

CAMBRIDGE UNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9781107172166

© Jim Kozubek 2016

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2016

Printed in the United States of America by Sheridan Books, Inc.

A catalogue record for this publication is available from the British Library

Library of Congress Cataloging-in-Publication Data

Names: Kozubek, Jim.

Title: Modern Prometheus : editing the human genome with Crispr-Cas9 / Jim Kozubek, Brigham and Women's Hospital, staff scientist, Department of Neurology Broad Institute of MIT and Harvard.

Description: New York : Cambridge University Press, 2016. |

Includes bibliographical references and index.

Identifiers: LCCN 2016034385 | ISBN 9781107172166 (hardback : alk. paper)

Subjects: LCSH: Gene targeting. | Genomes.

Classification: LCC QH442.3 .K69 2016 | DDC 572.8/77-dc23 LC record available at <https://lcn.loc.gov/2016034385>

ISBN 978-1-107-17216-6 Hardback

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication, and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.

Sections of this book previously appeared in *The Atlantic*, *The Boston Globe* and *Scientific American*.

Between 14 October 2013 and 6 May 2016, Jim Kozubek worked as a staff scientist at the Brigham and Women's Hospital which is affiliated to the Broad Institute of MIT and Harvard. Although the Broad Institute is in Crispr genome editing research, development, and sharing, this book was developed independently of the author's Broad affiliation.