

**RIKEN Clone ID : IRAL007A24**

Lot#: 7566\_B0Jm

Vector : pOTB7

Gene	CALU	
Accession No.	BC013383.2	2030 bp
	CDS	948 bp

● **Plasmid DNA purification**

Date : 20.10.27

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

Date : 20.10.28

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 100 ul

● **Digestion by restriction enzyme/Concentration calibration**

Date : 20.10.28

DNA concentration (O.D.): 150 ng/ul

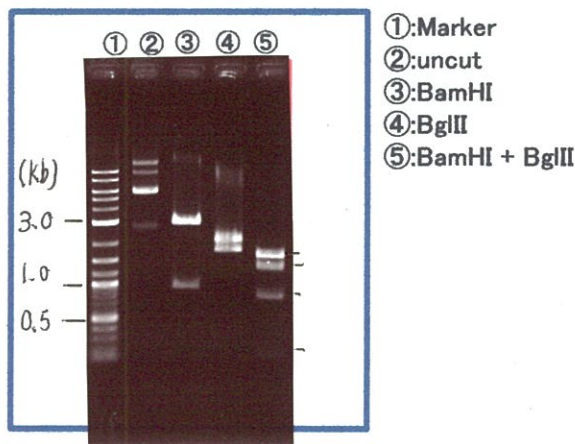
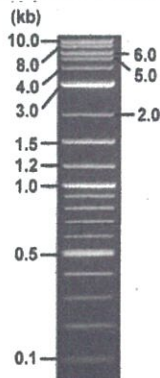
< Size of fragment expected from this clone >

DNA	0.7	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.3	ul
<b>Total</b>	<b>10</b>	<b>ul</b>

BamHI	2.9 , 1.0 kb
BglII	2.1, 1.8 kb
BamHI + BglII	1.6kb (Vector)     1.3, 0.8, 0.2 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● **Adjust plasmid DNA solution to 25 ng/ul**

Date : 20.11.04

DNA ( 150 ng/ul)	84.0	ul
10x TE	50.4	ul
dH <sub>2</sub> O	369.6	ul
<b>Total</b>	<b>504.0</b>	<b>ul</b>

● **Confirmation of the insertion sequence**

Date : 20.10.29

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	poly(A) region primer #0
List of Sequencing Primers	<a href="http://dna.brc.riken.jp/en/GNPclone3en.html">http://dna.brc.riken.jp/en/GNPclone3en.html</a>

● **Shipping**

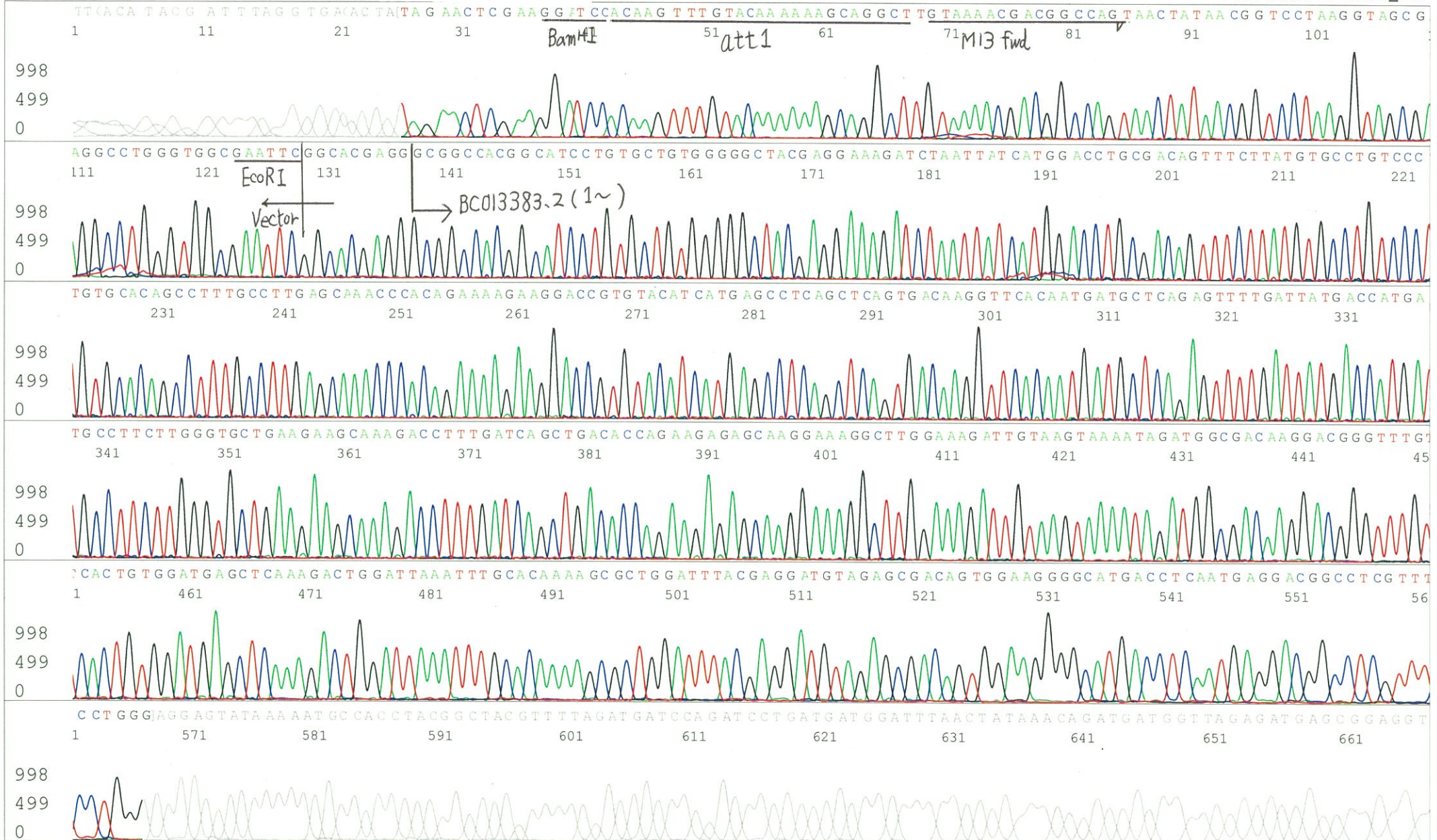
Conc. : 25 ng/ul, Volume : 40 ul

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

APPROVED BY :

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





S/N G:19 A:24 T:33 C:21

Primer B: pOTB7-R

7566\_IRAL007A24\_B0Jm\_pOTB7\_R

Oct 29, 2020 12:03PM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Oct 29, 2020 12:31PM, JST

KB 1.4.1.8 Cap:13

5' GTACTG CAGCCGATTCATTAATGC 3'

Pts 1777 to 8706 Pk1 Loc:1745

(QV) < 40.

Spacing:10.76 Pts/Panel1350

Plate Name: 20201029\_GNP

