

**RIKEN Clone ID : IRAL022A07**

Lot#: 7566\_A8Ft

Vector : pOTB7

Gene	FLJ12118	
Accession No.	BC007220	1850 bp
	<i>CDS</i>	1695 bp

● Plasmid DNA purification

Date : 180703

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

Date : 180705

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

● Digestion by restriction enzyme/Concentration calibration

Date : 180705

DNA concentration (O.D.): 232 ng/ul

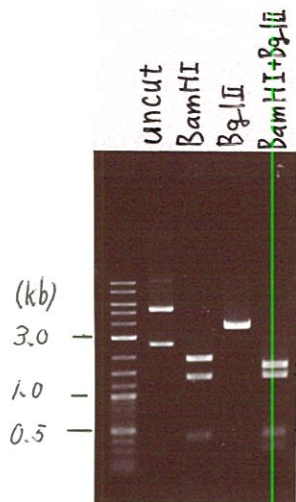
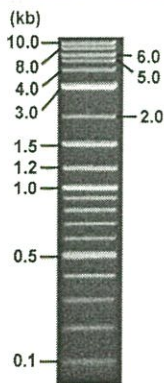
< Size of fragment expected from this clone >

DNA	<u>0.4</u> ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>7.6</u> ul
<b>Total</b>	<b>10</b> ul

BamHI	<u>1.9, 1.3, 0.4 kb</u>
BglII	3.6 kb
BamHI + BglII	1.6kb (Vector) <u>1, 3, 0.4, 0.3 kb</u>

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180709

DNA ( <u>232</u> ng/ul)	<u>87.0</u> ul
10x TE	<u>80.7</u> ul
dH <sub>2</sub> O	<u>639.6</u> ul
<b>Total</b>	<b><u>807.3</u></b> ul

● Confirmation of the insertion sequence

Date : 180706

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

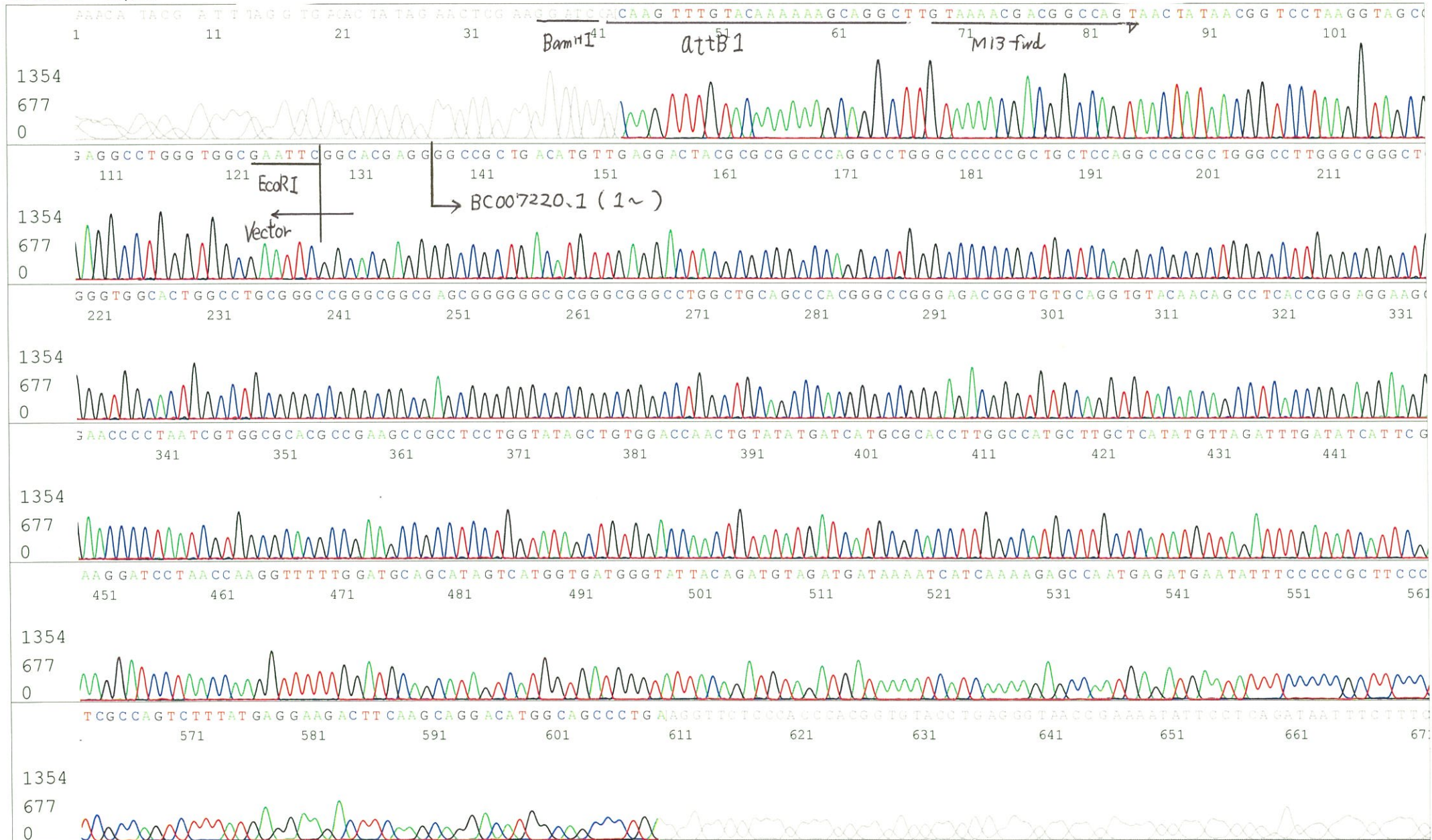
APPROVED BY :



S/N G:259 A:257 T:230 C:432  
 KB.bcp  
 KB 1.4.1.8 Cap:15

Primer A: pOTB7-F  
 5' AACGCGGCTACAATTAAATACATAACC 3'

Gray line indicates quality value  
 (QV) < 40.





S/N G:209 A:207 T:245 C:406  
KB.bcp  
KB 1.4.1.8 Cap:18

Primer B: pOTB7-R  
5' GTACTGCAGCCGATTCATTAATGC 3'

Gray line indicates quality value  
(QV) < 40.

