Resource Summary Report

Generated by NIF on Sep 16, 2026

Patchmaster

RRID:SCR_000034
Type: Tool

Proper Citation

Patchmaster (RRID:SCR_000034)

Resource Information

URL: http://www.heka.com/products/products_main.html#soft_pm

Proper Citation: Patchmaster (RRID:SCR_000034)

Description: Multi-channel data acquisition software. Multi-channel stimulation/acquisition software with programmable experiment control and automation, software Lock-in amplifier and Photometry/Imaging extension. PATCHMASTER supports all HEKA amplifiers and data acquisition hardware.

Synonyms: PATCHMASTER

Resource Type: data acquisition software, data processing software, software application, software resource

Keywords: HEKA, HEKA amplifiers and data acquisition hardware support,

Availability: Restricted

Resource Name: Patchmaster

Resource ID: SCR_000034

Alternate IDs: SciRes_000168

License: Commercial license

Record Creation Time: 20220129T080159+0000

Record Last Update: 20260912T195501+0000

Ratings and Alerts

No rating or validation information has been found for Patchmaster.

No alerts have been found for Patchmaster.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 155 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Inoshita T, et al. (2026) Increased reluctant vesicles underlie synaptic depression by GPR55 in axon terminals of rat cerebellar Purkinje cells. eLife, 14.

Cordeiro S, et al. (2026) Natural xanthones as ?-Mangostin induce vasorelaxation involving key gating residues in the S6 domain of BK channels. eLife, 14.

Contreras J, et al. (2026) Scn2a, encoding Na V 1.2 channel, contributes to tonotopic maturation of spike kinetics in developing mouse MNTB. Frontiers in cellular neuroscience, 20, 1819425.

Handlin LJ, et al. (2026) Sequential membrane remodeling by cholesterol distinctly modulates HCN channels in naïve and neuropathic DRG neurons. The Journal of general physiology, 158(3).

Cañizares Luna M, et al. (2025) Protocol for generating and using human iPSC-derived microglia-containing air-liquid-interface cortical organoid cultures. STAR protocols, 6(3), 103915.

Seo J, et al. (2025) Acquisition phase-specific contribution of climbing fiber transmission to cerebellum-dependent motor memory in mice. eLife, 13.

Lin KH, et al. (2025) Number and relative abundance of synaptic vesicles in functionally distinct priming states determine synaptic strength and short-term plasticity. The Journal of physiology.

Zhang J, et al. (2025) The transcription factor ZFP64 promotes activity-dependent synapse elimination during postnatal cerebellar development. iScience, 28(6), 112746.

Baccini G, et al. (2025) Parvalbumin expression identifies subicular principal cells with high projection specificity. Cell reports, 44(8), 116004.

Delvendahl I, et al. (2025) MicroRNA-138-5p suppresses excitatory synaptic strength at the cerebellar input layer. The Journal of physiology, 603(10), 3161.

Seo J, et al. (2025) Temporal dynamics of Purkinje cell-intrinsic excitability governs cerebellar systems consolidation. iScience, 28(11), 113760.

Much C, et al. (2025) Distinct specificity and functions of PRC2 subcomplexes in human stem cells and cardiac differentiation. Molecular cell, 85(16), 3057.

Stojanovic S, et al. (2025) Rebound Bursting Selectively Enables Fast Dynamics in Dopamine Midbrain Neurons Projecting to the Dorsolateral Striatum. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(44).

Tóth BI, et al. (2025) Direct modulation of TRPM8 ion channels by rapamycin and analog macrolide immunosuppressants. eLife, 13.

Milanick W, et al. (2025) Presynaptic ?2?s specify synaptic gain, not synaptogenesis, in the mammalian brain. Neuron, 113(12), 1886.

Thoreson WB, et al. (2025) The architecture of invaginating rod synapses slows glutamate diffusion and shapes synaptic responses. The Journal of general physiology, 157(3).

O'Neill PS, et al. (2025) A deep learning framework for automated and generalized synaptic event analysis. eLife, 13.

Dorrego-Rivas A, et al. (2025) Strikingly different neurotransmitter release strategies in dopaminergic subclasses. eLife, 14.

Tetzlaff SK, et al. (2024) Characterizing and targeting glioblastoma neuron-tumor networks with retrograde tracing. Cell.

Midorikawa M, et al. (2024) Developmental refinement of the active zone nanotopography and axon wiring at the somatosensory thalamus. Cell reports, 43(10), 114770.