



Apr 18, 2022

# Balance beam assay to detect motor phenotypes in mice

William Hancock-Cerutti<sup>1,2,3,4,5</sup>, Marianna Leonzino<sup>1,2,3,5</sup>,  
Pietro De Camilli<sup>1,2,3,5</sup>

<sup>1</sup>Departments of Neuroscience and of Cell Biology, Yale University School of Medicine, New Haven, Connecticut 06510, USA;

<sup>2</sup>Howard Hughes Medical Institute;

<sup>3</sup>Program in Cellular Neuroscience, Neurodegeneration and Repair, Yale University School of Medicine, New Haven, Connecticut 06510, USA;

<sup>4</sup>Interdisciplinary Neuroscience Program and MD-PhD Program, Yale University School of Medicine, New Haven, Connecticut 06510, USA;

<sup>5</sup>Aligning Science Across Parkinson's (ASAP) Collaborative Research Network, Chevy Chase, MD, 20815

1



[dx.doi.org/10.17504/protocols.io.bp2l618edvqe/v1](https://dx.doi.org/10.17504/protocols.io.bp2l618edvqe/v1)

William Hancock-Cerutti

This protocol describes an assay to detect motor deficits in mice by testing their ability to traverse a thin dowel between towers.

[HC-Protocol-BalanceBeam.docx](#)

DOI

[dx.doi.org/10.17504/protocols.io.bp2l618edvqe/v1](https://dx.doi.org/10.17504/protocols.io.bp2l618edvqe/v1)

William Hancock-Cerutti, Marianna Leonzino, Pietro De Camilli 2022. Balance beam assay to detect motor phenotypes in mice. **protocols.io**  
<https://dx.doi.org/10.17504/protocols.io.bp2l618edvqe/v1>



protocol ,

Apr 17, 2022

Apr 18, 2022

60896