

# Making the Cut with CRISPR- Cas9<sup>®</sup>

2-Group Set

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



Version 1.0

[3dmoleculardesigns.com](http://3dmoleculardesigns.com)

## Making the Cut with CRISPR-Cas9<sup>®</sup>

### 2-Group Set Contents List

Assembly instructions and activities at

[3dmoleculardesigns.com/Teacher-Resources/Making-the-Cut-with-CRISPR-Cas9.htm](http://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](http://3dmoleculardesigns.com/OffNav/Making-the-Cut-with-CRISPR-Cas9-Digital-Student-Modeling-Activity.htm)



2 Foldable Placemats\*

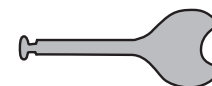
12 White Sticky-Back Cas9 Parts



2 Black Repeat  
RNA Piece



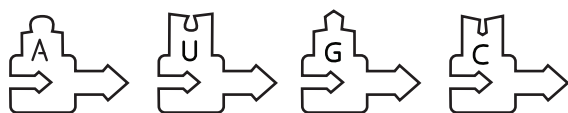
2 Gray  
Tetraloop



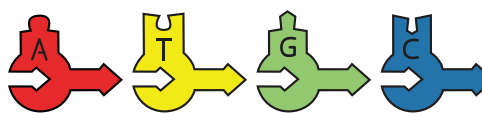
2 Gray Cytosine  
Deaminase



4 White  
Nuclease Parts



80 Each Purple, Tan and Blue RNA Nucleotides  
(20 Each A, U, G and C)



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



10 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](http://www.P65Warnings.ca.gov).