

Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

pTRANS-Pho2-1/2-2-tRNA

RRID:Addgene_161762

Type: Plasmid

Proper Citation

RRID:Addgene_161762

Plasmid Information

URL: <http://www.addgene.org/161762>

Proper Citation: RRID:Addgene_161762

Insert Name: Cas9 and gRNAs

Organism: alfalfa

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:35471600](#)

Vector Backbone Description: Backbone Marker: Voytas Plant Genome Engineering Tool kit; Backbone Size: 9500; Vector Backbone: pTRANS_220; Vector Types: Plant Expression; Bacterial Resistance: Kanamycin

Plasmid Name: pTRANS-Pho2-1/2-2-tRNA

Record Creation Time: 20230524T080244+0000

Record Last Update: 20260919T093015+0000

Ratings and Alerts

No rating or validation information has been found for pTRANS-Pho2-1/2-2-tRNA.

No alerts have been found for pTRANS-Pho2-1/2-2-tRNA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Miller SS, et al. (2022) Alfalfa (*Medicago sativa* L.) *pho2* mutant plants hyperaccumulate phosphate. *G3* (Bethesda, Md.), 12(6).