

Nov 23, 2023

Open field

 [Nature Communications](#)

 In 3 collections

DOI

<https://dx.doi.org/10.17504/protocols.io.6qpvr32r2vmk/v1>

Núria Peñuelas¹, Ariadna Laguna¹, Miquel Vila¹

¹Vall d'Hebron Research Institute

Vilalab Public

Nuria



Miquel Vila

VHIR-CIBERNED-ASAP

Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account

OPEN  ACCESS



DOI: <https://dx.doi.org/10.17504/protocols.io.6qpvr32r2vmk/v1>

External link: <https://doi.org/10.1038/s41467-024-53168-7>

Protocol Citation: Núria Peñuelas, Ariadna Laguna, Miquel Vila 2023. Open field. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.6qpvr32r2vmk/v1>

**Manuscript citation:**

Laguna, A., Peñuelas, N., Gonzalez-Sepulveda, M. *et al.* Modelling human neuronal catecholaminergic pigmentation in rodents recapitulates age-related neurodegenerative deficits. *Nat Commun* **15**, 8819 (2024). <https://doi.org/10.1038/s41467-024-53168-7>

License: This is an open access protocol distributed under the terms of the **Creative Commons Attribution License**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this protocol and it's working

Created: November 22, 2023

Last Modified: November 23, 2023

Protocol Integer ID: 91310

Keywords: open field, field

Abstract

Open field



- 1 Place the mice in a square open field arena of 80 × 80 cm of white methacrylate under brightly lit (300 lux).
- 2 Track the center and the periphery using a tracking software (SMART 3.0 Panlab-Harvard Apparatus).
- 3 Clean the arena every time between animals.