

Making the Cut with CRISPR- Cas9[®]

1-Group Set

**3-D Molecular
Designs**
...where molecules become real™



Version 1.0

3dmoleculardesigns.com

Making the Cut with CRISPR-Cas9®

1-Group Set Contents List

Assembly instructions and activities at

3dmoleculardesigns.com/Teacher-Resources/Making-the-Cut-with-CRISPR-Cas9.htm

Digital Student Modeling Activity at

3dmoleculardesigns.com/OffNav/Making-the-Cut-with-CRISPR-Cas9-Digital-Student-Modeling-Activity.htm



1 Foldable Placemat*

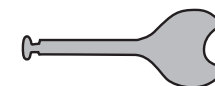
6 White Sticky-Back Cas9 Parts



1 Black Repeat
RNA Piece



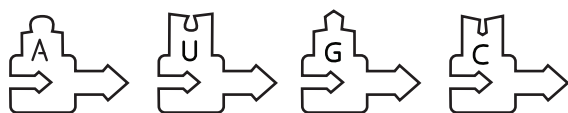
1 Gray
Tetraloop



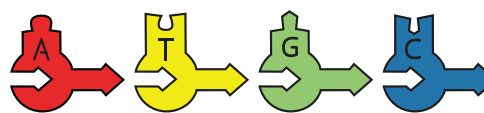
1 Gray Cytosine
Deaminase



2 White
Nuclease Parts



40 Each Purple, Tan and Blue RNA Nucleotides
(10 Each A, U, G and C)



40 Each Red A, Yellow T,
Green G and Blue C Nucleotides



5 Orange tracr
RNA Pieces

*Placemat may be folded in half (with printed side facing out) before applying the sticky-back foam to make storage in the box easier. Or leave the placement flat and store outside of box. See Assembly Instructions for more information.

⚠ WARNING:

CHOKING HAZARD - This product contains small parts and should be kept out of the reach of children under the age of 3, because the parts or their pieces may present a choking hazard.

CAUTION:

This is a science education product, not a toy. It is not intended for children under 8 years old.

⚠ WARNING:

PROPOSITION 65 - This product contains chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.