

Resource Summary Report

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

modified pcAT7-Glo1

RRID:Addgene_160996

Type: Plasmid

Proper Citation

RRID:Addgene_160996

Plasmid Information

URL: <http://www.addgene.org/160996>

Proper Citation: RRID:Addgene_160996

Insert Name: hemoglobin subunit beta

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29859120](#)

Vector Backbone Description: Backbone Size:5000; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Cloning for initial Vex-seq inserts is between the PstI and XbaI sites. The second step for generating the final splicing reporter involves PCR amplifying intron 2 and exon 3 from modified pcAT7-Glo1 using GTGTGGAAGTCTCAGGATCG and AACGGGCCCTCTAGAGC and digesting with XbaI and MfeI.

Plasmid Name: modified pcAT7-Glo1

Relevant Mutation: Repeated intron 1 with 40 nucleotide deletion

Record Creation Time: 20220422T221911+0000

Record Last Update: 20260815T080846+0000

Ratings and Alerts

No rating or validation information has been found for modified pcAT7-Glo1.

No alerts have been found for modified pcAT7-Glo1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Charles M, et al. (2025) Functional impact of splicing variants in the elaboration of complex traits in cattle. Nature communications, 16(1), 3893.