

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pDONR223_AKR1B1_WT

RRID:Addgene_82928

Type: Plasmid

Proper Citation

RRID:Addgene_82928

Plasmid Information

URL: <http://www.addgene.org/82928>

Proper Citation: RRID:Addgene_82928

Insert Name: AKR1B1

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:27478040](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pDONR223; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: CLOSED (stop codon immediately follows insert)

Plasmid Name: pDONR223_AKR1B1_WT

Record Creation Time: 20220422T222537+0000

Record Last Update: 20260815T082103+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223_AKR1B1_WT.

No alerts have been found for pDONR223_AKR1B1_WT.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Imran A, et al. (2022) Development and exploration of novel substituted thiosemicarbazones as inhibitors of aldose reductase via in vitro analysis and computational study. Scientific reports, 12(1), 5734.

Imran A, et al. (2022) Development, Molecular Docking, and In Silico ADME Evaluation of Selective ALR2 Inhibitors for the Treatment of Diabetic Complications via Suppression of the Polyol Pathway. ACS omega, 7(30), 26425.