

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

AAV-actin prom-dsRed-scramble shRNA

RRID:Addgene_67879

Type: Plasmid

Proper Citation

RRID:Addgene_67879

Plasmid Information

URL: <http://www.addgene.org/67879>

Proper Citation: RRID:Addgene_67879

Insert Name: actin prom-dsRed-scramble shRNA

Organism: Gallus gallus

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:25706476](#)

Vector Backbone Description: Backbone Size:3000; Vector Backbone:pUC; Vector Types:Mammalian Expression, AAV, RNAi; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: To express shRNAs, we used the pPRIME system. This generates micro-RNA-30 (mir30)-derived shRNAs and co-expression of a marker protein, such as dsRED, from the same transcript. The shRNA hairpin sequences were placed into the mir30 site of pPRIME-cmv-dsRed-FF3 and then cloned into the AAV vector (Zhang et al 2015 Nat Neurosci), SbfI(or PstI) + PacI will retrieve the 2.1kb insert (dsRed-scramble shRNA-chloramphenicol) and the 5.1kb AAV-CBA backbone, which is ampicillin resistant. The SbfI site in the middle of dsRed has been silenced. The construct can be linearised with XhoI.

Plasmid Name: AAV-actin prom-dsRed-scramble shRNA

Record Creation Time: 20220422T222423+0000

Record Last Update: 20260829T080912+0000

Ratings and Alerts

No rating or validation information has been found for AAV-actin prom-dsRed-scramble shRNA.

No alerts have been found for AAV-actin prom-dsRed-scramble shRNA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.