

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[hpls636; hpEx4479.](#)

RRID:WB-STRAIN:WBStrain00055716

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055716

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055716>

Proper Citation: RRID:WB-STRAIN:WBStrain00055716

Description: Caenorhabditis elegans with name hpls636; hpEx4479. from WB.

Species: Caenorhabditis elegans

Synonyms: hpls636; hpEx4479.

Notes: hpls636 [rig-3p::HisCl1::SL2::mCherry]. hpEx4479 [npr-4p::snb-1::pHluorin + lin-15(+)]. Pick animals with green fluorescence in VNC to maintain. Synapse exocytosis marker in AVA. Transgenic animals exhibit punctate green fluorescent signals along AVA neurites in the ventral cord, with stronger expression than in a wild-type background. mCherry and HisCl1 expression in AVA soma and neurites. In the presence of histamine, the SNB-1::pHluorin intensity will decrease in neurites.

Catalog Number: WB-STRAIN:WBStrain00055716

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Source References: [PMID:38598630](#)

Organism Name: hpls636; hpEx4479.

Record Creation Time: 20240716T202612+0000

Record Last Update: 20260829T162902+0000

Ratings and Alerts

No rating or validation information has been found for hpls636; hpEx4479..

No alerts have been found for hpls636; hpEx4479..

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.