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Version 3

Targeted Expansion Sequencing Protocols V.3

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Anubhav Sinha^{1,2,3}, Yi Cui⁴, Shahar Alon^{1,5,3}, Fei Chen^{6,3}, Asmamaw T. Wassie^{1,7,3}, Ed Boyden^{8,1,7,9,10,11,3}

¹McGovern Institute, MIT; ²Harvard-MIT Program in Health Sciences and Technology;

³Human Tumor Atlas Pilot Project; ⁴Massachusetts Institute of Technology;

⁵Faculty of Engineering, Gonda Brain Research Center and Institute of Nanotechnology, Bar-Ilan University;

⁶Broad Institute of MIT and Harvard; ⁷Department of Biological Engineering, MIT;

⁸Department of Media Arts and Sciences, MIT; ⁹Koch Institute for Integrative Cancer Research, MIT;

¹⁰Howard Hughes Medical Institute; ¹¹Department of Brain and Cognitive Sciences

Ed Boyden: Corresponding author;

NCIHTAN



Anubhav Sinha

MIT

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Protocol status: Working

We use this collection and it's working

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Abstract

This protocol collection accompanies [Expansion Sequencing](#) (ExSeq), covering the four key steps of a targeted Expansion Sequencing (targeted ExSeq) experiment: (1) Padlock probe design; (2) tissue preparation and expansion; (3) library preparation; and (4) *in situ* sequencing with the Illumina chemistry.

For further details, consult the relevant protocols within the collection. These protocols were used to profile human metastatic breast cancer biopsies as a part of the Human Tumor Atlas Pilot Project (HTAPP).

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Materials

See individual protocols for materials.



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Files

 SEARCH

Protocol

NAME

Targeted ExSeq -- Probe Generation

VERSION 2

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Targeted ExSeq -- Tissue Preparation

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Targeted ExSeq -- Sequencing Library Preparation

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Targeted ExSeq -- In Situ Sequencing (Illumina Chemistry)

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Yi Cui
Massachusetts Institute of Technology

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