

Resource Summary Report

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Intrinsic Physiology Feature Extractor

RRID:SCR_028075

Type: Tool

Proper Citation

Intrinsic Physiology Feature Extractor (RRID:SCR_028075)

Resource Information

URL: <https://ipfx.readthedocs.io/>

Proper Citation: Intrinsic Physiology Feature Extractor (RRID:SCR_028075)

Description: Software Python package for computing intrinsic cell features from electrophysiology data. Used to compute intrinsic cell features from intracellular electrophysiology data.

Abbreviations: IPFX

Synonyms: Allen Intrinsic Physiology Feature Extractor (IPFX)

Resource Type: software toolkit, software resource

Keywords: compute intrinsic cell features, intracellular electrophysiology data,

Availability: Free, Available for download, Freely available

Resource Name: Intrinsic Physiology Feature Extractor

Resource ID: SCR_028075

Alternate URLs: <https://github.com/alleninstitute/ipfx>

License: 2-clause BSD license

Record Creation Time: 20260314T064515+0000

Record Last Update: 20260810T040936+0000

Ratings and Alerts

No rating or validation information has been found for Intrinsic Physiology Feature Extractor.

No alerts have been found for Intrinsic Physiology Feature Extractor.

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 [RRID](#) .

Liu XP, et al. (2026) Morphoelectric Diversity and Specialization of Neuronal Cell Types in the Primate Striatum. bioRxiv : the preprint server for biology.

Mandge D, et al. (2026) eFEL: electrophysiology feature extraction library. Bioinformatics (Oxford, England), 42(6).

Ben-Shalom R, et al. (2026) Accurately fitting biophysical neuron models to experimental voltage data enabled by meta-learning. Research square.

Alam S, et al. (2026) A neuron type-specific microexon in Ank3/ankyrin-G modulates calcium activity and neuronal excitability. Nature communications, 17(1).

Ladd A, et al. (2022) Scaling and Benchmarking an Evolutionary Algorithm for Constructing Biophysical Neuronal Models. Frontiers in neuroinformatics, 16, 882552.