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Bedding Test

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Protocol status: Working

We use this protocol and it's working



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Abstract

Used to assess nigrostriatal sensorimotor function in mice. Based on the Deacon 2006 protocol.

Materials

Cotton nestlets

Troubleshooting



- 1 Transfer the mice as single cage into a "Green line" cage (Techniplast, USA).
- 2 Provide few pellet of food (Standard diet, SDS, R1/CRM/R3) (around 2-3 pellets for a total of 5g) as well as water ad libitum.
- 3 Place a 5 × 5 cm cellulose paper tissue folded in the right corner of the cage.
- 4 Place the cage in a ventilated rack with temperature, humidity and light control for 48h.
- 5 At the end of the 48h check the animal cage and take a picture.
- 6 Score the bedding as follow:
 0. The mice did not touch the paper square.
 1. The mice unfolded the paper square but did not tear it up.
 2. The mice unfolded and started to tore up <10% of the paper square.
 3. The mice tore up the paper square <50%
 4. The mice tore up the paper square, but the bedding is not perfect.
 5. Perfect bedding

Protocol references

Deacon, Robert MJ. "Assessing nest building in mice." *Nature protocols* 1.3 (2006): 1117-1119.