

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

OSCA1.2-K435L-L438K-peGFP-N1

RRID:Addgene_228587

Type: Plasmid

Proper Citation

RRID:Addgene_228587

Plasmid Information

URL: <http://www.addgene.org/228587>

Proper Citation: RRID:Addgene_228587

Insert Name: hyperosmolality-gated Ca²⁺ permeable channel (OSCA) 1.2

Organism: Arabidopsis thaliana

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:38370744](https://pubmed.ncbi.nlm.nih.gov/38370744/)

Vector Backbone Description: Vector Backbone:peGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Please visit <https://doi.org/10.1101/2024.02.04.578431> for bioRxiv preprint.

Plasmid Name: OSCA1.2-K435L-L438K-peGFP-N1

Relevant Mutation: K435L, L438K

Record Creation Time: 20241203T120716+0000

Record Last Update: 20260725T080211+0000

Ratings and Alerts

No rating or validation information has been found for OSCA1.2-K435L-L438K-peGFP-N1.

No alerts have been found for OSCA1.2-K435L-L438K-peGFP-N1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.