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Version 1

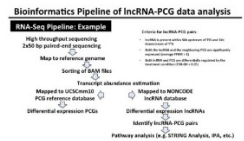
RNA-Seq analysis of long non-coding RNAs and protein-coding gene pairs protocol V.1

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dx.doi.org/10.17504/protocols.io.n2tdgenJulia Yue Cui¹, Cindy Yanfei Li¹¹University of Washington

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Protocol status: Working

We use this protocol and it's working

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Keywords: lncRNA, protein coding gene, liver, RNA-Seq, genomic location of lncrna, analyzing rna, rna, lncrna, coding gene, existing rna, gene expression omnibus, seq dataset, seq data for the expression, seq data, seq analysis, genomic location, pcg pair

Abstract

This protocol described the procedures of analyzing RNA-Seq data for the expression of long non-coding RNAs (lncRNAs) as well as protein-coding genes (PCGs), as well as identifying the genomic location of lncRNAs and lncRNA-PCG pairs. As an example, we used an existing RNA-Seq dataset generated in our laboratory, which were deposited in Gene Expression Omnibus (GEO) database (accession number: GSE101650) and are available to the public.

Attachments



[lncRNA protocol.docx](#)

160KB



1