

Resource Summary Report

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FreezeFrame

RRID:SCR_014429

Type: Tool

Proper Citation

FreezeFrame (RRID:SCR_014429)

Resource Information

URL: <http://actimetrics.com/products/freeze-frame/>

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Description: A video-based system to detect animal movement in fear conditioning experiments, as well as movements in learned helplessness experiments. FreezeFrame can detect animal movements (as small as 1mm) and actions, including grooming, sniffing, turning, and rearing. It can also collect and process data for learned helplessness experiments, such as Tail Suspension and the Porsolt Forced Swim Test. This software can monitor animals for up to 15 times per second.

Synonyms: FreezeView

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

Keywords: learned helplessness, fear conditioning, animal, movement, video system

Availability: Public, Commercial

Resource Name: FreezeFrame

Resource ID: SCR_014429

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260912T195816+0000

Ratings and Alerts

No rating or validation information has been found for FreezeFrame.

No alerts have been found for FreezeFrame.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 508 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Liu J, et al. (2026) Antidepressant-like effects of extinction learning as an animal model of behavioral therapy. *Molecular psychiatry*, 31(5), 2843.

Kelly TJ, et al. (2026) CB1 receptor signaling at the cingulate-striatal circuit is anxiogenic. *Nature communications*, 17(1).

Midani FS, et al. (2026) Infant gut microbiomes contribute to metabolic states that impact brain function. *bioRxiv : the preprint server for biology*.

Taylor WW, et al. (2026) Ensembles and engrams in mouse cortical and sub-thalamic brain regions supporting context and memory recall. *Neurobiology of learning and memory*, 223, 108128.

Van Alstyne M, et al. (2026) Polyserine domains are toxic and exacerbate tau pathology in mice. *Proceedings of the National Academy of Sciences of the United States of America*, 123(1), e2527425122.

Krattli RP, et al. (2026) Comparing Functional Consequences of Human iPSC-Microglia and Neural Stem Cell-Derived Extracellular Vesicles in Mitigating Cognitive Decline in Alzheimer's Disease. *Aging cell*, 25(1), e70341.

Kim CS, et al. (2026) Effects of post-stress corticosterone on hippocampal excitability and behavior involving hyperpolarization-activated cation channel 1 function. *Translational psychiatry*, 16(1), 74.

Kim SH, et al. (2026) Remodeling synaptic connections via engineered neuron-astrocyte interactions. *Nature communications*, 17(1).

Brown B, et al. (2026) Temporal- and sex-specific changes in proteasome-dependent and independent polyubiquitination in the amygdala during fear memory formation. *Learning & memory (Cold Spring Harbor, N.Y.)*, 33(4).

Goswamee P, et al. (2026) Dynamic representations of valence in anterior cingulate cortex in mice. *Cerebral cortex (New York, N.Y. : 1991)*, 36(5).

Shao Y, et al. (2026) Subicular Astrocytes Govern Seizure-Impaired Fear Memory. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(7), e10818.

Monasterio A, et al. (2026) CA1 Engram Cell Dynamics Before and After Learning. *bioRxiv : the preprint server for biology*.

Loomba N, et al. (2026) Endocannabinoid modulation of defensive state transitions to innate and learned threat. *Psychopharmacology*, 243(2), 325.

Barcelon E, et al. (2026) Midbrain PAG Astrocytes Modulate Mouse Defensive and Panic-Like Behaviors. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(19), e06062.

Luong DT, et al. (2026) PPAR-Delta Agonist Therapies Did Not Rescue Hallmark Disease Phenotypes in Two Sets of Preclinical Trials in ALS TDP-43 and C9orf72 Model Mice. *International journal of molecular sciences*, 27(4).

Adler D, et al. (2026) Functional border-associated macrophages limit Alzheimer's Disease progression. *bioRxiv : the preprint server for biology*.

Iqbal J, et al. (2026) A prelimbic molecular clock of protein synthesis for memory persistence. *bioRxiv : the preprint server for biology*.

Collins NJ, et al. (2026) Maternal separation increases anxiety-like phenotypes, fear responses, and alters Bdnf methylation in a predator odor exposure model of early life adversity. *Neurobiology of stress*, 43, 100825.

Ito W, et al. (2026) Affiliation in mice induced by an auditory-conditioned stimulus. *bioRxiv : the preprint server for biology*.

Tabor GT, et al. (2026) Inducible deletion of DGAT1 and 2 from microglia exacerbates neurodegeneration and endolysosomal lipid accumulation in male PS19 mice. *Cell reports*, 45(1), 116841.