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Open field test in rats

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ABSTRACT

Protocol for performing the open field test in rats. The open field test measures spontaneous locomotion during 5-min free exploration of an open field arena (1m x 1m), and can be used to measure hypolocomotion in animal models of Parkinson's disease. Rats with decreased nigrostriatal dopaminergic neurotransmission show decreased mobility during the open field test.

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