

RIKEN Clone ID : IRAL014017

Lot#: 7566_A6Bp

Vector : pOTB7

Gene	FOS	
Accession No.	BC004490.2	1814 bp
	CDS	1143 bp

● Plasmid DNA purification

Date : 160225

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

Date : 160302

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 160302

DNA concentration (O.D.): 121 ng/ul

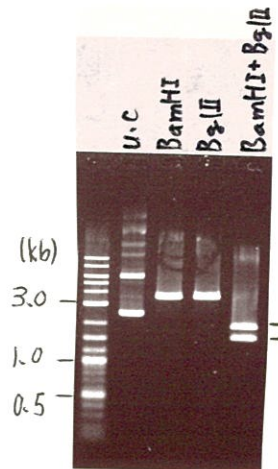
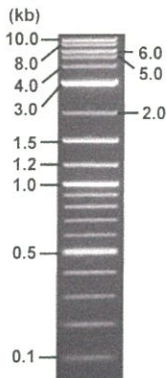
< Size of fragment expected from this clone >

DNA	0.8	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O		ul
Total	10	ul

BamHI	3.6	kb
BglII	3.6	kb
BamHI + BglII	1.6kb (Vector)	2.0 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 160304

● Confirmation of the insertion sequence

Date : 160303

DNA (<u>121</u> ng/ul)	<u>78.0</u>	ul
10x TE	<u>37.8</u>	ul
dH ₂ O	<u>261.7</u>	ul
Total	<u>377.5</u>	ul

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	Poly(A) region primer # <u>7</u>
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

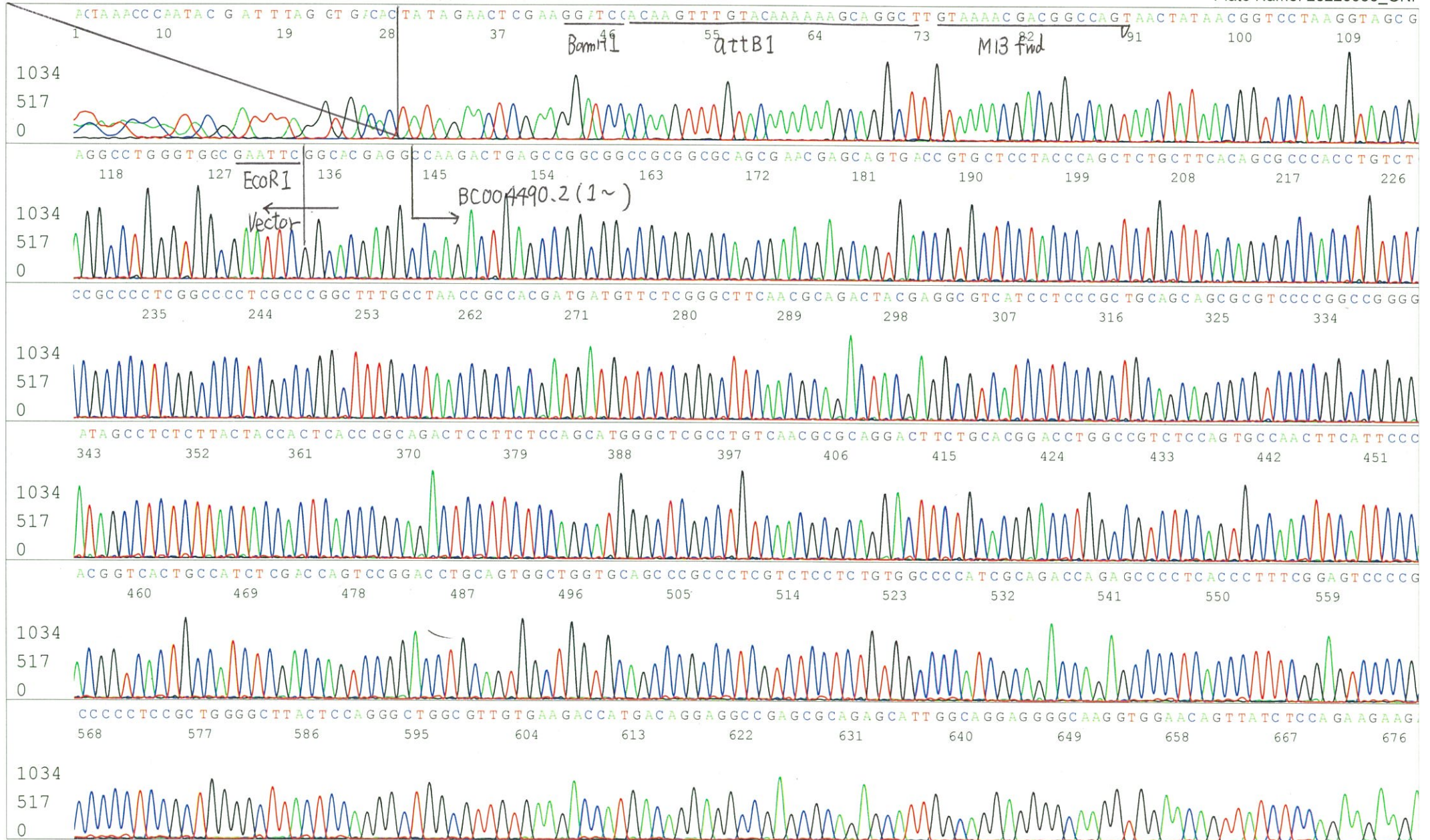
APPROVED BY :

