

Resource Summary Report

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

JPS344

RRID:WB-STRAIN:WBStrain00022714

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00022714

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00022714>

Proper Citation: RRID:WB-STRAIN:WBStrain00022714

Description: Caenorhabditis elegans with name slo-1(js379)V; vxEx344. from WB.

Species: Caenorhabditis elegans

Synonyms: slo-1(js379)V; vxEx344.

Notes: vxEx344 [slo-1p::slo-1(+)::mCherry::unc-54 3'UTR + myo-2p::mCherry]. Pick animals with mCherry expression in the pharynx to maintain the array. vxEx344 rescues ethanol-independent and ethanol intoxication phenotypes of a slo-1(null) mutants. vxEx344 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:WBStrain00022714

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:JPS344, CGC_JPS344

Organism Name: JPS344

Record Creation Time: 20230227T013510+0000

Record Last Update: 20260808T171210+0000

Ratings and Alerts

No rating or validation information has been found for JPS344.

No alerts have been found for JPS344.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.