

RIKEN Clone ID : IRAL059F15

Lot#: 7566_A7Fe

Vector : pOTB7

Gene	CAV1	
Accession No.	BC082246.1	892 bp
	<i>CDS</i>	537 bp

● Plasmid DNA purification

Date : 170614

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

Date : 170615

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 170615

DNA concentration (O.D.): 79 ng/ul

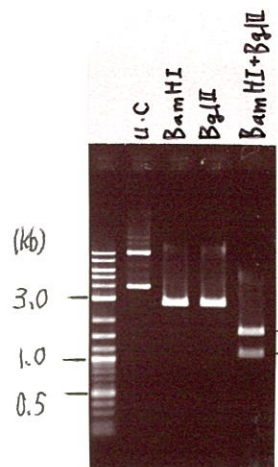
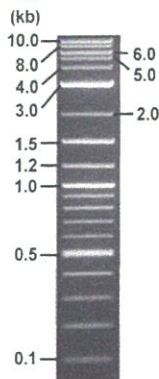
< Size of fragment expected from this clone >

DNA	1.2	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	6.8	ul
Total	10	ul

BamHI	2.7	kb
BglII	2.7	kb
BamHI + BglII	1.6kb (Vector)	1.1 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : _____

DNA (<u>79</u> ng/ul)	75.0	ul
10x TE	23.7	ul
dH ₂ O	138.3	ul
Total	237.0	ul

● Confirmation of the insertion sequence

Date : 170621

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:251 A:308 T:266 C:390

Primer A: pOTB7-F

IRAL059F15_A7Fe_pOTB7_F

Jun 21,2017 05:08PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jun 21,2017 05:37PM, JST

KB 1.4.1.8 Cap:2

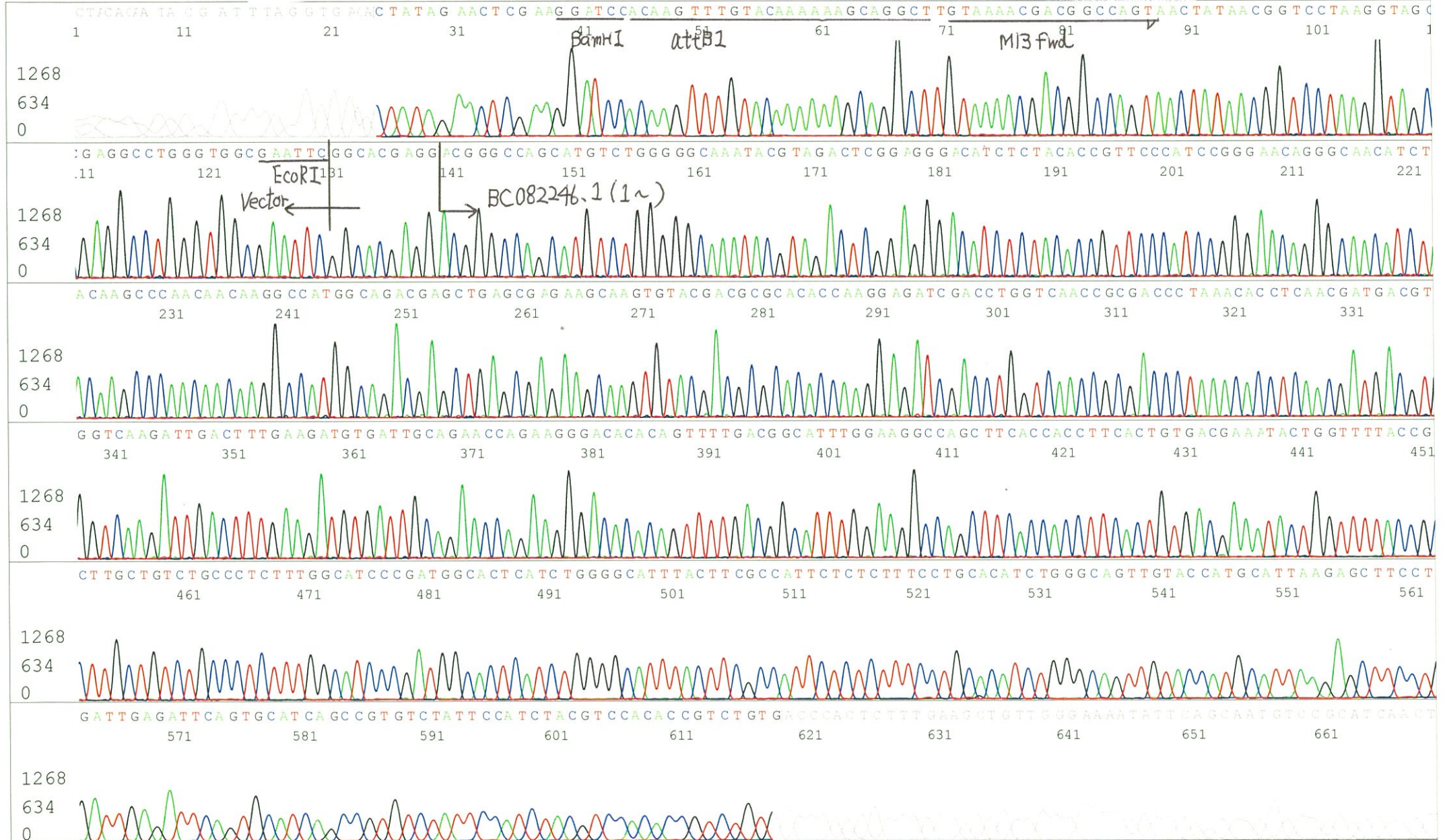
5' AACGCGGCTACAATTAATACATAACC 3'

Pts 1825 to 8706 Pk1 Loc:1793

(QV) < 40.

Spacing:10.63 Pts/Panel1350

Plate Name: 20170621_GNP



S/N G:123 A:198 T:183 C:226

Primer B: pOTB7-R

IRAL059F15_A7Fe_pOTB7_R

Jun 21,2017 05:08PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jun 21,2017 05:37PM, JST

KB 1.4.1.8 Cap:5

5' GTACTGCAGCCGATTCATTAATGC 3'

Pts 1813 to 8706 Pk1 Loc:1781

(QV) < 40.

Spacing:10.6 Pts/Panel1350

Plate Name: 20170621_GNP

