Resource Summary Report

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High-Density Penetrating Microelectrode Recordings from Anesthetized Feline Dorsal Root Ganglia

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Proper Citation

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Protocol Information

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Authors: Zachariah Sperry, Kyounghwan Na, Mihaly Vöröslakos, Saman Parizi, James Jun, Tim M. Bruns, Euisik Yoon, John P. Seymour

Group: SPARC

Summary: Dorsal root ganglia (DRG) are components of spinal roots containing sensory cell bodies, and hold significant promise as neural recording sites for sensory neuroprostheses.This protocol details the fabrication and use of a high-density flexible polyimide electrode array into the sacral DRG of an anesthetized feline for neural recordings.

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