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Dark Light Box

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Protocol status: Working

We use this protocol and it's working



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Abstract

Behavioral test for anxiety-like behaviors in mice.

Materials

- 45 × 20 × 20cm custom box divided into 1/3 dark (covered with lid, <5lux) and 2/3 white (~100lux)
- video recording set up
- cleaning solution



- 1 Set up the dark light box. See materials.
- 2 Place each mouse into the dark compartment before closing the lid and left to explore for 6 minutes.
- 3 Video record each experiments.
- 4 Manually score for each animal the time in the light box as well as the number of times the mouse entered the light box.