BioCat

Catalyze Your Success.

DepleteX

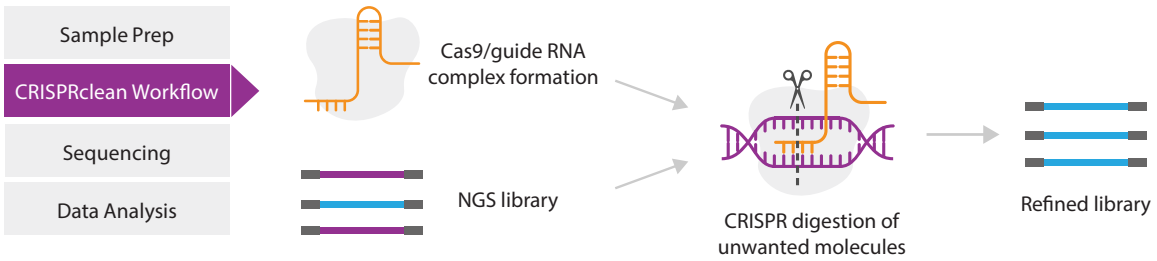
NGS Library Depletion

DepleteX CRISPR-based NGS Library Depletion

Less Noise, More Discovery

CRISPR-based DepleteX technology removes unwanted noise, allowing you to focus on the genetic information that matters most. Advances in genome and transcriptome sequencing have led to unprecedented discoveries in gene function and genetic variation. However, a significant portion of sequencing reads is wasted on over-abundant, repetitive sequences. DepleteX technology leverages the precision of CRISPR/Cas9 to selectively degrade these uninformative sequences in next generation sequencing (NGS) libraries. By eliminating unwanted noise, DepleteX enhances sensitivity, enabling the detection of lower-expressing transcripts and optimizing sequencing power for deeper coverage and improved signal clarity. DepleteX NGS RNA or DNA Library Depletion Kits are available for a wide range of applications, including whole transcriptome profiling, single-cell analysis, microbiome characterization, and infectious disease surveillance. With DepleteX developed by Jumpcode Genomics, you gain clearer insights and more meaningful data from your sequencing efforts.

- Improved sensitivity
- Removed bias
- Greater insights
- Novel signals
- Simple workflow



www.biocat.com/depletex

BioCat GmbH
Technologiepark
Im Neuenheimer Feld 584
D-69120 Heidelberg

Tel.: +49 (0) 6221 71415 16
Fax: +49 (0) 6221 71415 29
E-Mail: info@biocat.com

www.biocat.com

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