

Resource Summary Report

Generated by [dkNET](#) on Aug 29, 2026

pCR158

RRID:Addgene_240639

Type: Plasmid

Proper Citation

RRID:Addgene_240639

Plasmid Information

URL: <http://www.addgene.org/240639>

Proper Citation: RRID:Addgene_240639

Insert Name: AIPGENE865 promoter

Organism: *Exaiptasia diaphana*

Bacterial Resistance: Ampicillin and Kanamycin

Vector Backbone Description: Backbone Marker:Lab of Ulrich Technau; Backbone Size:4115; Vector Backbone:pNvT-MHC::mCh; Vector Types:Expression of NLS-Kaede in *Exaiptasia diaphana*; Bacterial Resistance:Ampicillin and Kanamycin

Comments: The whole intergenic region between AIPGENE865 (KXJ12416.1; Elongation Factor 1alpha) and AIPGENE899 was cloned as promoter fragment. The original gene annotation for AIPGENE865 is incorrect, the automatic NCBI annotation is correct in regards of exons, introns and translation start site. We found that *Aiptasia* strain CC7 was actually heterozygous for that locus: one allele was mostly in agreement with the genome sources but the other one had a couple of SNPs and a large, 749-bp insert in the intergenic region. The longer version with insert was used as promoter for this plasmid.

Plasmid Name: pCR158

Relevant Mutation: naturally occurring 749-bp insertion at bp 628 (from bp 1 of plasmid map), corrected exon/intron positions (in agreement with XM_021048156.2).

Record Creation Time: 20250716T053110+0000

Record Last Update: 20260829T082438+0000

Ratings and Alerts

No rating or validation information has been found for pCR158.

No alerts have been found for pCR158.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.