

**RIKEN Clone ID : IRAL020P03**

Vector : pOTB7

Gene	SPIB	
Accession No.	BC007921.2	1467 bp
	CDS	789 bp

● Plasmid DNA purification

Date : 22.11.07

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

Date : 22.11.08

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

● Digestion by restriction enzyme/Concentration calibration

Date : 22.11.08

DNA concentration (O.D.): 274 ng/ul

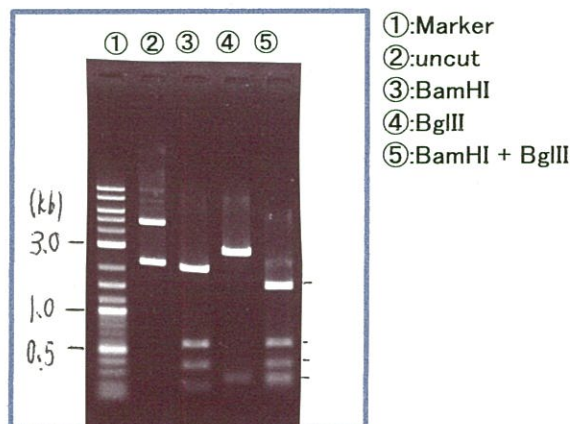
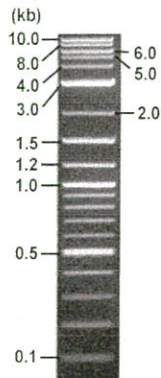
< Size of fragment expected from this clone >

DNA	0.35 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	7.65 ul
Total	10 ul

BamHI	2.1, 0.6, 0.4, 0.2 kb
BglII	3.0, 0.2, 0.1 kb
BamHI + BglII	1.6kb (Vector) 0.6, 0.4, 0.2, 0.2, 0.2, 0.1kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 22.11.10

DNA ( 274 ng/ul)	81.0 ul
10x TE	94.2 ul
dH <sub>2</sub> O	762.3 ul
Total	942.5 ul

● Confirmation of the insertion sequence

Date : 22.11.09

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/µl, Volume : 40 µl  
 Conc. : \_\_\_\_\_ ng/µl, Volume : \_\_\_\_\_ µl

APPROVED BY :

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



S/N G:47 A:39 T:29 C:56

Primer A: pOTB7-F

7566\_IRAL020P03\_B2K4\_pOTB7\_F

Nov 09,2022 10:52AM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Nov 09,2022 11:20AM, JST

KB 1.4.1.8 Cap:1

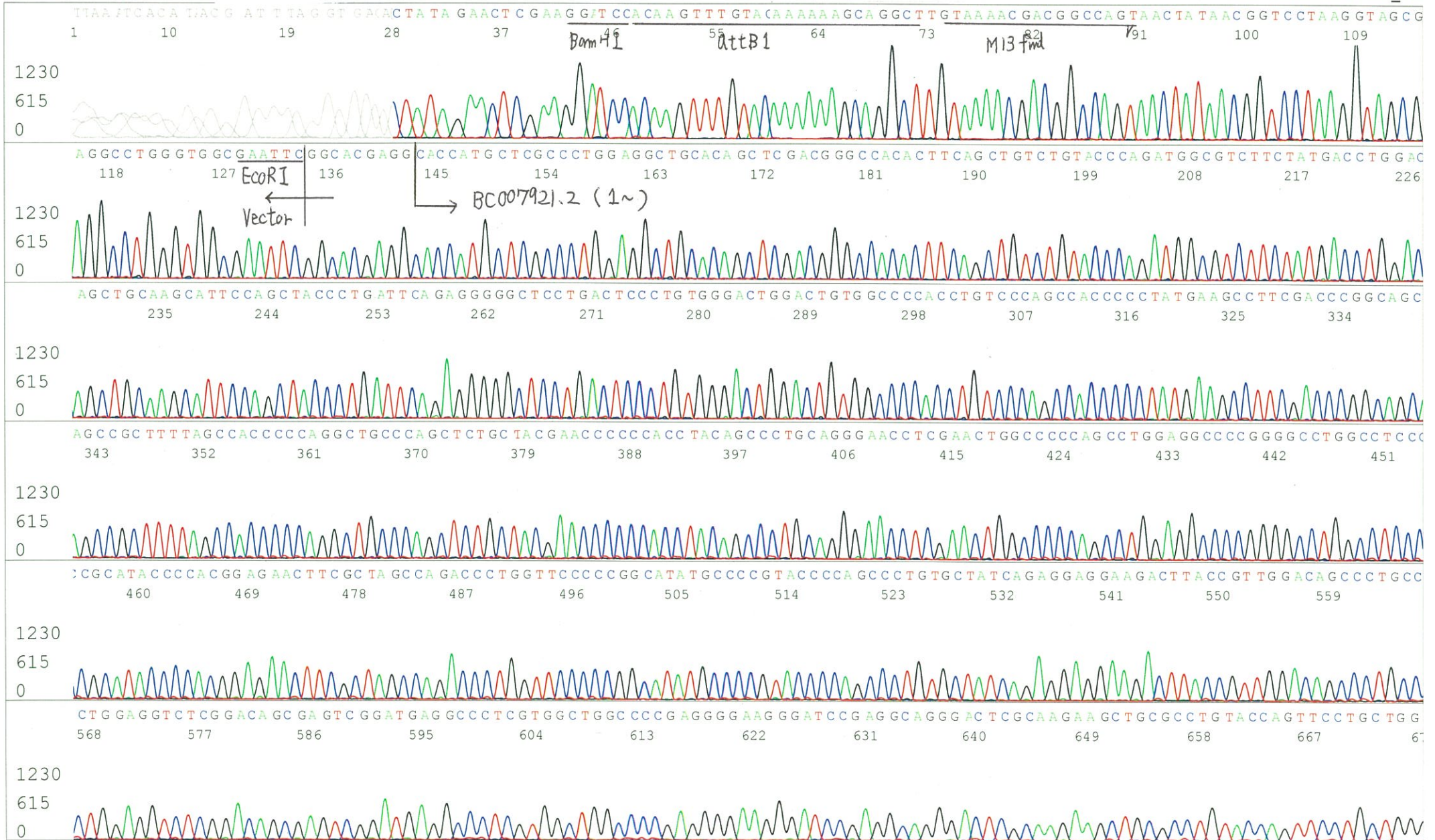
5' AACGCGGCTACAATTAATACATAACC 3'

Pts 1257 to 13882 Pk1 Loc:1234

(QV) < 40.

Spacing:12.25 Pts/Panel1350

Plate Name: 20221109\_mix



S/N G:22 A:21 T:14 C:20

Primer B: pOTB7-R

7566\_IRAL020P03\_B2K4\_pOTB7\_R

KB\_3500\_POP7\_BDTv3.mob

Nov 09,2022 10:52AM, JST

KB.bcp

5' GTACTGCAGCCGATTCATTAATGC 3'

Pts 1237 to 13698 Pk1 Loc:1214

Gray line indicates quality value

Nov 09,2022 11:20AM, JST

KB 1.4.1.8 Cap:2

Version 6.0 HiSQV Bases: 911

(QV) < 40.

Spacing:12.04 Pts/Panel1350

Plate Name: 20221109\_mix

