

RIKEN Clone ID : IRAL026021

Lot#: 7566_B0J8

Vector : pOTB7

Gene	SGTA	
Accession No.	BC008885.2	2230 bp
	<i>CDS</i>	942 bp

● Plasmid DNA purification

Date : 20.10.14

Culture : LB (25 ug/ml Chloramphenicol) 5 ml → at 37 deg C over night

Date : 20.10.15

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 20.10.15

DNA concentration (O.D.): 208 ng/ul

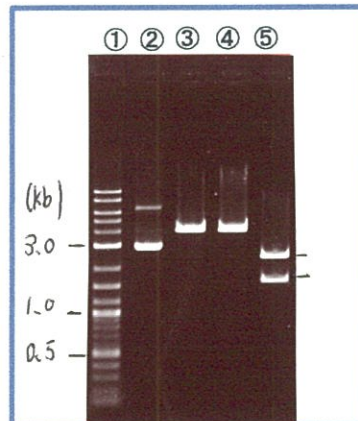
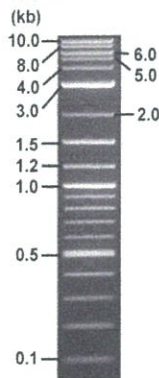
< Size of fragment expected from this clone >

DNA	0.5 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.5 ul
Total	10 ul

BamHI	4.0 kb
BglII	4.0 kb
BamHI + BglII	1.6kb (Vector) 2.4 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)



- ①:Marker
- ②:uncut
- ③:BamHI
- ④:BglII
- ⑤:BamHI + BglII

● Adjust plasmid DNA solution to 25 ng/ul

Date : 21.06.02

DNA (<u>208</u> ng/ul)	<u>85.0</u> ul
10x TE	<u>70.7</u> ul
dH ₂ O	<u>551.5</u> ul
Total	<u>707.2</u> ul

● Confirmation of the insertion sequence

Date : 20.11.9

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

Conc. : ng/ul, Volume : ul



APPROVED BY :

<http://dna.brc.riken.jp/index.html>

S/N G:197 A:235 T:138 C:220

Primer A: pOTB7-F

7566_IRAL0_26O21_B0J8_1_pOTB7_F

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Oct 16,2020 10:32AM, JST

KB.bcp

Pts 1735 to 8684 Pk1 Loc:1703

Oct 16,2020 10:49AM, JST

KB 1.4.1.8 Cap:12

5' AACGCGGCTACAATTAATACATAACC 3'

Version 6.0 HiSQV Bases: 662

(QV) < 40.

Spacing:10.46 Pts/Panel1350

Plate Name: 20201016_GNP