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



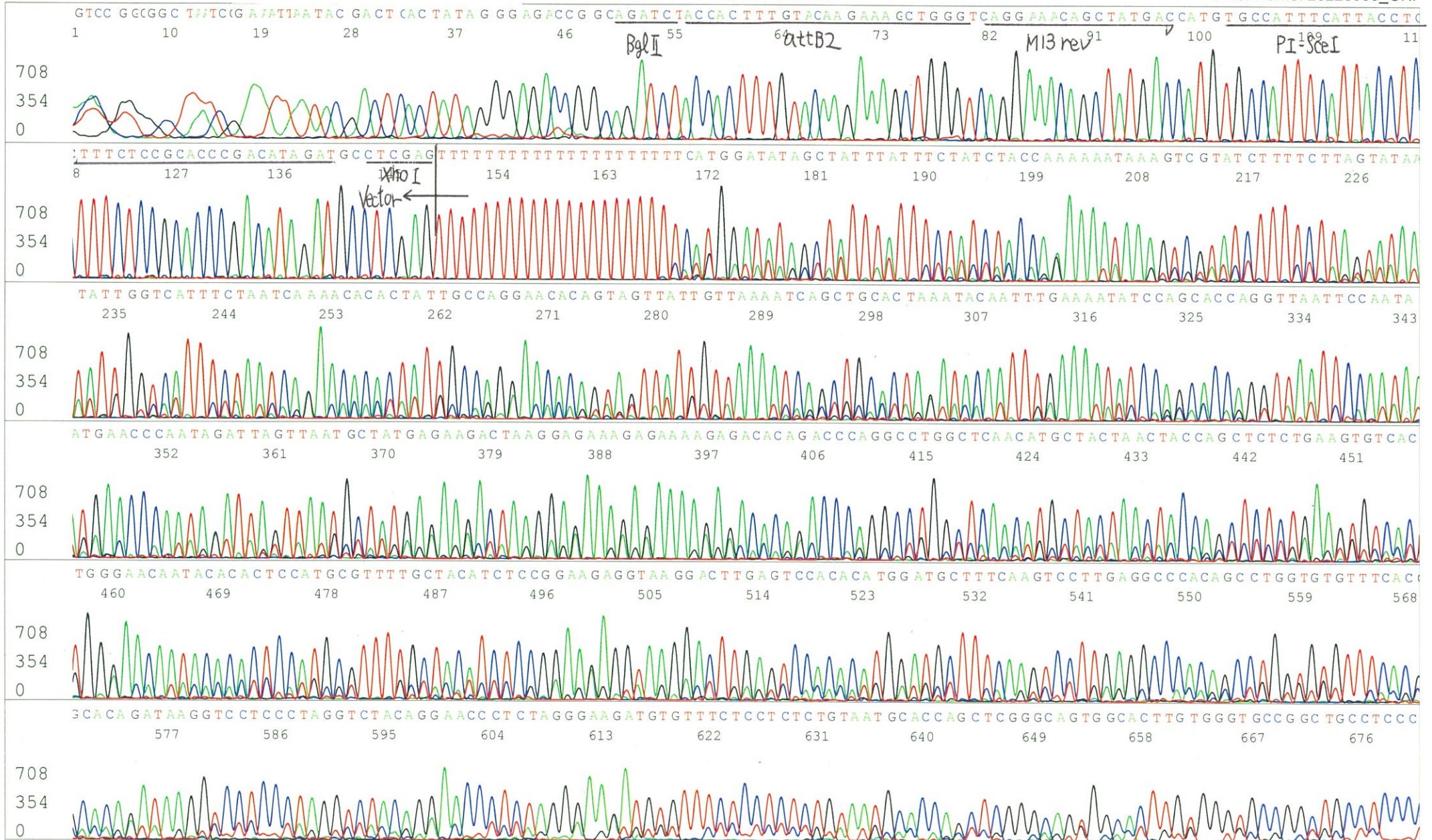
S/N G:64 A:72 T:42 C:85
KB.bcp
KB 1.4.1.8 Cap:1

Primer A: pOTB7-F
5' AACGCGGCTACAATTAATACATAACC 3'



S/N G:51 A:79 T:56 C:67
KB.bcp
KB 1.4.1.8 Cap:2

Primer B: pOTB7-R
5' GTACTGCAGCCGATTCATTAATGC 3'



S/N G:16 A:20 T:13 C:19

Primer C : Poly(A) region primer # 7

7566_IRAL014O17_A6Bp_GNP07

Oct 05,2022 09:56AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Oct 05,2022 10:26AM, JST

KB 1.4.1.8 Cap:7

5' TTTTTTTTTTTTTTTTTTTTCAI3'

Pts 1377 to 14066 Pk1 Loc:1354

(QV) < 40.

Spacing:12.59 Pts/Panel1350

Version 6.0 HiSQV Bases: 900

Plate Name: 20221005_GNP

