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20X Anatomic and Layer Identification for Biocytin Filled Cells

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

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Keywords: 20x, biocytin, indentification, DA0021, reconstruction, layer identification for biocytin filled cell, biocytin filled cell, fluorescent images of dapi, human brain slice, cell, brain region, filled cell, single cell, anatomical location, layer position, fluorescent image, layer identification, dapi,

Abstract

To characterize the orientation, laminar position, and anatomical location of in vitro single cells reconstructed in mouse and human brain slices, a 3-step process is used. Briefly, 20X brightfield and/or fluorescent images of DAPI (4',6-diamidino-2-phenylindole) are annotated to determine layer position and brain region, of biocytin-filled cells.

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Attachments

DOCX

DA0021_20X_Anatomic_...

919KB