

# Resource Summary Report

Generated by [dkNET](#) on Aug 25, 2026

## pCR158

RRID:Addgene\_240639

Type: Plasmid

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### Proper Citation

RRID:Addgene\_240639

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### 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:** 20260815T083326+0000

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### Ratings and Alerts

No rating or validation information has been found for pCR158.

No alerts have been found for pCR158.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.