

Circularization for In vitro Reporting of Cleavage Effects (CIRCLE-seq)

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Abstract

CIRCLE-seq is a sensitive method for selective sequencing of Cas9-cleaved genomic DNA molecules. Briefly, genomic DNA is circularized using a restriction-enzyme independent approach. Successfully circularized molecules are enzymatically selected for by exonuclease treatment and then treated with Cas9-gRNA complex. Only Cas9-linearized molecules can be subsequently ligated to adapters for high-throughput sequencing.

Procedure

Refer to the "attached file with the full procedure":https://www.nature.com/protocolexchange/system/uploads/5611/original/CIRCLE-seq_Supplementary_Protocol.pdf?1493740820

Supplementary Files

This is a list of supplementary files associated with this preprint. Click to download.

- [supplement0.pdf](#)