Resource Summary Report

Generated by ASWG on Aug 6, 2026

TSE Systems: IntelliCage

RRID:SCR_017404
Type: Tool

Proper Citation

TSE Systems: IntelliCage (RRID:SCR_017404)

Resource Information

URL: https://www.tse-systems.com/product-details/intellicage

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Description: Behavior instrument, cage allows for assess to home cage behavior and cognitive performance of up to 16 individual mice or rats separately while they are living in social environment. This unique experimental setup fosters natural social behavior in biologically relevant, enriched but highly standardized home cage context. Minimizes need for handling and human intervention, thereby increasing task validity, data reproducibility and ensuring high level of animal welfare.

Resource Type: instrument resource

Keywords: Automated, behavior, instrument, cage, cognitive, performance, TSE Systems

Availability: Restricted

Resource Name: TSE Systems: IntelliCage

Resource ID: SCR_017404

Alternate URLs: https://www.tse-systems.com/product-details/intellicage

Record Creation Time: 20220129T080335+0000

Record Last Update: 20260801T190604+0000

Ratings and Alerts

No rating or validation information has been found for TSE Systems: IntelliCage.

No alerts have been found for TSE Systems: IntelliCage.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Judd JM, et al. (2026) The 3xTg-AD Mouse Model of Alzheimer's Disease Exhibits Lifelong Reductions in Circulating Choline Despite Adequate Dietary Intake, With Sex-Specific Neuropathological and Behavioral Phenotypes. Aging cell, 25(1), e70330.

Daguano Gastaldi V, et al. (2025) A comprehensive and standardized pipeline for automated profiling of higher cognition in mice. Cell reports methods, 5(3), 101011.

Ritchie TM, et al. (2025) The impact of oral cannabis consumption during pregnancy on maternal spiral artery remodelling, fetal growth and offspring behaviour in mice. EBioMedicine, 114, 105572.

Hindermann M, et al. (2025) Protocol for the preparation, execution, and automated analysis via IntelliR of IntelliCage-based mouse experiments. STAR protocols, 6(4), 104246.

Pu??cian A, et al. (2022) Targeted therapy of cognitive deficits in fragile X syndrome. Molecular psychiatry, 27(6), 2766.

Schroeder S, et al. (2021) Dietary spermidine improves cognitive function. Cell reports, 35(2), 108985.