

Resource Summary Report

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UC Davis - Running Wheel

DOI:10.17504/protocols.io.yv9fw96

Type: Protocol

Proper Citation

Jennifer Rutkowsky 2019. UC Davis - Running Wheel. protocols.io
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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.yv9fw96>

Authors: Jennifer Rutkowsky

Group: Mouse Metabolic Phenotyping Centers

Summary: Voluntary wheel running provides detailed information on the running capacity and activity patterns of control, treated or mutant mice. Running activity is evaluated from the number of rotations of a stationary wheel detected by sensors attached to running wheel. Running wheel activity provides information regarding when the animal runs, for how long and far, providing temporal and longitudinal data. This system may also be used as a means of providing voluntary exercise in metabolic or exercise based studies.

Affiliations: University of California, Davis

External URL: <https://mmpc.org/shared/document.aspx?id=301&docType=Protocol>

Version: 1

Publication Date: 2019

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