

The plasmid Alb e/p containing the mouse albumin promoter/enhancer promoter sequence was digested with EcoRV and SAP. pBS/RIP-Cre-GH was digested with Xba I to retrieve the ~3.3 kb nls-Cre-GH fragment which was subsequently filled-in using Klenow and ligated into the EcoRV site of Alb e/p to create pAlb-Cre-GH/BS. The final construct was digested with Not I and Kpn I to retrieve the fragment used for microinjection.

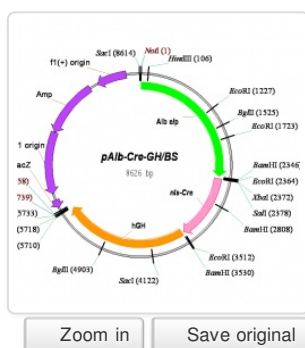
Note: Alb e/p (enhancer/promoter) was originally obtained from Richard Palmiter.

Keywords: transgene liver cre

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Vector Annotations

Vector Map



Genbank File	pAlb-Cre-GHBS.gb
Backbone Vector	pBluescript KS+
Construct Size	8,626 bp (approximate)
Bacterial Stock	No
Storage Temperature	-20 °C
Stock Concentration	0.1 µg/µL
Addgene	Not Provided

Source

Laboratory	Mark Magnuson
Made by	Catherine Postic
Stock Date	December 23, 2008

Inventory Location

Private

Publications / Citations

1. Dual roles for glucokinase in glucose homeostasis as determined by liver and pancreatic beta cell-specific gene knock-outs using Cre recombinase. Postic C, Shiota M, Niswender KD, Jetton TL, Chen Y, Moates JM, Shelton KD, Lindner J, Cherrington AD, Magnuson MA (1999) *J Biol Chem* **274**(1): 305-15
 > Primary publication · [9867845](#) (PubMed) · Added on 1/31/2014

MeSH Terms

- Albumins
- Alleles
- Animals
- Base Sequence
- DNA Primers
- Gene Deletion
- Glucokinase
- Glucose
- Homeostasis
- Insulin
- Integrases
- Islets of Langerhans
- Liver
- Mice
- Mice, Knockout
- Transgenes
- Viral Proteins