

Resource Summary Report

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VideoMot2

RRID:SCR_014334

Type: Tool

Proper Citation

VideoMot2 (RRID:SCR_014334)

Resource Information

URL: <http://www.tse-systems.com/products/behavior/videotracking/videomot2.htm>

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Description: A video tracking system that takes automated recordings and analyzes animal activity through various arena and maze systems. It can track multiple arenas using one camera, and an unlimited number of zones of interest can be generated for performing spatial analyses or controlling data acquisition. Features include 3-point detection, 3D measurements, access to raw data, and reanalysis of tracking data.

Synonyms: TSE VideoMot2

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

Keywords: video tracking system, data acquisition software, mouse, behavior, behavioral analysis

Availability: Warranty available

Resource Name: VideoMot2

Resource ID: SCR_014334

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260811T043500+0000

Ratings and Alerts

No rating or validation information has been found for VideoMot2.

No alerts have been found for VideoMot2.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 97 mentions in open access literature.

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

Gisa V, et al. (2025) Role of Compensatory miRNA Networks in Cognitive Recovery from Heart Failure. *Non-coding RNA*, 11(3).

Chen Y, et al. (2025) Macrophage-derived CTSS drives the age-dependent disruption of the blood-CSF barrier. *Neuron*, 113(7), 1082.

Kaurani L, et al. (2024) Regulation of Zbp1 by miR-99b-5p in microglia controls the development of schizophrenia-like symptoms in mice. *The EMBO journal*, 43(8), 1420.

Fischer C, et al. (2024) Brain region specific regulation of anandamide (down) and sphingosine-1-phosphate (up) in association with anxiety (AEA) and resilience (S1P) in a mouse model of chronic unpredictable mild stress. *Pflugers Archiv : European journal of physiology*, 476(12), 1863.

Myint SLL, et al. (2024) Nasal Delivery of Asiatic Acid Ameliorates Scopolamine-Induced Memory Dysfunction in Mice. *Advances in pharmacological and pharmaceutical sciences*, 2024, 9941034.

Nunes LGA, et al. (2024) Selenoprotein I is indispensable for ether lipid homeostasis and proper myelination. *The Journal of biological chemistry*, 300(5), 107259.

Islamie R, et al. (2023) Neuroprotective effect of nose-to-brain delivery of Asiatic acid in solid lipid nanoparticles and its mechanisms against memory dysfunction induced by Amyloid Beta1-42 in mice. *BMC complementary medicine and therapies*, 23(1), 294.

Szewczyk A, et al. (2023) The Effect of a Diet Enriched with Jerusalem artichoke, Inulin, and Fluoxetine on Cognitive Functions, Neurogenesis, and the Composition of the Intestinal Microbiota in Mice. *Current issues in molecular biology*, 45(3), 2561.

Delacoux M, et al. (2023) Stressfulness of the design influences consistency of cognitive measures and their correlation with animal personality traits in wild mice (*Mus musculus*). *Animal cognition*, 26(3), 997.

Li F, et al. (2023) Leaky Gut Plays a Critical Role in the Pathophysiology of Autism in Mice by Activating the Lipopolysaccharide-Mediated Toll-Like Receptor 4-Myeloid Differentiation Factor 88-Nuclear Factor Kappa B Signaling Pathway. *Neuroscience bulletin*, 39(6), 911.

Vogel A, et al. (2023) Repetitive and compulsive behavior after Early-Life-Pain associated with reduced long-chain sphingolipid species. *Cell & bioscience*, 13(1), 155.

Sun S, et al. (2022) Progranulin promotes hippocampal neurogenesis and alleviates anxiety-like behavior and cognitive impairment in adult mice subjected to cerebral ischemia. *CNS neuroscience & therapeutics*, 28(5), 775.

Kazkayasi I, et al. (2022) Intranasal metformin treatment ameliorates cognitive functions via insulin signaling pathway in ICV-STZ-induced mice model of Alzheimer's disease. *Life sciences*, 299, 120538.

Kajtna J, et al. (2022) Late-stage rescue of visually guided behavior in the context of a significantly remodeled retinitis pigmentosa mouse model. *Cellular and molecular life sciences : CMLS*, 79(3), 148.

Rauskolb S, et al. (2022) Insulin-like growth factor 5 associates with human A β plaques and promotes cognitive impairment. *Acta neuropathologica communications*, 10(1), 68.

Hecklau K, et al. (2021) The Effects of Selective Inhibition of Histone Deacetylase 1 and 3 in Huntington's Disease Mice. *Frontiers in molecular neuroscience*, 14, 616886.

Bertocchi I, et al. (2021) Voltage-independent GluN2A-type NMDA receptor Ca²⁺ signaling promotes audiogenic seizures, attentional and cognitive deficits in mice. *Communications biology*, 4(1), 59.

Panayotis N, et al. (2021) β -sitosterol reduces anxiety and synergizes with established anxiolytic drugs in mice. *Cell reports. Medicine*, 2(5), 100281.

Szczepankiewicz D, et al. (2021) Transcriptome Changes in Three Brain Regions during Chronic Lithium Administration in the Rat Models of Mania and Depression. *International journal of molecular sciences*, 22(3).

Szewczyk A, et al. (2021) Effect of Lacosamide and Ethosuximide Chronic Treatment on Neural Precursor Cells and Cognitive Functions after Pilocarpine Induced Status Epilepticus in Mice. *Brain sciences*, 11(8).