Dec 21, 2023 Version 2

Visium Direct Mount FFPE v2 -- University of Minnesota TMCs V.2

DOI
https://dx.doi.org/10.17504/protocols.io.kxygx3qpkg8j/v2

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Cellular Senescence Net...

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Protocol status: Working
We use this protocol and it's working

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Abstract

The Visium Spatial Gene Expression for FFPE is designed to measure mRNA in tissue sections derived from formalin fixed & paraffin embedded (FFPE) tissue samples and requires a Visium Spatial slide with intact tissue sections as input.

Tissue sections are processed with Visium Spatial Gene Expression assay performed by the University of Minnesota Imaging Center and sequenced by the University of Minnesota Genomics Center.

Deparaffinization, H&E Staining, Imaging & Decrosslinking

1 CG000409_VisiumSpatialFFPE_De... 3.1MB

Library Preparation & Sequencing

2 CG000407_VisiumSpatialGeneExpr... 6MB

Note

Sequencer: Illumina NovaSeq 6000 using read format 28/10/10/50

FASTQ Generation

3 BCL data from Illumina sequencer is demultiplexed and converted into FASTQ format using bcl2fastq software version 2.20.0