ALT-R™ CRISPR SYSTEM
A COMPLETE WORKFLOW FOR CRISPR PRECISION GENOME EDITING

Alt-R guide RNAs & tools

Alt-R CRISPR-Cas9 design tool & guide RNAs
Guaranteed editing with predesigned chemically modified gRNAs
Predesigned guides
Custom designs
Design checking

Alt-R CRISPR-Cas9 guide RNAs
2-part (crRNA and tracrRNA)
2-part XT (crRNA XT and tracrRNA)
sgRNA (single guide RNA)

Alt-R CRISPR-Cas12a crRNA

Alt-R CRISPR proteins
Optimal editing with high on-target potency and reduced off-target activity
WT Cas9 nuclease • HiFi Cas9 nuclease
Cas9 nickases • dCas9 • Cas12a (Cpf1) nuclease
Cas12a (Cpf1) Ultra nuclease

Alt-R HDR Design Tool & Templates
High HDR rates with modified HDR Donor Oligos
HDR Donor Oligo design
Custom HDR Donor Oligo order
Megamer™ ssDNA Fragments
gBlocks™ Gene Fragments

Alt-R enhancers & controls
Efficient delivery; optimized experiments
Cas9 Electroporation Enhancer and controls
Cas12a Electroporation Enhancer and controls
Alt-R HDR Enhancer

Analysis tools
Simple, fast, T7EI-based assay
Alt-R Genome Editing Detection Kit
Multiplexed, amplicon sequencing for Illumina NGS platforms
rhAmpSeq™ for CRISPR

CUSTOM CRISPR SOLUTIONS
Don’t see what you’re looking for? We are continually expanding our CRISPR product line, and we may have what you need. If you are interested in custom libraries, other CRISPR enzymes, formulations, or other CRISPR tools, email our CRISPR experts today to discuss customized solutions for your research: CRISPR@idtdna.com.

> FOR MORE INFORMATION, VISIT WWW.IDTDNA.COM/CRISPR.

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