

RIKEN Clone ID : IRAL010C24

Lot#: 7566_A7F7

Vector : pOTB7

Gene	ACP1	
Accession No.	BC007422.2	1422 bp
	CDS	477 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 -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 170608

DNA concentration (O.D.): 44 ng/ul

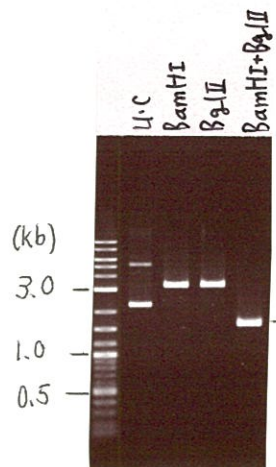
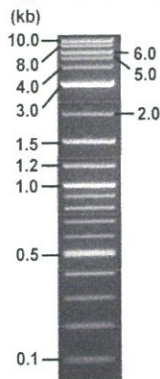
< Size of fragment expected from this clone >

DNA	2	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	6	ul
Total	10	ul

BamHI	3.2	kb
BglII	3.2	kb
BamHI + BglII	1.6kb (Vector)	1.6

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : _____

DNA (44 ng/ul)	70.0	ul
10x TE	12.3	ul
dH ₂ O	40.9	ul
Total	123.2	ul

● Confirmation of the insertion sequence

Date : 170614

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	poly(A) region primer #0
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:120 A:146 T:140 C:165

Primer A: pOTB7-F

IRAL010C24_A7F7_pOTB7_F

Jun 14,2017 02:48PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Jun 14,2017 03:05PM, JST

KB 1.4.1.8 Cap:3

5' AACGCGGCTACAATTAATACATAACC 3'

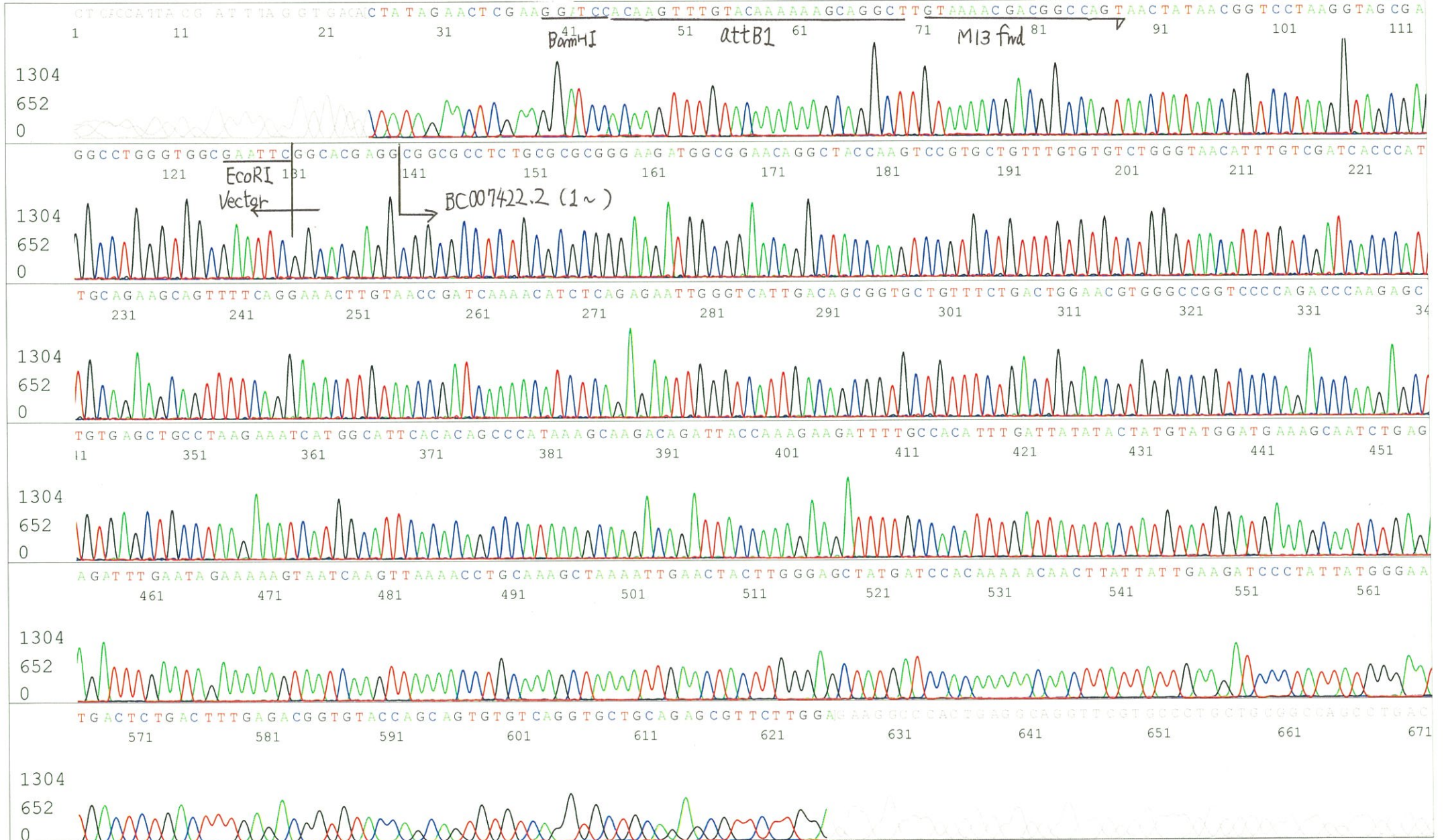
Pts 1752 to 8706 Pk1 Loc:1720

(QV) < 40.

