

RIKEN Clone ID : IRAL003P03

Lot#: 7566_A6Gp

Vector : pOTB7

Gene	GLB1	
Accession No.	BC007493.2	2418 bp
	<i>CDS</i>	2034 bp

● Plasmid DNA purification

Date : 160725

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

Date : 160726

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 160726

DNA concentration (O.D.): 200 ng/ul

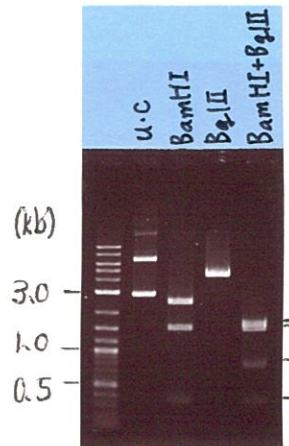
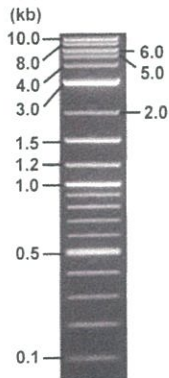
< Size of fragment expected from this clone >

DNA	0.5	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.5	ul
Total	10	ul

BamHI	2.4, 1.5, 0.34 kb
BglII	4.2 kb
BamHI + BglII	1.6kb (Vector) 1.5, 0.78, 0.34 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 160728

● Confirmation of the insertion sequence

Date : 160727

DNA (<u>200</u> ng/ul)	<u>25.0</u>	ul
10x TE	<u>68.0</u>	ul
dH ₂ O	<u>527.0</u>	ul
Total	<u>680.0</u>	ul

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	-
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

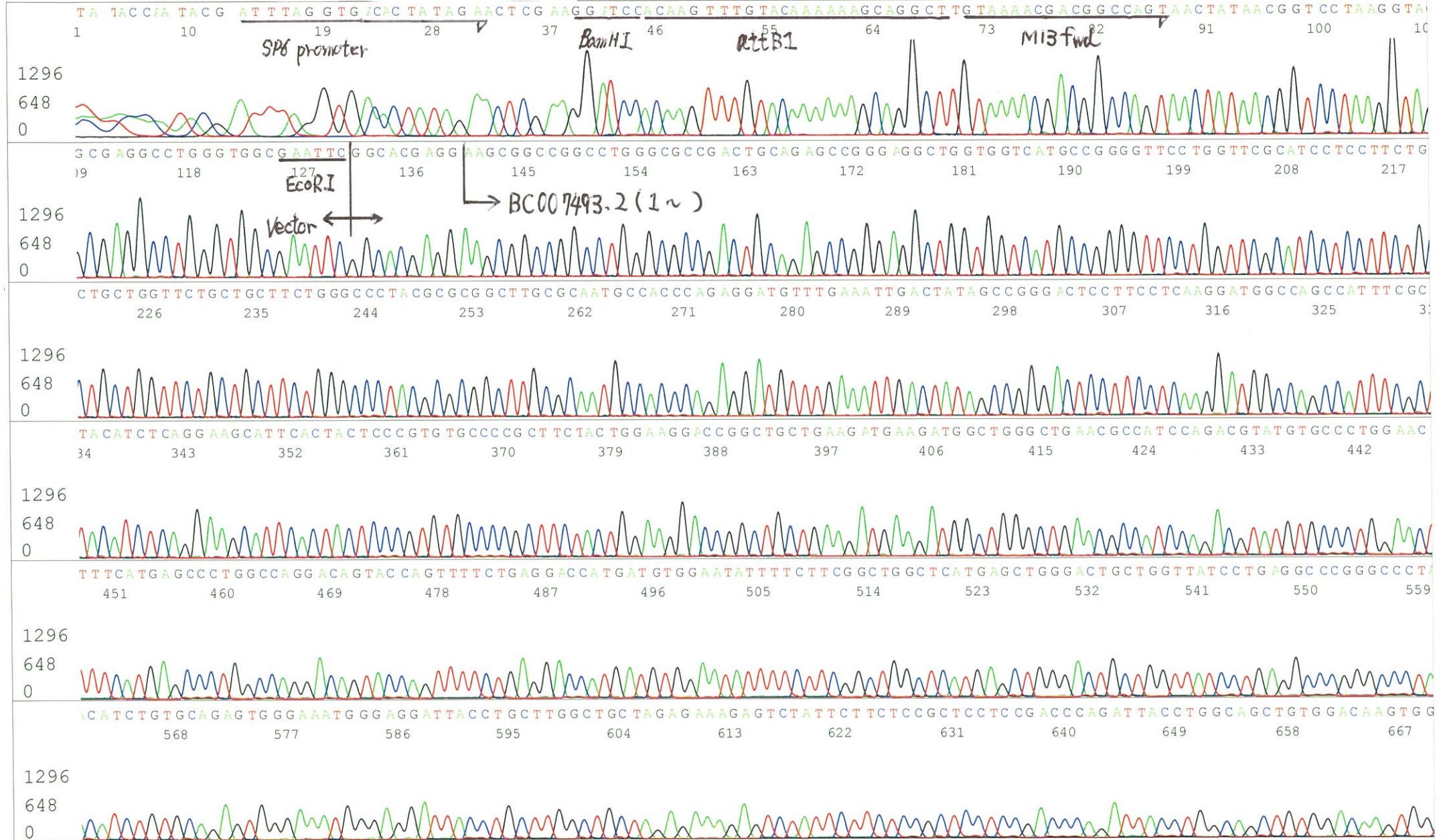
APPROVED BY :

