

# Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

## pDONR-BLINK2

RRID:Addgene\_117075

Type: Plasmid

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### Proper Citation

RRID:Addgene\_117075

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### Plasmid Information

**URL:** <http://www.addgene.org/117075>

**Proper Citation:** RRID:Addgene\_117075

**Insert Name:** BLINK2

**Organism:** A. sativa, Chlorella virus, A.thaliana

**Bacterial Resistance:** Gentamicin

**Defining Citation:** [PMID:30377377](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen - thermo fisher; Backbone Size:3350; Vector Backbone:pDONR 207; Vector Types:Gateway Cloning system; Bacterial Resistance:Gentamicin

**Plasmid Name:** pDONR-BLINK2

**Relevant Mutation:** glutamine 112 changed into aspartate (original LOV domain numbering Q513D)

**Record Creation Time:** 20220422T221613+0000

**Record Last Update:** 20260815T080250+0000

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### Ratings and Alerts

No rating or validation information has been found for pDONR-BLINK2.

No alerts have been found for pDONR-BLINK2.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Wang T, et al. (2026) Inwardly rectifying potassium channels promote directional sensing during neutrophil chemotaxis. The Journal of cell biology, 225(1).

Wang T, et al. (2025) Inwardly rectifying potassium channels regulate membrane potential polarization and direction sensing during neutrophil chemotaxis. bioRxiv : the preprint server for biology.

Mitchell SJ, et al. (2025) Energy deficiency selects crowded live epithelial cells for extrusion. Nature, 646(8087), 1187.