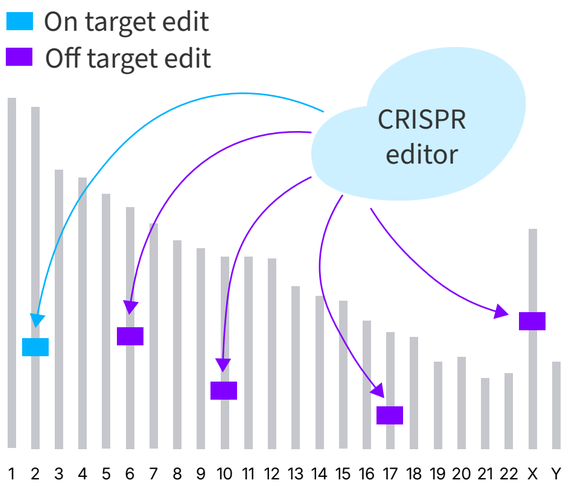
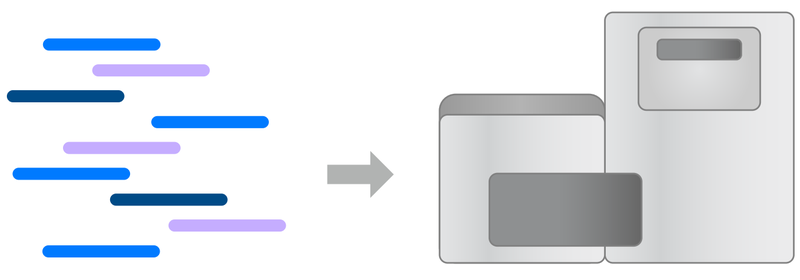
rhAmpSeq™ CRISPR Analysis System: On- and off-target confirmation

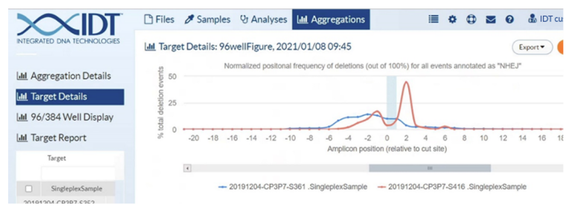
What is rhAmpSeq? A targeted NGS method for measuring mutations at CRISPR on- and off-target edit sites across multiple genomic locations in a single PCR tube. By targeting amplicons to specific regions, it delivers high read depth to uncover nuanced differences within edited cell populations. This approach provides uniform, multiplexed amplification for hundreds of targets in one run.

No bioinformatics expertise required

Lab work/sequencing/analysis = 1 week or less







Step 1: Design & order

Upload your list of on- and off-target CRISPR edit sites into the **rhAmpSeq design tool** for automated library design. We offer **off target nomination** services if you need help.

Step 2: Library prep & sequence

When your custom rhAmpSeq reagents arrive, follow the provided easy steps to build your rhAmpSeq multiplexed amplicon library, then sequence with Illumina-based NGS.

Step 3: Easy analysis

Upload your FASTQ files into the **rhAmpSeq analysis portal** for automated analysis of each edit site.

Edit with confidence. Learn more at **idtdna.com/rhAmpSeq**

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