

# Resource Summary Report

Generated by [ASWG](#) on Aug 2, 2026

## Lick Instance Quantifier Home cage Device

RRID:SCR\_023802

Type: Tool

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### Proper Citation

Lick Instance Quantifier Home cage Device (RRID:SCR\_023802)

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### Resource Information

**URL:** [https://github.com/nickpetersen93/LIQ\\_HD](https://github.com/nickpetersen93/LIQ_HD)

**Proper Citation:** Lick Instance Quantifier Home cage Device (RRID:SCR\_023802)

**Description:** Arduino code, 3D print design files, and tutorial video on how to build LIQ HD system. Open source tool for recording undisturbed two-bottle drinking behavior in home cage environment. All designs and software are open source to allow other researchers to build on the system and adapt LIQ HD to their animal home cages.

**Abbreviations:** LIQ HD

**Synonyms:** , LIQ HD system, LIQ HD: Lick Instance Quantifier Home cage Device

**Resource Type:** source code, software resource, instrument resource

**Defining Citation:** [PMID:36997312](#)

**Keywords:** OpenBehavior, LIQ HD system, recording behavior, undisturbed two-bottle drinking behavior,

**Availability:** Free, Available for upload, Freely available

**Resource Name:** Lick Instance Quantifier Home cage Device

**Resource ID:** SCR\_023802

**Alternate URLs:** <https://edspace.american.edu/openbehavior/project/liq-hd/>

**Record Creation Time:** 20230720T050222+0000

**Record Last Update:** 20260801T191259+0000

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### Ratings and Alerts

No rating or validation information has been found for Lick Instance Quantifier Home cage Device.

No alerts have been found for Lick Instance Quantifier Home cage Device.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Petersen N, et al. (2024) A novel mouse home cage lickometer system reveals sex- and housing-based influences on alcohol drinking. bioRxiv : the preprint server for biology.

Petersen N, et al. (2024) A Novel Mouse Home Cage Lickometer System Reveals Sex- and Housing-Based Influences on Alcohol Drinking. eNeuro, 11(10).