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 nickase
- Cas12a (Cpf1) nucleases
- Cas12a (Cpf1) Ultra nuclease

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

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

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

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