

## Guide-it™ Indel Identification Kit

<b>Catalog No.</b>	<b>Amount</b>
631444	10 rxns

### Description

The Guide-it Indel Identification Kit is used for characterization of insertions and deletions (indels) generated by gene editing tools, such as CRISPR/Cas9. This kit contains all of the components needed to amplify, clone, and prepare modified target sites for DNA sequence analysis. This kit uses Terra™ PCR Direct to amplify targets directly from crude genomic DNA extracts. The resulting pool of fragments, which may contain a variety of indels, are cloned into a prelinearized pUC19 vector using the In-Fusion® cloning system. Colony PCR of individual clones using Terra PCR Direct followed by DNA sequencing allows indel characterization.

### Package Contents

- Guide-it Indel Identification Components (Cat. No. 631445) (Not sold separately) >>>[View Components](#)
- In-Fusion HD Cloning Kit (Cat. No. 639648) (Not sold separately) >>>[View Components](#)
- NucleoSpin Gel and PCR Clean-Up Kit (Cat. No. 740609.10) (Not sold separately) >>>[View Components](#)
- Stellar™ Competent Cells (Cat. No. 636763) >>>[View Components](#)

For storage conditions, please see the Certificate of Analysis supplied with each component.

### Product Documents

Documents for Clontech® products are available for download at [www.clontech.com/manuals](http://www.clontech.com/manuals)

The following documents apply to this product:

- Guide-it Indel Identification Kit User Manual
- NucleoSpin PCR Clean-Up & Gel Extraction User Manual
- pUC19 Linearized Vector Information

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This document has been reviewed and approved by the Clontech Quality Assurance Department.

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