

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 processing software, software application, software resource, data acquisition software

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: 20260731T042919+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 486 mentions in open access literature.

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

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.

Ouellette A, et al. (2025) Evaluation of hippocampal DLGAP2 overexpression on cognition, synaptic function, and dendritic spine structure in a translationally relevant AD mouse model. *bioRxiv : the preprint server for biology*.

Moreira-Silva D, et al. (2025) Amylin exacerbates tau pathology in the visual cortex of diabetic mice by impairing lysosomal activity. *Genes & diseases*, 12(5), 101602.

Kincaid S, et al. (2025) Increasing H2B Monoubiquitination Improves the Transcriptome and Memory in the Aged Hippocampus. *eNeuro*, 12(4).

Srivastava S, et al. (2025) Glutamatergic lateral habenula neurons modulate consolidation of associative memories. *Frontiers in behavioral neuroscience*, 19, 1646689.

Kincaid S, et al. (2025) Increased DNA methylation of Igf2 in the male hippocampus regulates age-related deficits in synaptic plasticity and memory. *Brain research bulletin*, 230, 111509.

Sansalone L, et al. (2025) Corticonigral projections recruit substantia nigra pars lateralis dopaminergic neurons for auditory threat memories. *Nature communications*, 16(1), 8384.

Wang N, et al. (2025) Neuronal ABCA7 deficiency aggravates mitochondrial dysfunction and neurodegeneration in Alzheimer's disease. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(3), e70112.

Zhang T, et al. (2025) Laparotomy and burst suppression-inducing sevoflurane induce subtle long-term changes in anxiety and social behavior in late postnatal mice. *Korean journal of anesthesiology*, 78(4), 382.

Choi J, et al. (2025) Cortical representations of affective pain shape empathic fear in male mice. *Nature communications*, 16(1), 1937.

Chen H, et al. (2025) The Hao-Fountain syndrome protein USP7 regulates neuronal connectivity in the brain via a novel p53-independent ubiquitin signaling pathway. *Cell*

reports, 44(2), 115231.

Smith HC, et al. (2025) Tracking Conditioned Fear in Pair-Housed Mice Using Deep Learning and Real-Time Cue Delivery. *bioRxiv : the preprint server for biology*.

Sonn JY, et al. (2025) MeCP2 interacts with the super elongation complex to regulate transcription. *Science advances*, 11(48), eadt5937.

Chen Y, et al. (2025) Genetic variation in the Nr1d1 transcription factor binding site shapes metabolism-related protein networks associated with cognitive resilience in an Alzheimer's disease mouse reference panel. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(11), e70896.

Saternos HC, et al. (2025) Muscarinic acetylcholine receptor 3 localized to primary endothelial cilia regulates blood pressure and cognition. *Scientific reports*, 15(1), 3745.

Dallera CA, et al. (2025) 3,3'-Diindolylmethane improves pathology and neurological outcome following traumatic brain injury. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 22(2), e00531.

Feng X, et al. (2025) A Novel Mouse Model Unveils Protein Deficiency in Truncated CDKL5 Mutations. *Neuroscience bulletin*, 41(5), 805.

Kawatani K, et al. (2025) Cerebrovascular p16INK4A expression induces cerebral small vessel disease-related phenotypes. *Acta neuropathologica communications*, 13(1), 171.

Golbabaie A, et al. (2025) Neurogenesis-dependent transformation of hippocampal memory traces during systems consolidation. *bioRxiv : the preprint server for biology*.