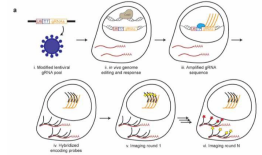


Sep 19, 2024 Version 1

# Perturb-FISHv3 V.1

DOI

[dx.doi.org/10.17504/protocols.io.6qpvr356bvmk/v1](https://dx.doi.org/10.17504/protocols.io.6qpvr356bvmk/v1)



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## Manuscript citation:

Simultaneous CRISPR screening and spatial transcriptomics reveals intracellular, intercellular, and functional transcriptional circuits  
Loïc Binan, Serwah Danquah, Vera Valakh, Brooke Simonton, Jon Bezney, View ORCID ProfileRalda Nehme, Brian Cleary, Samouil L Farhi  
doi: <https://doi.org/10.1101/2023.11.30.569494>

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**Protocol status:** Working

**We use this protocol and it's working**

**Created:** February 23, 2024

**Last Modified:** September 19, 2024

**Protocol Integer ID:** 103529



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## Abstract

This is the 07-21-2024 update version to this protocol protocol describes how the Sami Farhi lab, <https://www.broadinstitute.org/bios/sami-farhi>, carries out Perturb-FISH and was provided by Loïc Binan, <https://sites.broadinstitute.org/opp/people/lo%C3%AFc-binan>. See the author's paper for a wider context of this protocol: <https://doi.org/10.1101/2023.11.30.569494>

Note: This protocol is being connected to part of the NIMH-initiated consortium SSPsyGene:

<https://sspsygene.ucsc.edu/>, SSPsyGene has the aim to functionally characterize the contribution of multiple genes to neurodevelopmental and psychiatric disorders (NPD) resulting in a comprehensive phenotypic catalog.

## Attachments



[perturb FISH protoco...](#)

691KB

## Image Attribution

Image from Fig1 of <https://doi.org/10.1101/2023.11.30.569494>

