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Version 1

Library construction for ONT long read cDNA V.1

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corinne blugeon¹

¹genomiqueENS

genomiqueENS



corinne blugeon

genomiqueENS

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Protocol status: Working

We use this protocol and it's working

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Keywords: RNASeq, ONT, long read, read cdna library construction, length rna, rna, library construction for ont, cdna, cdna this protocol, using ont technology, ont technology, ont, phred score, mammalian sample, library construction, successful retrieval, average from mammalian sample, retrieval

Abstract

This protocol details the optimization of long-read cDNA library construction using ONT technology. This method allows for the successful retrieval of at least 2kb on average from mammalian samples. It has been adapted to ONT's latest chemistry 14. Phred scores above 20 can be achieved with near-full-length RNA.

Attachments



Protocole cDNA-non-o...

659KB



CDNA-NON-ORIENTED-

RA...

548KB



Protocol references

Takara Bio USA, Inc. SMART-Seq[®] mRNA

Oxford nanopore technologies ; PCR Expansion ;EXP-PCA001

Oxford nanopore technologies ; cDNA-PCR Sequencing Kit V14 SQK-PCS114