

**RIKEN Clone ID : IRAL050K10**

Lot#: 7566\_B11u

Vector : pOTB7

Gene	OSBPL7	
Accession No.	BC065482.1	3640 bp
	<i>CDS</i>	2529 bp

● Plasmid DNA purification

Date : 21.10.12

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

Date : 21.10.13

Purification : QIAGEN Miniprep kit → dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 21.10.13

DNA concentration (O.D.): 357 ng/ul

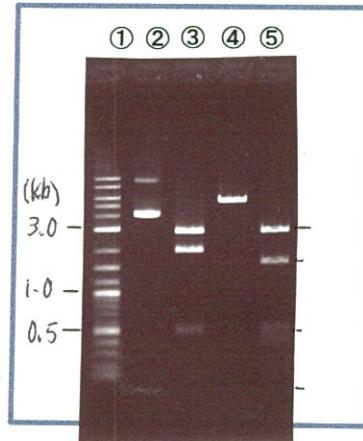
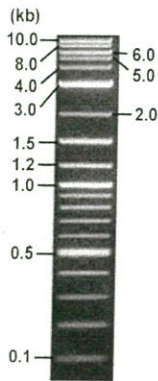
< Size of fragment expected from this clone >

DNA	<u>0.3</u> ul
Enzyme (BamHI + BglII)	<u>0.5 + 0.5</u> ul
Buffer H	<u>1</u> ul
dH <sub>2</sub> O	<u>7.7</u> ul
Total	<u>10</u> ul

BamHI	<u>2.9, 2.0, 0.5, 0.1</u> kb
BglII	<u>5.5</u> kb
BamHI + BglII	<u>1.6kb (Vector) 2.9, 0.5, 0.4, 0.1</u> 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 : 21.10.15

DNA ( <u>357</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>128.5</u> ul
dH <sub>2</sub> O	<u>1066.7</u> ul
Total	<u>1285.2</u> ul

● Confirmation of the insertion sequence

Date : 21.10.15

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	-
List of Sequencing Primers	<a href="http://dna.brc.riken.jp/en/GNPclone3en.html">http://dna.brc.riken.jp/en/GNPclone3en.html</a>

● 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:103 A:109 T:62 C:11  
KB.bcp  
KB 1.4.1.8 Cap:5

Primer A: pOTB7-F

7566\_IRAL050K10\_B1lu\_TR3\_pOTB7\_F

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Oct 14,2021 09:19AM, JST

Pts 1701 to 8703 Pk1 Loc:1669

(QV) < 40.

Oct 14,2021 09:41AM, JST

5' AACGCGGCTACAATTAATACATAACC 3'

Version 6.0 HiSQV Bases: 672

Spacing:10.74 Pts/Panel1350

Plate Name: 20211014\_GNP

