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🌐 CRISPResso analysis

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Hanqin Li[1], Yogendra Verma[1], Dirk Hockemeyer[1], Frank Soldner[2]

[1]University of California, Berkeley; [2]Albert Einstein College of Medicine

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Devin E Snyder

ABSTRACT

This protocol describes the process of using CRISPResso to analyze Next Generation Sequencing (NGS) data from CRISPR-targeted, genome-edited samples.

COLLECTIONS ⓘ

📋 **Genotyping by next generation sequencing**

KEYWORDS

ASAPCRN

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PARENT PROTOCOLS

Part of collection
Genotyping by next generation sequencing

1 Install CRISPResso2

2 In linux, use the following command:

CRISPResso --fastq_r1 R1_reads.fastq.gz –fastq_r2 R2_reads.fastq.gz --amplicon_seq
amplicon_seqeunce_here -g sgRNA_sequence_here

3 Use CRISPRessoBatch command if having many samples

4 For more details, https://github.com/pinellolab/CRISPResso2

Clement K, Rees H, Canver MC, Gehrke JM, Farouni R, Hsu JY, Cole
MA, Liu DR, Joung JK, Bauer DE, Pinello L (2019). CRISPResso2
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