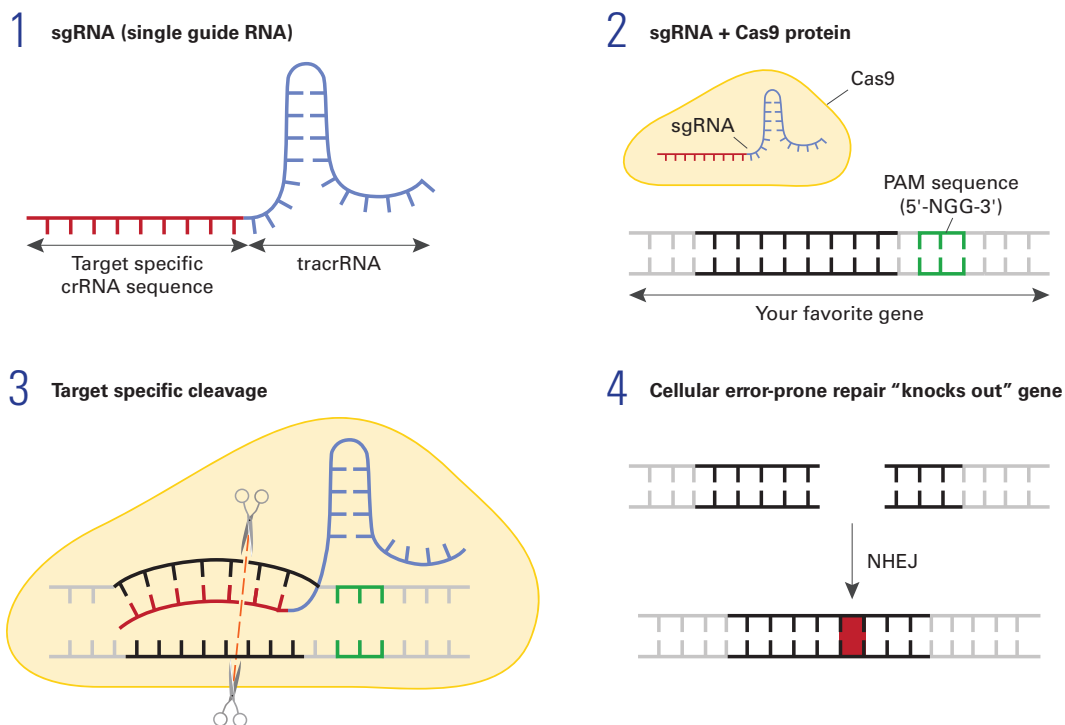


Genome  
Modification  
Products

# Tools for Successful CRISPR/Cas9 Genome Editing

**Guide-it™ products for efficient production, screening, and application of sgRNAs**

CRISPR/Cas9 technology has revolutionized genome editing, allowing a previously unattainable level of genomic targeting, efficiency, and simplicity. The CRISPR/Cas9 system enables site-specific genomic targeting in virtually any organism.



**Figure 1.** The principle of CRISPR/Cas9-mediated gene disruption

**Guide-it kits improve CRISPR/Cas9 experiments by providing streamlined methods for:**

- Producing sgRNAs *in vitro*
- Testing the cleavage efficiency of sgRNAs
- Monitoring the efficiency of genome editing in cultured cells

[Turn over to learn more >>>](#)



### A kit for *in vitro* sgRNA production



The Guide-it sgRNA *In Vitro* Transcription Kit produces high yields of sgRNAs for Cas9/CRISPR studies.

- Produce any sgRNA in less than 3 hours
- Transcribe >4 µg of sgRNA per *in vitro* reaction
- Use the resulting sgRNAs for *in vitro* screening and/or transfection



### A kit for testing sgRNA cleavage efficiency

Use the Guide-it sgRNA Screening Kit to test the efficacy of sgRNAs prior to transfection, increasing the likelihood of successful genome targeting.

- Estimate cleavage efficiency with a highly optimized cleavage assay
- Includes high-quality recombinant Cas9 protein

### A kit for monitoring the efficiency of genome editing

The Guide-it Mutation Detection Kit provides a simple PCR-based technique to identify insertions and/or deletions generated in mammalian cells using CRISPR/Cas9 technology.



- Faster and more efficient than the Surveyor assay—amplify directly from target cells
- Complete kit: Guide-it Resolvase, Terra™ PCR Direct Polymerase, and all necessary buffers are included

Learn more at [www.clontech.com/Guide-it](http://www.clontech.com/Guide-it)

## PRODUCTS

Cat. #	Product	Package Size	Price
631438	Guide-it sgRNA <i>In Vitro</i> Transcription Kit	10 Rxns	\$327.00
631439	Guide-it Complete sgRNA Screening System (contains both 631438 and 631440)	30 Rxns	\$584.00
631440	Guide-it sgRNA Screening Kit	30 Rxns	\$365.00
631443	Guide-it Mutation Detection Kit	100 Rxns	\$428.00

Prices are subject to change without notice. Please check [www.clontech.com](http://www.clontech.com) for current pricing.

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