

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

PLL5.0-Anillin ShRNA-GFP-AnillinA740D, E758K

RRID:Addgene_187274

Type: Plasmid

Proper Citation

RRID:Addgene_187274

Plasmid Information

URL: <http://www.addgene.org/187274>

Proper Citation: RRID:Addgene_187274

Insert Name: Anillin ,hsAnillin, Entrez Gene ANLN (a.k.a. FSGS8, Scraps, scra)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31105010](#)

Vector Backbone Description: Backbone Size:7574; Vector Backbone:pLL5.0; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: Rescue with reconstituted -Anillin A740D,E758K. 5' cloning site: SacII (destroyed), 3' cloning site: Sbf1 (not destroyed). With regard to all the Anillin sequences, I chose to number these residues as per the canonical sequence which is the full-length isoform. We have been using a smaller isoform, that lacks aa 508-544 as compared to the canonical isoform. The article that identified the Rho binding region on Anillin (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4449299/>) followed the residue numbers of the canonical isoform to describe the mutations a740D, E758K (ref figure 2 in the article). Therefore, I chose to follow similar nomenclature when I generated the AHPH-DM for Rashmi's NCB paper. To harmonize the nomenclature across constructs, I continued to number the residues in all the GFP/Cherry Anillin constructs as per the canonical sequence.

Plasmid Name: PLL5.0-Anillin ShRNA-GFP-AnillinA740D, E758K

Relevant Mutation: Anillin A740D, E758K

Record Creation Time: 20220928T080237+0000

Record Last Update: 20260919T092729+0000

Ratings and Alerts

No rating or validation information has been found for PLL5.0-Anillin ShRNA-GFP-AnillinA740D, E758K.

No alerts have been found for PLL5.0-Anillin ShRNA-GFP-AnillinA740D, E758K.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.