

RIKEN Clone ID : IRAL010K16

Lot#: 7566_B0J8

Vector : pOTB7

Gene	PHB	
Accession No.	BC013401.2	1053 bp
	<i>CDS</i>	819 bp

● Plasmid DNA purification

Date : 20.10.08

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

Date : 20.10.09

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 20.10.09

DNA concentration (O.D.): 222 ng/ul

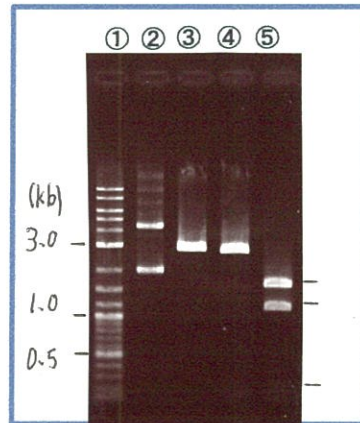
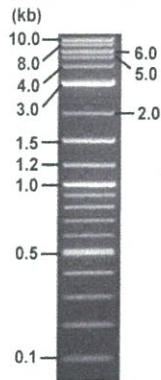
< Size of fragment expected from this clone >

DNA	0.45	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H		1 ul
dH ₂ O	7.55	ul
Total		10 ul

BamHI	2.8 kb
BglII	2.7, 0.1 kb
BamHI + BglII	1.6kb (Vector) 1.1, 0.1 kb

Erectrophoresis : 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 (222 ng/ul)	86.0	ul
10x TE	76.3	ul
dH ₂ O	601.3	ul
Total	763.6	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:177 A:189 T:132 C:179

Primer A: pOTB7-F

7566_IRAL010K16_B0J8_pOTB7_F

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Oct 13,2020 01:49PM, JST

KB.bcp

5' AACGCGGCTACAATTAATACATAACC 3'

Pts 1772 to 8706 Pk1 Loc:1740

(QV) < 40.

Oct 13,2020 02:18PM, JST

KB 1.4.1.8 Cap:3

Version 6.0 HiSQV Bases: 663

Spacing:10.67 Pts/Panel1350

Plate Name: 20201013_GNP