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

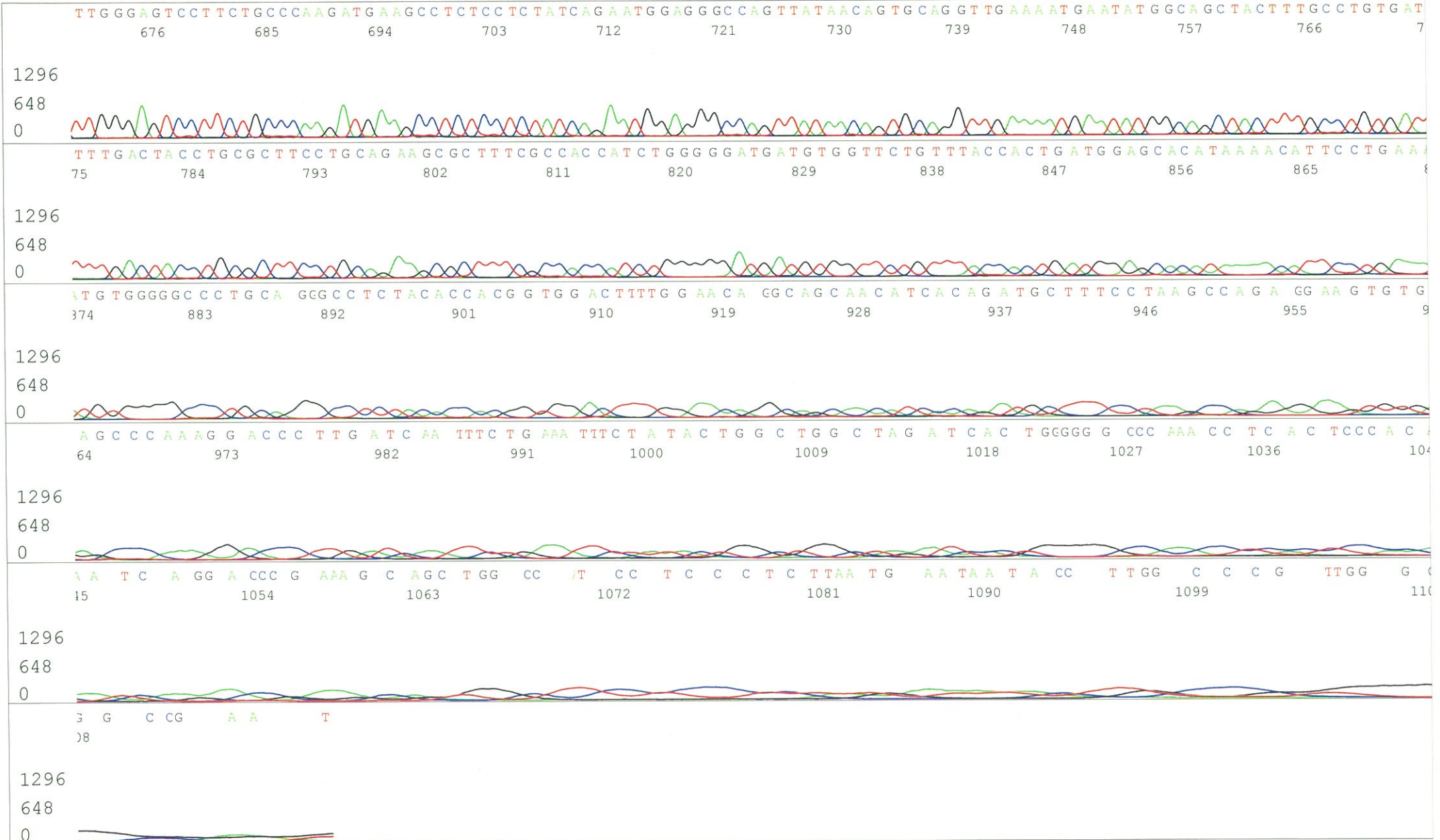


S/N G:536 A:360 T:560 C:648
KB.bcp
KB 1.4.1.8 Cap:3

Primer A: pOTB7-F
5' AACGCGGCTACAATTAATACATAACC 3'