Spacing:10.66 Pts/Panel1350

Version 6.0 HiSQV Bases: 719

Plate Name: 20170614_GNP

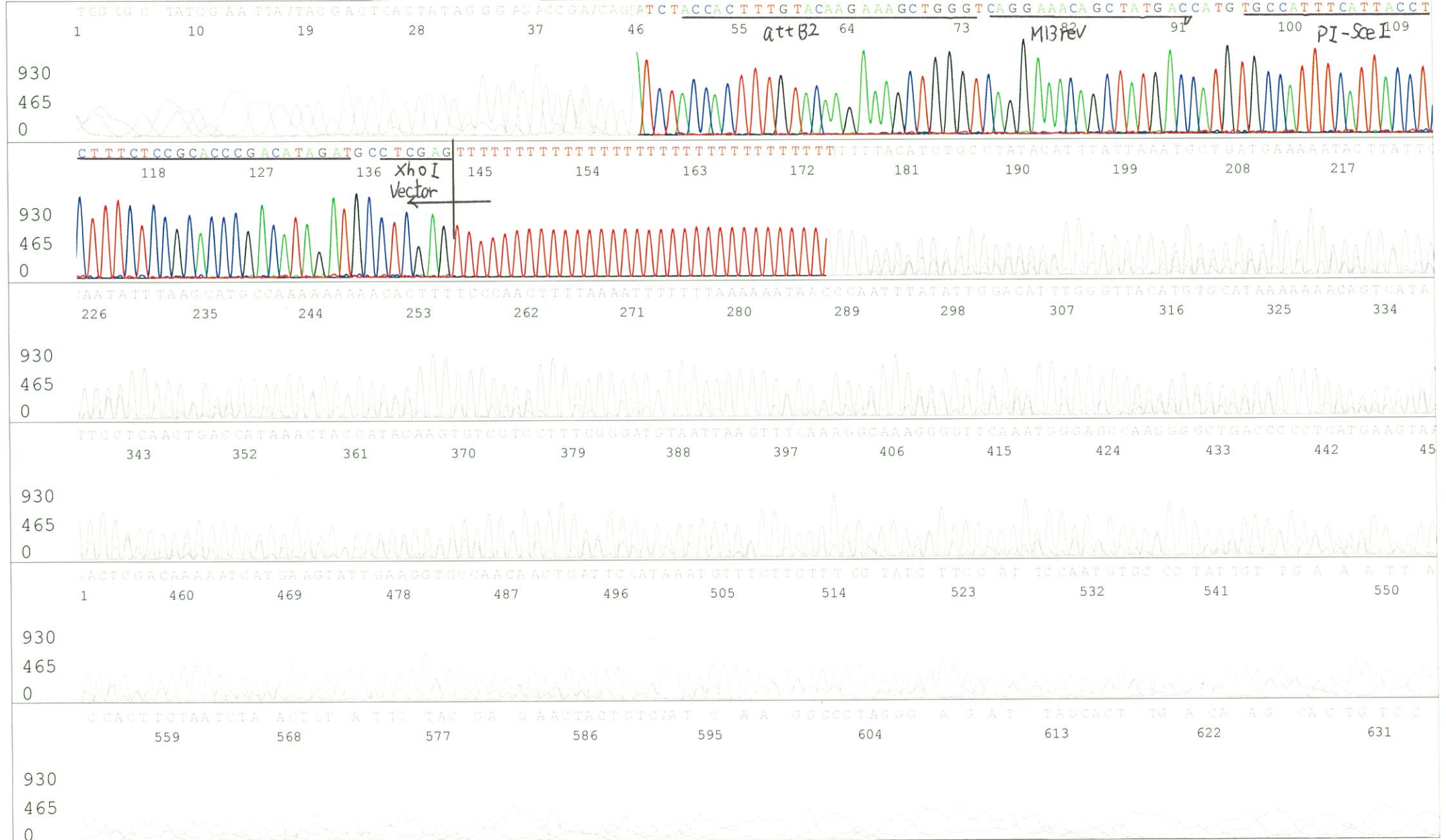


S/N G:119 A:171 T:194 C:199
KB.bcp
KB 1.4.1.8 Cap:6

Primer B: pOTB7-R

5' GTACTGCAGCCGATTTCATTAATGC 3'

Gray line indicates quality value
(QV) < 40.



S/N G:81 A:115 T:117 C:126
KB.bcp
KB 1.4.1.8 Cap:9

Primer C : Poly(A) region primer #0
5' TTTTTTTTTTTTTTTTTTTTTTNNN 3'

IRAL010C24_A7F7_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1750 to 8706 Pk1 Loc:1718
Version 6.0 HiSQV Bases: 722

Gray line indicates quality value (QV) < 40.

Jun 14, 2017 02:48PM, JST
Jun 14, 2017 03:05PM, JST
Spacing:10.49 Pts/Panel1350
Plate Name: 20170614_GNP

