

Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

pcDNA3-PalmPalm-ClopHensor

RRID:Addgene_25940

Type: Plasmid

Proper Citation

RRID:Addgene_25940

Plasmid Information

URL: <http://www.addgene.org/25940>

Proper Citation: RRID:Addgene_25940

Insert Name: PalmPalm-ClopHensor

Organism: Aq. Victoria and Discosoma sp

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20581829](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5344; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3-PalmPalm-ClopHensor

Relevant Mutation: N-term (20AA) of Gap-43

Record Creation Time: 20220422T222116+0000

Record Last Update: 20260902T045125+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-PalmPalm-ClopHensor.

No alerts have been found for pcDNA3-PalmPalm-ClopHensor.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Lee M, et al. (2020) Ecm29-mediated proteasomal distribution modulates excitatory GABA responses in the developing brain. *The Journal of cell biology*, 219(2).

Balapattabi K, et al. (2019) Effects of salt-loading on supraoptic vasopressin neurones assessed by ClopHensorN chloride imaging. *Journal of neuroendocrinology*, 31(8), e12752.

Cabrero P, et al. (2014) Chloride channels in stellate cells are essential for uniquely high secretion rates in neuropeptide-stimulated *Drosophila* diuresis. *Proceedings of the National Academy of Sciences of the United States of America*, 111(39), 14301.

Raimondo JV, et al. (2013) A genetically-encoded chloride and pH sensor for dissociating ion dynamics in the nervous system. *Frontiers in cellular neuroscience*, 7, 202.