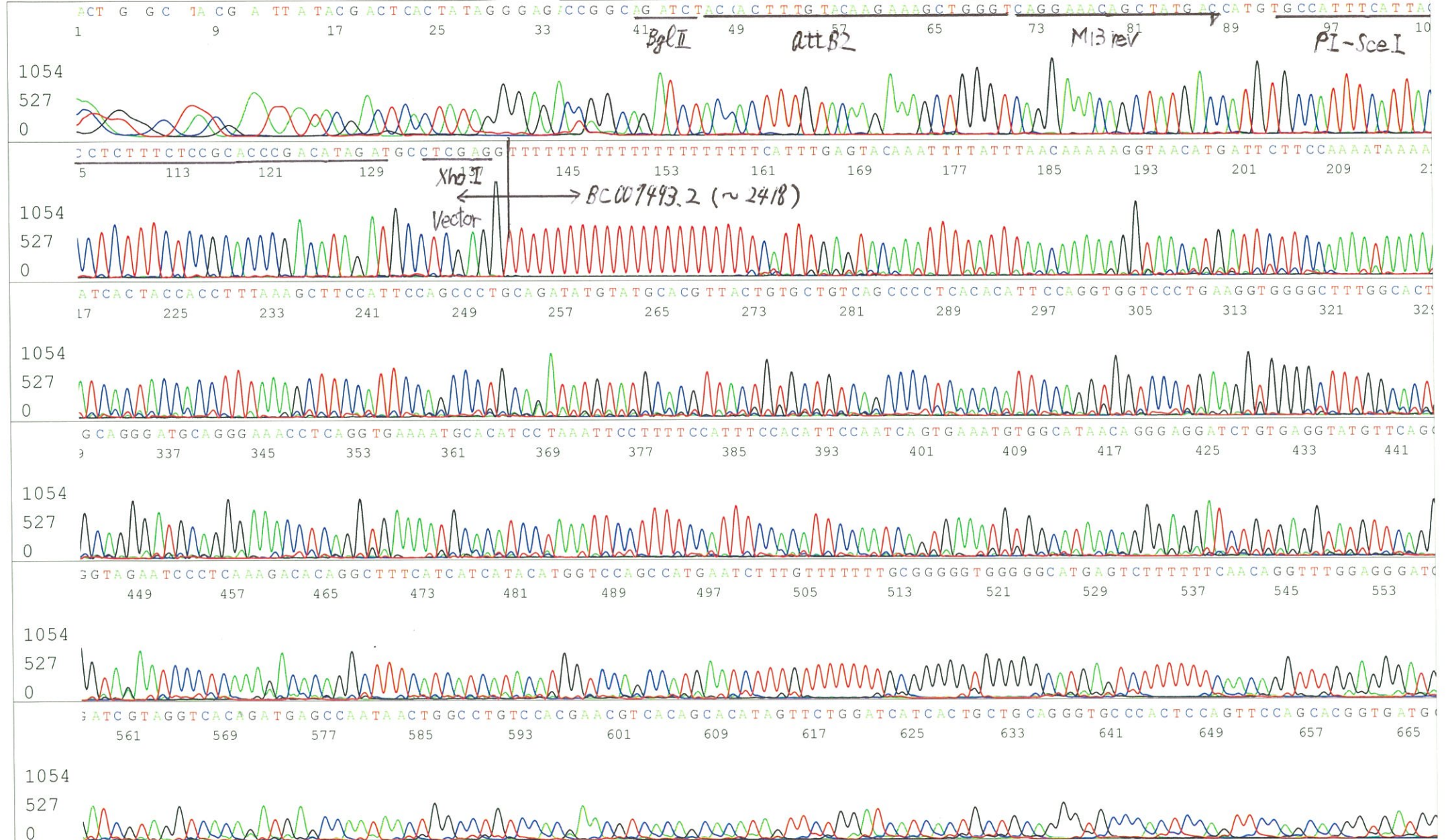


S/N G:536 A:360 T:560 C:648
KB.bcp
KB 1.4.1.8 Cap:3



S/N G:664 A:566 T:836 C:721
KB.bcp
KB 1.4.1.8 Cap:6

Primer B: pOTB7-R
5' GTACTGCAGCCGATTCATTAATGC 3'



S/N G:664 A:566 T:836 C:721
KB.bcp
KB 1.4.1.8 Cap:6

