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Open field test

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

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Abstract

Open field test can be used to evaluate locomotor activity in rodents.

Troubleshooting

1 Prepare the open field arena.

2 Allow the animal to acclimate to the testing environment for one hour.

3 The mice were placed in the plexiglass chamber (11 × 11 in with clear 8-in high walls) and were allowed to explore for a period of 10 min.

4 The total distance travelled was measured with software Ethovision XT 9.0, Noldus Information Technology, The Netherlands.