

**RIKEN Clone ID : IRAL007L15**

Lot#: 7566\_A7F7

Vector : pOTB7

Gene	H2AFV	
Accession No.	BC000098.2	758 bp
	CDS	387 bp

● Plasmid DNA purification

Date : 170607

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

Date : 170608

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

● Digestion by restriction enzyme/Concentration calibration

Date : 170608

DNA concentration (O.D.): 82 ng/ul

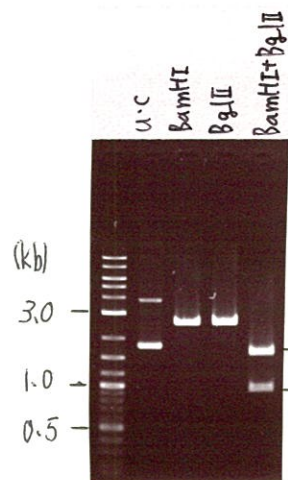
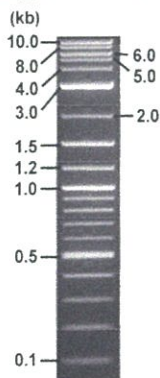
< Size of fragment expected from this clone >

DNA	<u>1</u> ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>7</u> ul
Total	10 ul

BamHI	2.5 kb
BglII	2.5 kb
BamHI + BglII	1.6kb (Vector)      0.94 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : \_\_\_\_\_

DNA ( <u>82</u> ng/ul)	<u>82.0</u> ul
10x TE	<u>26.8</u> ul
dH <sub>2</sub> O	<u>160.1</u> ul
Total	<u>268.9</u> ul

● Confirmation of the insertion sequence

Date : 170614

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	-
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

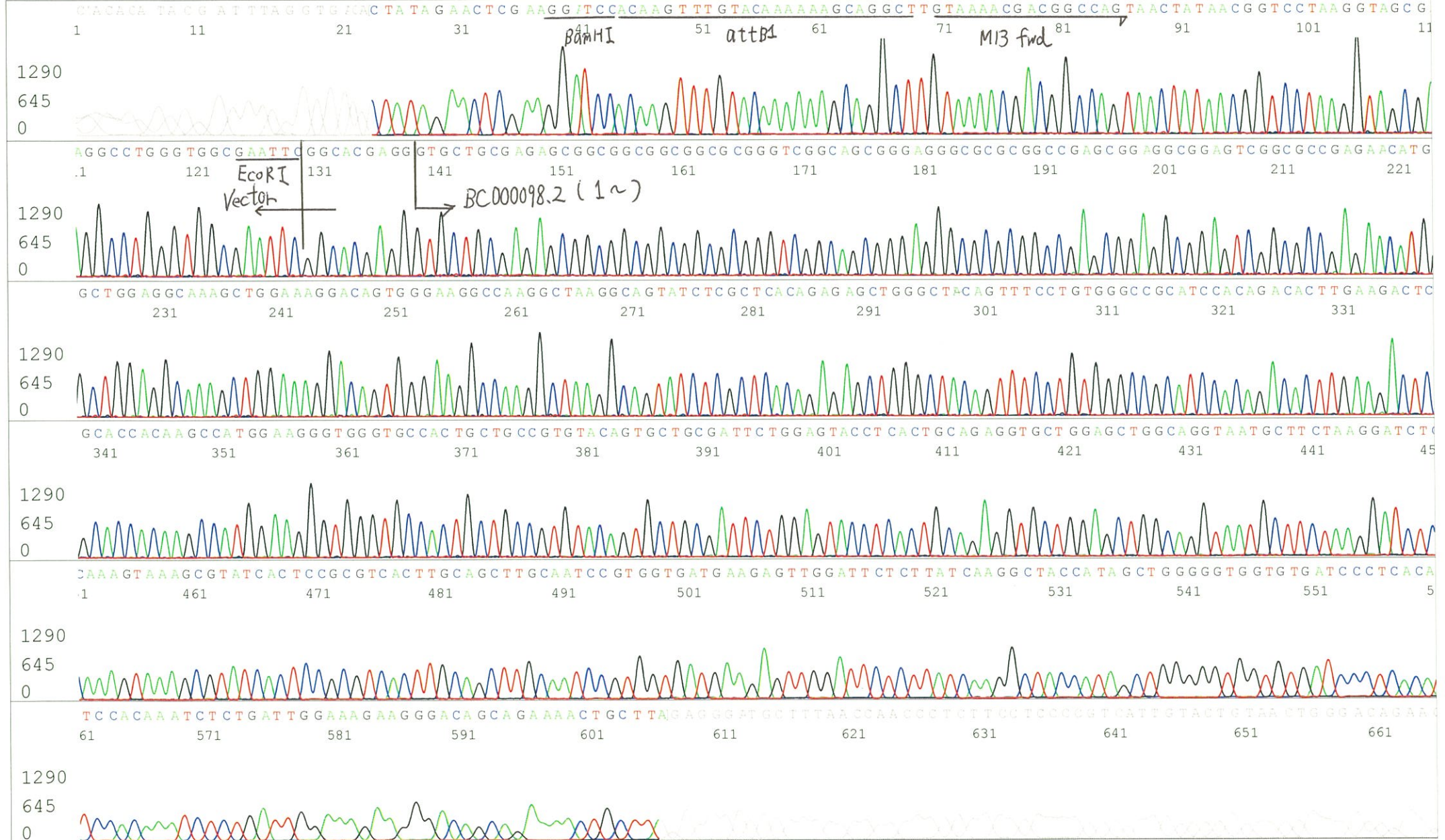


APPROVED BY : <http://dna.brc.riken.jp/index.html>

S/N G:455 A:424 T:361 C:520  
KB.bcp  
KB 1.4.1.8 Cap:2

Primer A: pOTB7-F  
5' AACGCGGCTACAATTAATACATAACC 3'

Gray line indicates quality value  
(QV) < 40.



S/N G:256 A:372 T:422 C:523  
KB.bcp  
KB 1.4.1.8 Cap:5

Primer B: pOTB7-R  
5' GTACTGCAGCCGATTTCATTAATGC 3'

IRAL007L15\_A7F7\_pOTB7\_R  
KB\_3500\_POP7\_BDTv3.mob  
Pts 1748 to 8706 Pk1 Loc:1716  
Version 6.0 HiSQV Bases: 700

Gray line indicates quality value  
(QV) < 40.

Jun 14,2017 02:48PM, JST  
Jun 14,2017 03:05PM, JST  
Spacing:10.57 Pts/Panel1350  
Plate Name: 20170614\_GNP

