Resource Summary Report

Generated by dkNET on Aug 14, 2026

DAMSystems308

RRID:SCR_016191
Type: Tool

Proper Citation

DAMSystems308 (RRID:SCR_016191)

Resource Information

URL: https://www.trikinetics.com/

Proper Citation: DAMSystems308 (RRID:SCR_016191)

Description: Data acquisition software for TriKinetics activity monitors. TriKinetics systems quantify animal movement over time, and can be used to measure behaviors such as circadian rhythm, sleep, longevity, social interaction, geotaxis, phototaxis, learning, and drug response in various species.

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

Keywords: movement, research, behavior, measurement, acquisition, software

Availability: Free, Available for download

Resource Name: DAMSystems308

Resource ID: SCR_016191

Alternate URLs:
https://www.trikinetics.com/Downloads/DAMSystem%20Notes%20308.pdf

Record Creation Time: 20220129T080329+0000

Record Last Update: 20260814T042937+0000

Ratings and Alerts

No rating or validation information has been found for DAMSystems308.

No alerts have been found for DAMSystems308.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Carvalhas-Almeida C, et al. (2025) Regulation of Metabolic Rhythms by Glial Clocks. Journal of biological rhythms, 41(1), 7487304251386682.

Webster CP, et al. (2025) RuvBL1/2 reduce toxic dipeptide repeat protein burden in multiple models of C9orf72-ALS/FTD. Life science alliance, 8(2).

Jones JD, et al. (2025) The dorsal fan-shaped body is a neurochemically heterogeneous sleep-regulating center in Drosophila. PLoS biology, 23(3), e3003014.

Putilov AA, et al. (2025) Bimodal Patterns of Locomotor Activity and Sleep in Drosophila: A Model for Their Simulation. Nature and science of sleep, 17, 115.

Zakharenko LP, et al. (2025) Weekday-Weekend Shifts of Light/Dark Regimen Extend Sleep and Lifespan of Drosophila melanogaster. Nature and science of sleep, 17, 3193.

Zakharenko LP, et al. (2024) Two Old Wild-Type Strains of Drosophila melanogaster Can Serve as an Animal Model of Faster and Slower Aging Processes. Insects, 15(5).

Samardžija B, et al. (2024) Transgenic Drosophila melanogaster Carrying a Human Full-Length DISC1 Construct (UAS-hflDISC1) Showing Effects on Social Interaction Networks. Current issues in molecular biology, 46(8), 8526.

Zakharenko LP, et al. (2023) Motus Vita Est: Fruit Flies Need to Be More Active and Sleep Less to Adapt to Either a Longer or Harder Life. Clocks & sleep, 5(1), 98.

Li F, et al. (2023) Modulation of sleep by trafficking of lipids through the Drosophila blood-brain barrier. eLife, 12.

Roach ST, et al. (2023) Sleep deprivation, sleep fragmentation, and social jet lag increase temperature preference in Drosophila. Frontiers in neuroscience, 17, 1175478.

Jones JD, et al. (2023) Regulation of sleep by cholinergic neurons located outside the central brain in Drosophila. PLoS biology, 21(3), e3002012.

Tasman K, et al. (2021) Using radio frequency identification and locomotor activity monitoring to assess sleep, locomotor, and foraging rhythmicity in bumblebees. STAR protocols, 2(2), 100598.

Jin X, et al. (2021) Protocol for Drosophila sleep deprivation using single-chip board. STAR protocols, 2(4), 100827.

Luo Y, et al. (2021) Yeast volatiles double starvation survival in Drosophila. Science advances, 7(20).

Kaldun JC, et al. (2021) Dopamine, sleep, and neuronal excitability modulate amyloid-?-mediated forgetting in Drosophila. PLoS biology, 19(10), e3001412.

Mollá-Albaladejo R, et al. (2021) Behavior Individuality: A Focus on Drosophila melanogaster. Frontiers in physiology, 12, 719038.

Kostadinov B, et al. (2021) Open-source computational framework for studying Drosophila behavioral phase. STAR protocols, 2(1), 100285.

Bedont JL, et al. (2021) Short and long sleeping mutants reveal links between sleep and macroautophagy. eLife, 10.

Klose MK, et al. (2021) Sleep drive reconfigures wake-promoting clock circuitry to regulate adaptive behavior. PLoS biology, 19(6), e3001324.

Odnokoz O, et al. (2021) Mitochondrial Redox Signaling Is Critical to the Normal Functioning of the Neuronal System. Frontiers in cell and developmental biology, 9, 613036.