

Resource Summary Report

Generated by [dkNET](#) on Aug 30, 2026

pSLQ2818 pPB: CAG-PYL1-KRAB-IRES-Puro-WPRE-SV40PA PGK-ABI-tagBFP-SpdCas9

RRID:Addgene_84241

Type: Plasmid

Proper Citation

RRID:Addgene_84241

Plasmid Information

URL: <http://www.addgene.org/84241>

Proper Citation: RRID:Addgene_84241

Insert Name: ABI-tagBFP-Sp dCas9

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27776111](#)

Vector Backbone Description: Backbone Marker: System Biosciences; Vector Backbone: PB; Vector Types: Mammalian Expression, CRISPR, Synthetic Biology, PiggyBac; Bacterial Resistance: Ampicillin

Plasmid Name: pSLQ2818 pPB: CAG-PYL1-KRAB-IRES-Puro-WPRE-SV40PA PGK-ABI-tagBFP-SpdCas9

Record Creation Time: 20220422T222543+0000

Record Last Update: 20260829T081150+0000

Ratings and Alerts

No rating or validation information has been found for pSLQ2818 pPB: CAG-PYL1-KRAB-IRES-Puro-WPRE-SV40PA PGK-ABI-tagBFP-SpdCas9.

No alerts have been found for pSLQ2818 pPB: CAG-PYL1-KRAB-IRES-Puro-WPRE-SV40PA PGK-ABI-tagBFP-SpdCas9.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Noviello G, et al. (2023) CasTuner is a degron and CRISPR/Cas-based toolkit for analog tuning of endogenous gene expression. Nature communications, 14(1), 3225.

Gjaltema RAF, et al. (2022) Distal and proximal cis-regulatory elements sense X chromosome dosage and developmental state at the Xist locus. Molecular cell, 82(1), 190.

Chan WF, et al. (2021) Identification and characterization of the long noncoding RNA Dreg1 as a novel regulator of Gata3. Immunology and cell biology, 99(3), 323.

Genolet O, et al. (2021) Identification of X-chromosomal genes that drive sex differences in embryonic stem cells through a hierarchical CRISPR screening approach. Genome biology, 22(1), 110.

Wang S, et al. (2021) Budding epithelial morphogenesis driven by cell-matrix versus cell-cell adhesion. Cell, 184(14), 3702.

Foight GW, et al. (2019) Multi-input chemical control of protein dimerization for programming graded cellular responses. Nature biotechnology, 37(10), 1209.