Resource Summary Report

Generated by dkNET on Apr 28, 2025

Falcon

RRID:SCR_023199

Type: Tool

Proper Citation

Falcon (RRID:SCR_023199)

Resource Information

URL: https://bitbucket.org/kloostermannerflab/

Proper Citation: Falcon (RRID:SCR_023199)

Description: Open source software tool for closed loop neuroscientific experiments capable of sub-millisecond response latency over high-rate streaming data acquired from high-count multi-electrode arrays. Used for processing and controlling closed-loop neuroscience data.

Resource Type: software toolkit, software resource

Defining Citation: DOI:10.1088/1741-2552/aa7526

Keywords: OpenBehavior, processing and controlling closed-loop data, implementing closed loop neuroscience experiments, high rate streaming data, high count multi electrode arrays, neuroscience data

Funding:

Availability: Free, Freely available

Resource Name: Falcon

Resource ID: SCR_023199

Alternate URLs: https://edspace.american.edu/openbehavior/project/falcon/

Record Creation Time: 20230128T050204+0000

Record Last Update: 20250426T060927+0000

Ratings and Alerts

No rating or validation information has been found for Falcon.

No alerts have been found for Falcon.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Souza-Borges CH, et al. (2024) De novo assembly and characterization of a highly degenerated ZW sex chromosome in the fish Megaleporinus macrocephalus. GigaScience, 13.

Lu Y, et al. (2024) Whole-genome sequencing of the invasive golden apple snail Pomacea canaliculata from Asia reveals rapid expansion and adaptive evolution. GigaScience, 13.

Lax C, et al. (2024) Symmetric and asymmetric DNA N6-adenine methylation regulates different biological responses in Mucorales. Nature communications, 15(1), 6066.

Li J, et al. (2024) Chromosome-level genome assembly and annotation of rare and endangered tropical bivalve, Tridacna crocea. Scientific data, 11(1), 186.

Gu H, et al. (2023) Evolution, Inheritance, and Strata Formation of the W Chromosome in Duck (Anas platyrhynchos). Genome biology and evolution, 15(11).