

RIKEN Clone ID : IRAL005F15

Lot#: 7566_B2K9

Vector : pOTB7

Gene	-	
Accession No.	BC008759.1	1623 bp
	CDS	bp

● Plasmid DNA purification

Date : 22.11.14

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

Date : 22.11.15

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 22.11.16

DNA concentration (O.D.): 392 ng/ul

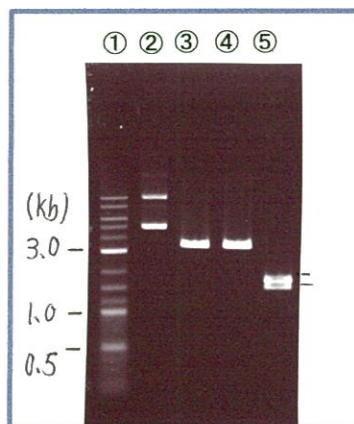
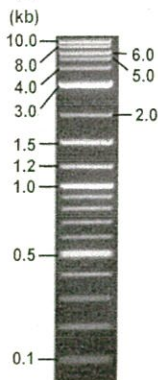
< Size of fragment expected from this clone >

DNA	0.25 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.75 ul
Total	10 ul

BamHI	3.4 kb
BglII	3.4 kb
BamHI + BglII	1.6kb (Vector) 1.8 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 : 22.11.22

● Confirmation of the insertion sequence

Date : 22.11.21

DNA (392 ng/ul)	82.0 ul
10x TE	128.5 ul
dH ₂ O	1075.2 ul
Total	1285.7 ul

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:1032 A:1117 T:829 C:1285

Primer A: pOTB7-F

7566_IRAL005F15_B2K9_pOTB7_F

Nov 17, 2022 09:53AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Nov 17, 2022 10:14AM, JST

KB 1.4.1.8 Cap:15

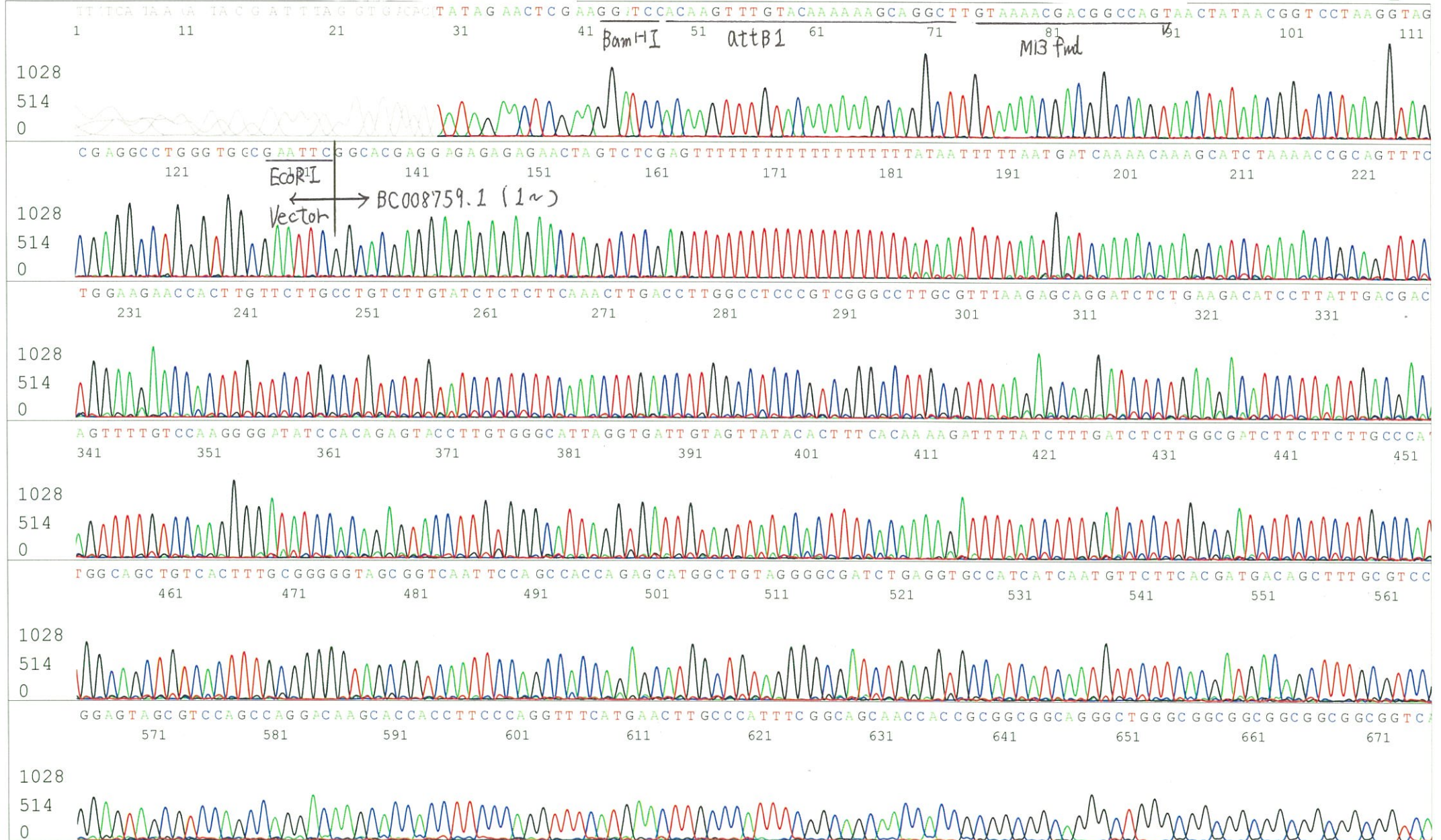
5' AACGCGGCTACAATTAATACATAACC 3'

Pts 1609 to 12457 Pk1 Loc:1592

(QV) < 40.

Spacing:13.85 Pts/Panel1350

Plate Name: 20221117_GNP



S/N G:772 A:1331 T:963 C:1368
KB.bcp
KB 1.4.1.8 Cap:18

Primer B: pOTB7-R

5' GTACTGCAGCCGATTTCATTAATGC 3'

Gray line indicates quality value
(QV) < 40.

