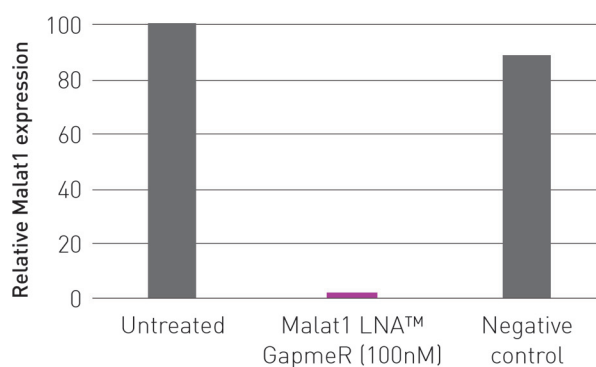
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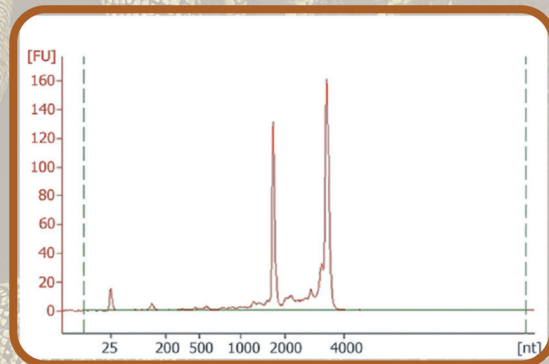
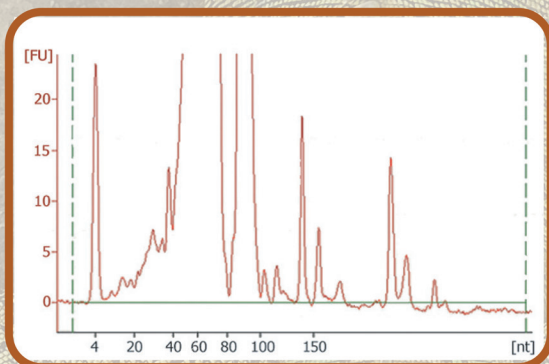
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\* Piotr Chomczynski, US and  
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# Mutant Proteinase K 100mg \$17.00

## Mutant Proteinase K

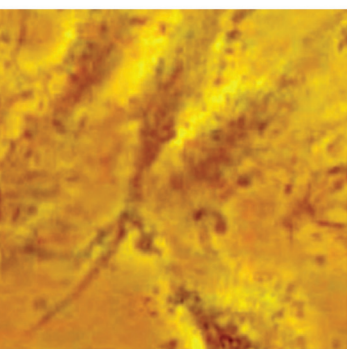
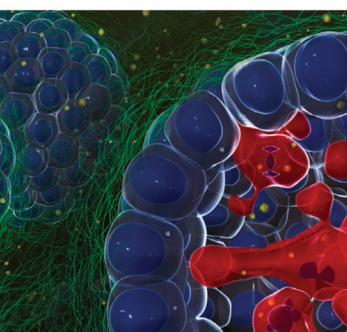
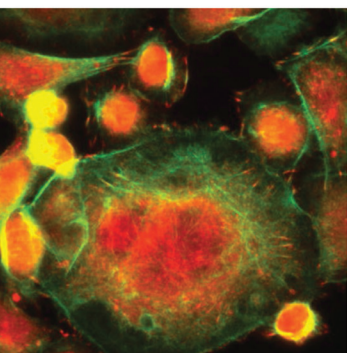
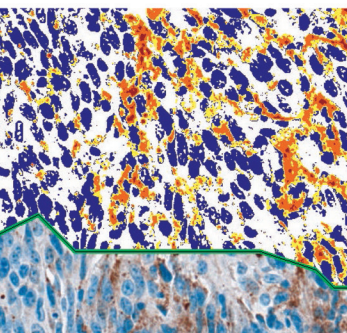
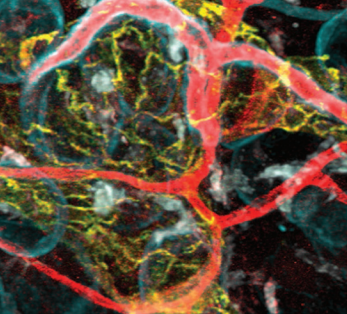
The application of this Mutant Proteinase K is similar with wild type Proteinase K. But this mutant one has higher specific activity and more stable at room temperature. It is a non-specific serine proteinase with broad substrates. It is active over the pH range from 4 to 12. It can be used at any situation to digest native and denatured proteins. For instance, it is used for isolating mRNA or genomic DNA from different tissues and modifying glycoprotein for structure studies. Mutant Proteinase K is active with SDS, urea and EDTA and active between 15°C and 75°C.

