

RIKEN Clone ID : IRAL059H17

Vector : pOTB7

Gene	CKAP4	
Accession No.	BC082972.1	2231 bp
	<i>CDS</i>	1809 bp
		58..1866

● Plasmid DNA purification

Date : 130522

Culture : LB (25 ug/ml Chloramphenicol) 10 ml → at 37 deg C over night

Date : 130524

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 130524

DNA concentration (O.D.): 208 ng/ul

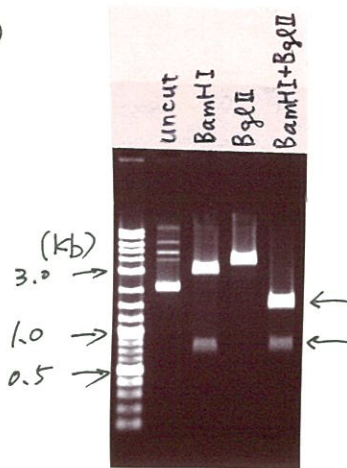
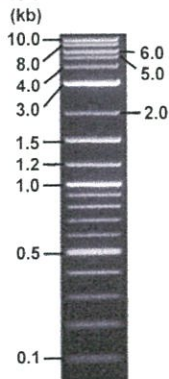
<Expected size of fragment from BC082972.1 >

DNA	0.2 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.8 ul
Total	10 ul

BamHI	3230, 803 bp
BglII	4033 bp
BamHI + BglII	1615bp (Vector) 1615, 803 bp

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 130531

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Adjustment of DNA concentration

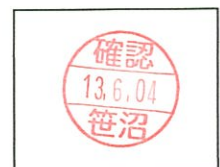
Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

Date : 130603

DNA (208 ng/ul)	85.0 ul
10x TE	70.7 ul
dH ₂ O	551.5 ul
Total	707.2 ul

APPROVED BY :

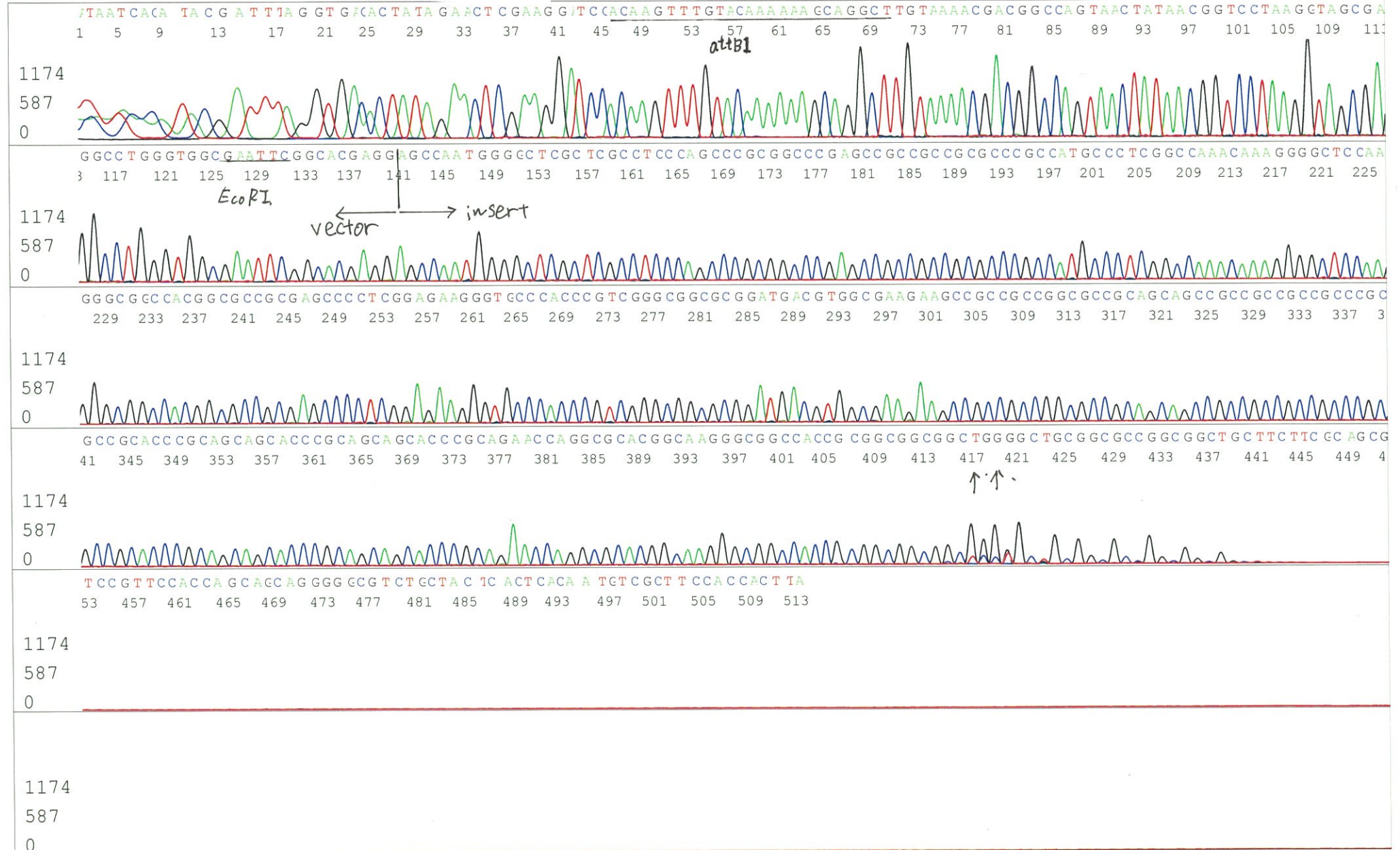


S/N G:369 A:270 T:152 C:47; Primer A: pOTB7-F

KB.bcp

5' AACGCGGCTACAATTAATACATAACC 3'

KB 1.4.1.8 Cap:15



S/N G:369 A:270 T:152 C:477
KB.bcp
KB 1.4.1.8 Cap:15

1174
587
0

1174
587
0

1174
587
0

1174
587
0

1174
587
0

1174
587
0

S/N G:51 A:39 T:45 C:40
KB.bcp
KB 1.4.1.8 Cap:21

