ClearCut BIOLABS

GENOME EDITING KIT - SIZE: 6 / 35 EDITS*

Super UniGuide

Achieves higher cleavage efficiencies and allows editing of difficult targets.

* For use with S.p. Cas9 and derived variants. Suitable for 6 edits using electroporation or 35 edits using lipofection. Store at -20°C. Avoid freeze thaw cycles. Vortex and centrifuge briefly after thawing.

For research use only. UBMTA applies.

Contact us at: **www.clearcutbiolabs.com** hello@clearcutbiolabs.com

Super UniGuide

Contents

Kit size: 6 / 35 edits*

● **tracrRNA component of gRNA**
2,000 pmol lyophilized modified RNA

● **Buffer A**
20 µl aqueous solution

Quick protocol

1. Centrifuge all tubes briefly before opening to ensure the contents are collected at the bottom.
2. Prepare a 200 µM stock solution by resuspending the ● **tracrRNA** in 10 µl of ● **Buffer A**.
3. Mix with an equal amount of any crRNA (not included in this kit; e.g. 2 µl of 200 µM tracrRNA + 2 µl of 200 µM crRNA).
4. Incubate the resulting mix at 95°C for 2 minutes, then allow to cool at room temperature for 10 minutes to form a functional gRNA.
5. Add gRNA to the tube containing the other genome editing components before delivery.

   Use case suggestion: Use 3 µl gRNA per electroporation (per 1 million cells) or 0.5 µl gRNA per lipofection (per 6-well). Titration in your system of choice might increase efficiency further.

For more information visit:
www.clearcutbiolabs.com/solutions/super-uniguide/