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September 24-27, 2015 • Atlanta, GA

**Advances in Breast Cancer Research**  
*Co-Chairpersons: Matthew J. Ellis, Charles M. Perou, and Jane E. Visvader*  
October 17-20, 2015 • Bellevue, WA

**Advances in Ovarian Cancer Research: Exploiting Vulnerabilities**  
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October 17-20, 2015 • Orlando, FL

**Fourth AACR International Conference on Frontiers in Basic Cancer Research**  
*Chairperson: M. Celeste Simon*  
*Co-Chairpersons: James P. Allison, John E. Dick, Nathanael S. Gray, and Victor E. Velculescu*  
October 23-26, 2015 • Philadelphia, PA

**The Basic Science of Sarcomas**  
*Co-Chairpersons: Robert G. Maki, Angelo Paolo Dei Tos, Jonathan A. Fletcher, Lee J. Helman, and Brian A. Van Tine*  
November 3-4, 2015 • Salt Lake City, UT

**AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics**  
*Scientific Committee Co-Chairpersons: Levi A. Garraway, Lee J. Helman, and Jean-Charles Soria*  
November 5-9, 2015 • Boston, MA

**Advances in Pediatric Cancer Research: From Mechanisms and Models to Treatment and Survivorship**  
*Co-Chairpersons: Scott A. Armstrong, Charles G. Mullighan, Kevin M. Shannon, and Kimberly Stegmaier*  
November 9-12, 2015 • Fort Lauderdale, FL

**New Horizons in Cancer Research: Bringing Cancer Discoveries to Patients Shanghai 2015**  
*Co-Chairpersons: Lewis C. Cantley and Carlos L. Arteaga*  
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**Eighth AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved**  
*Co-Chairpersons: John M. Carethers, Marcia R. Cruz-Correa, Mary Jackson Scroggins, Edith A. Perez, Beti Thompson, and Cheryl L. Willman*  
November 13-16, 2015 • Atlanta, GA

**Developmental Biology and Cancer**  
*Co-Chairpersons: Hans Clevers, Stuart Orkin, and Suzanne Baker*  
November 30-December 3, 2015 • Boston, MA

**Tumor Metastasis**  
*Co-Chairpersons: Bruce R. Zetter, Melody A. Swartz, and Jeffrey W. Pollard*  
November 30-December 3, 2015 • Austin, TX

**CSHA/AACR Joint Meeting: Big Data, Computation, and Systems Biology in Cancer**  
*Conference Organizers: Andrea Califano, William C. Hahn, Satoru Miyano, and Xuegong Zhang*  
December 1-5, 2015 • Suzhou, China

**EORTC-NCI-EMA-AACR International Conference on Biomarkers in Cancer Drug Development**  
*Co-Chairpersons: Denis A. Lacombe and John W. Martens*  
December 3-4, 2015 • Brussels, Belgium

**Noncoding RNAs and Cancer**  
*Co-Chairpersons: Howard Y. Chang, Jeannie T. Lee, and Joshua Mendell*  
December 4-7, 2015 • Boston, MA

**San Antonio Breast Cancer Symposium**  
*Co-Directors: Carlos L. Arteaga, Virginia Kaklamani, and C. Kent Osborne*  
December 8-12, 2015 • San Antonio, TX

**AACR-IASLC Joint Conference on Lung Cancer**  
*Chairpersons to be announced*  
January 4-7, 2016 • San Diego, CA

**The Function of Tumor Microenvironment in Cancer Progression**  
*Co-Chairpersons: Raghu Kalluri, Robert A. Weinberg, Douglas Hanahan, and Morag Park*  
January 7-10, 2016 • San Diego, CA

**Patient-Derived Cancer Models: Present and Future Applications from Basic Science to the Clinic**  
*Co-Chairpersons: Manuel Hidalgo, Hans Clevers, S. Gail Eckhardt, and Joan Seoane*  
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**10th AACR-JCA Joint Conference**  
*Co-Chairpersons: Frank McCormick and Tetsuo Noda*  
February 16-20, 2016 • Maui, HI

**AACR Annual Meeting 2016**  
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April 16-20, 2016 • New Orleans, LA

Learn more and register at  
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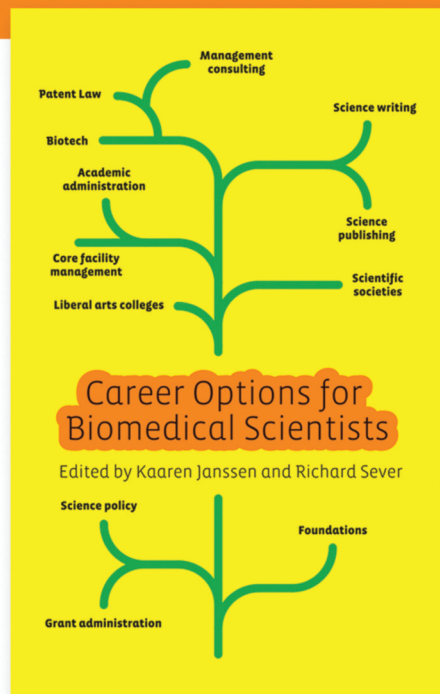
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and Richard Sever, *Cold Spring Harbor Laboratory Press*

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2014, 232 pp., illus. (3 4C, 26 B&W), index

Hardcover \$45

ISBN 978-1-936113-72-9

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