

Resource Summary Report

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

pCRII-Topo Vglut2 in situ probe

RRID:Addgene_45639

Type: Plasmid

Proper Citation

RRID:Addgene_45639

Plasmid Information

URL: <http://www.addgene.org/45639>

Proper Citation: RRID:Addgene_45639

Insert Name: Vglut2 in situ probe

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19657336](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:4000; Vector Backbone:pCRII-Topo; Vector Types:in situ; Bacterial Resistance:Ampicillin

Comments: For in vitro transcription, use the SpeI restriction digest and T7 promoter for sense probe generation and the NotI restriction digest and Sp6 promoter for antisense probe generation.

Plasmid Name: pCRII-Topo Vglut2 in situ probe

Relevant Mutation: fragment contains nt 2477-2993 of slc17a6 (Vglut2) mRNA sequence (GenBank ID AK045409.1)

Record Creation Time: 20220422T222236+0000

Record Last Update: 20260801T081330+0000

Ratings and Alerts

No rating or validation information has been found for pCRII-Topo Vglut2 in situ probe.

No alerts have been found for pCRII-Topo Vglut2 in situ probe.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Chalif JI, et al. (2022) Control of mammalian locomotion by ventral spinocerebellar tract neurons. Cell, 185(2), 328.

Zhang Y, et al. (2022) Sex-specific characteristics of cells expressing the cannabinoid 1 receptor in the dorsal horn of the lumbar spinal cord. The Journal of comparative neurology, 530(14), 2451.