

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

pDONR-BLINK2

RRID:Addgene_117075

Type: Plasmid

Proper Citation

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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: 20260725T073605+0000

Ratings and Alerts

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

No alerts have been found for pDONR-BLINK2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

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.