

# Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

## JPS572

RRID:WB-STRAIN:WBStrain00022729

Type: Organism

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### Proper Citation

RRID:WB-STRAIN:WBStrain00022729

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### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00022729>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00022729

**Description:** Caenorhabditis elegans with name slo-1(js379) V; vsIs48; vxEx345. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** slo-1(js379) V; vsIs48; vxEx345.

**Notes:** vsIs48 [unc-17::GFP]. GFP expressed in all cholinergic neurons. vxEx345 [slo-1p::slo-1(+):mCherry::unc-54 3'UTR + myo-2p::mCherry]. Pick animals with mCherry expression in the pharynx to maintain the array. vxEx345 rescues ethanol-independent and ethanol intoxication phenotypes of a slo-1(null) mutants. vxEx345 expresses worm BK channel protein (slo-1(+)) with a C-terminal mCherry tag. Reference: Davis SJ, Scott LL, Hu K & Pierce-Shimomura JT. J Neurosci. 2014 Jul 16;34(29):9562-73.

**Affected Gene:** WBGene00004830(slo-1)

**Genomic Alteration:** WBGene00004830(slo-1)

**Catalog Number:** WB-STRAIN:WBStrain00022729

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Alternate IDs:** WB-STRAIN:JPS572, CGC\_JPS572

**Organism Name:** JPS572

**Record Creation Time:** 20230227T013510+0000

**Record Last Update:** 20260808T171210+0000

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## Ratings and Alerts

No rating or validation information has been found for JPS572.

No alerts have been found for JPS572.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Yang W, et al. (2024) Hispidol Regulates Behavioral Responses to Ethanol through Modulation of BK Channels: A Novel Candidate for the Treatment of Alcohol Use Disorder. Molecules (Basel, Switzerland), 29(19).