

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

## pcDNA3.1 Flag YFP hNKCC1 I677C (NT467)

RRID:Addgene\_50878

Type: Plasmid

### Proper Citation

RRID:Addgene\_50878

### Plasmid Information

**URL:** <http://www.addgene.org/50878>

**Proper Citation:** RRID:Addgene\_50878

**Insert Name:** human NKCC1 (synthetic)

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:24451383](#)

**Vector Backbone Description:** Backbone Marker:Life Technologies; Backbone Size:5316; Vector Backbone:pcDNA 3.1 neo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** Plasmid constructed from pcDNA3.1 Flag YFP hNKCC1 WT (NT17). See Addgene plasmid# 49085 (<http://www.addgene.org/49085/>) for plasmid map of wild-type construct.

**Plasmid Name:** pcDNA3.1 Flag YFP hNKCC1 I677C (NT467)

**Relevant Mutation:** I677C in hNKCC1 in NT17

**Record Creation Time:** 20220422T222300+0000

**Record Last Update:** 20260725T074808+0000

### Ratings and Alerts

No rating or validation information has been found for pcDNA3.1 Flag YFP hNKCC1 I677C (NT467).

No alerts have been found for pcDNA3.1 Flag YFP hNKCC1 I677C (NT467).

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.