

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

pSGEMKv10.1

RRID:Addgene_85704

Type: Plasmid

Proper Citation

RRID:Addgene_85704

Plasmid Information

URL: <http://www.addgene.org/85704>

Proper Citation: RRID:Addgene_85704

Insert Name: KCNH1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12554641](#)

Vector Backbone Description: Vector Backbone:pSGEM; Vector Types:Xenopus expression; Bacterial Resistance:Ampicillin

Comments: pSGEM vector, 3118 bp, engineered by Michael Hollmann & Dorothea Gremmels, March 1994. pSGEM is based on the pGEMHE-MCS vector (3096 bp) engineered by M.Hollmann. pGEMHE-MCS itself is based on the pGEMHE vector (3022 bp) which in turn is derived from pGEM-3Z of Promega (2743 bp) See also Liman,E.R., Tytgat,J. and Hess,P. Neuron (1992) Vol.9, pp.861-871

Plasmid Name: pSGEMKv10.1

Record Creation Time: 20220422T222551+0000

Record Last Update: 20260815T082130+0000

Ratings and Alerts

No rating or validation information has been found for pSGEMKv10.1.

No alerts have been found for pSGEMKv10.1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Abdelaziz R, et al. (2024) Revealing a hidden conducting state by manipulating the intracellular domains in KV10.1 exposes the coupling between two gating mechanisms. eLife, 12.