

This was designed to be used to retrieve DNA sequences after recombining of a BAC clone. The plasmid contains a diphtheria toxin selection gene, DT-A, cloned between the Kpn I and Sal I restriction enzyme sites of *pBluescript KS+*. This will place it outside of a homology arm in a gene targeting vector, thereby eliminating the need to use a HSV-thymidine kinase gene and gancyclovir in a gene targeting experiment.

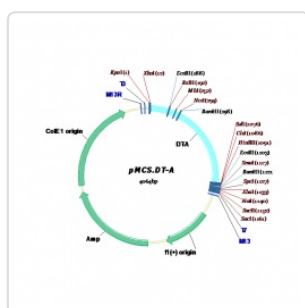
This plasmid was previously call pBS.DT-A and renamed when submitted to AddGene.

Keywords: [gene targeting](#) [DT](#) [diphtheria toxin](#)

Expand

Vector Annotations

Vector Map



Zoom in

Save original

Genbank File [pmcs.dta.gb](#)

Backbone Vector pBluescript KS+

Construct Size 4,064 bp (approximate)

Bacterial Stock No

Storage Temperature -20 °C

Stock Concentration 0.1 µg/µL

Addgene [22730](#)

Source

Laboratory Mark Magnuson

Made by Qiaoming Long

Stock Date December 23, 2008

Inventory Location

Private

Publications / Citations

1. Quantification of factors influencing fluorescent protein expression using RMCE to generate an allelic series in the ROSA26 locus in mice. Chen SX, Osipovich AB, Ustione A, Potter LA, Hipkens S, Gangula R, Yuan W, Piston DW, Magnuson MA (2011) *Dis Model Mech* **4(4)**: 537-47
 › Primary publication · [21324933](#) (PubMed) · [PMC3124063](#) (PubMed Central) · Added on 11/8/2013

MeSH Terms

Alleles Animals Chromosomes, Artificial, Bacterial
 Embryo, Mammalian Embryonic Stem Cells Fluorescence
 Genetic Loci Genetic Vectors Luminescent Proteins
 Mice Mutagenesis, Insertional Organ Specificity
 Proteins Rabbits Recombinases RNA, Untranslated