

RIKEN Clone ID : IRAL020E03

Lot#: 7566_B1Cf

Vector : pOTB7

Gene	SEC24C	
Accession No.	BC018928.2	4488 bp
	CDS	3285 bp

● Plasmid DNA purification

Date : 21.03.17

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

Date : 21.03.18

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 21.03.18

DNA concentration (O.D.): 251 ng/ul

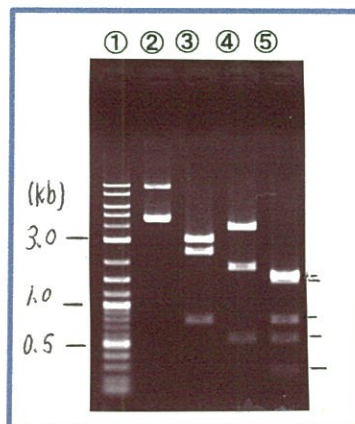
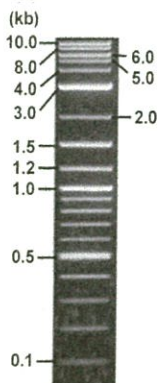
< Size of fragment expected from this clone >

DNA	0.4	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.6	ul
Total	10	ul

BamHI	3.1, 2.4, 0.8 kb
BglII	3.9, 1.9, 0.6 kb
BamHI + BglII	1.6kb (Vector) 1.6, 1.5, 0.8, 0.6, 0.3 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 : 21,03,25

DNA (251 ng/ul)	85.0	ul
10x TE	85.3	ul
dH ₂ O	683.1	ul
Total	853.4	ul

● Confirmation of the insertion sequence

Date : 21.03.19

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	poly(A) region prim #0
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

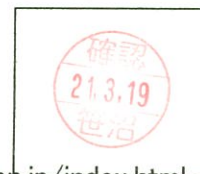
● Shipping

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

~~Conc. : ng/ul, Volume : ul~~

APPROVED BY :

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



S/N G:86 A:107 T:70 C:135

Primer A: pOTB7-F

7566_IRAL020E03_B1Cf_pOTB7_F

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Mar 19,2021 10:01AM, JST

KB.bcp

5' AACGCGGCTACAATTAATACATAACC 3'

Pts 1851 to 8704 Pk1 Loc:1819

(QV) < 40.

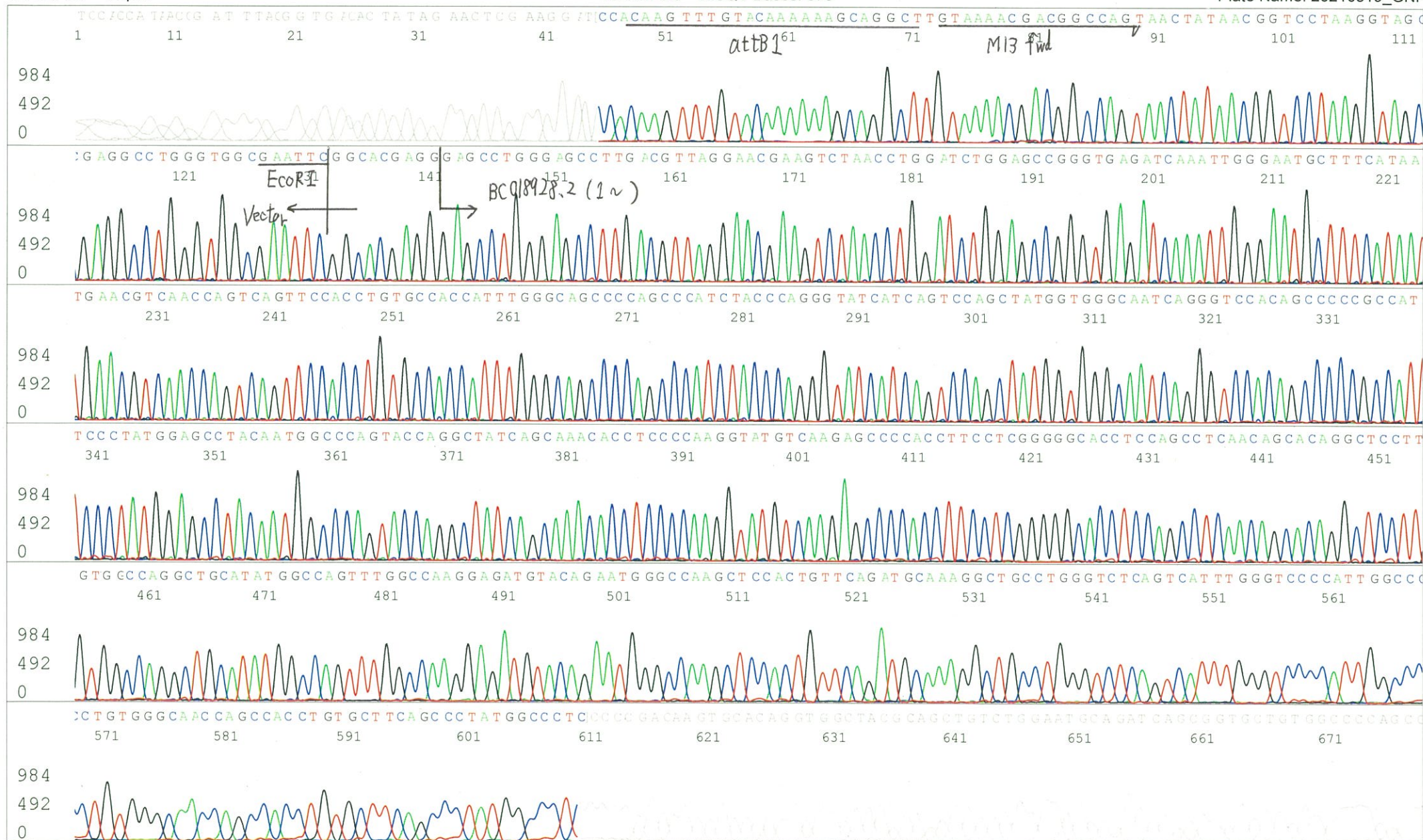
Mar 19,2021 10:17AM, JST

KB 1.4.1.8 Cap:6

Version 6.0 HiSQV Bases: 670

Spacing:10.66 Pts/Panel1350

Plate Name: 20210319_GNP



S/N G:76 A:97 T:78 C:97

Primer B: pOTB7-R

7566_IRAL020E03_B1Cf_pOTB7_R

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Mar 19,2021 10:01AM, JST

KB.bcp

5' GTACTGCAGCCGATTCATTAATGC 3'

Pts 1842 to 8704 Pk1 Loc:1810

(QV) < 40.

Mar 19,2021 10:17AM, JST

KB 1.4.1.8 Cap:7

Version 6.0 HiSQV Bases: 621

Spacing:10.72 Pts/Panel1350

Plate Name: 20210319_GNP

