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VTA-PnO article

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Protocol status: Working

We use this collection and it's working

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Keywords: pontine gaba pathway, backward locomotion, distal inhibition, vta

Abstract

This collection contains all experimental protocols associated with the manuscript "A VTA–pontine GABA pathway drives backward locomotion via local and distal inhibition".



Files

 SEARCH

Protocol

NAME

Open-Field Video Tracking and Locomotion Classification (DeepLabCut Pipeline)

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Three-Dimensional Neuron Reconstruction from Confocal Z-Stacks (Neurolucida)

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In Vivo Fiber Photometry Recording With Concurrent Optogenetic Stimulation

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VTA and PnO Viral Injections With Optic Fiber Implantation

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Stereotaxic Viral Injections Into VTA and PnO (No Implant)



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In Vivo Opto-Tagging and Extracellular Recording (Acute and Chronic)

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