

RIKEN Clone ID : IRAL014G09

Lot#: 7566_A6f

Vector : pOTB7

Gene	PYCARD	
Accession No.	BC004470.2	759 bp
	<i>CDS</i>	408 bp

● Plasmid DNA purification

Date : 160915

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

Date : 160920

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 160920

DNA concentration (O.D.): 104 ng/ul

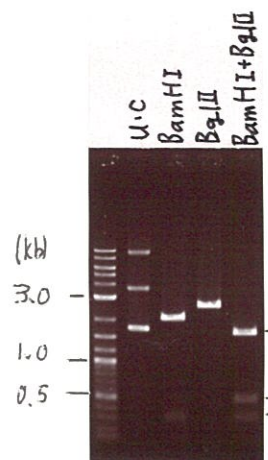
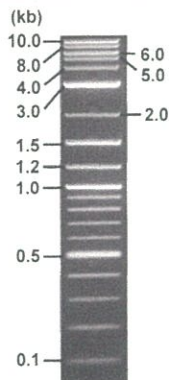
< Size of fragment expected from this clone >

DNA	1	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7	ul
Total	10	ul

BamHI	2.1 , 0.32, 0.13 kb
BglII	2.6 kb
BamHI + BglII	1.6kb (Vector) 0.50, 0.32, 0.13 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 160921

DNA (<u>104</u> ng/ul)	<u>83.0</u>	ul
10x TE	<u>34.5</u>	ul
dH ₂ O	<u>227.8</u>	ul
Total	<u>345.3</u>	ul

● Confirmation of the insertion sequence

Date : 160920

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

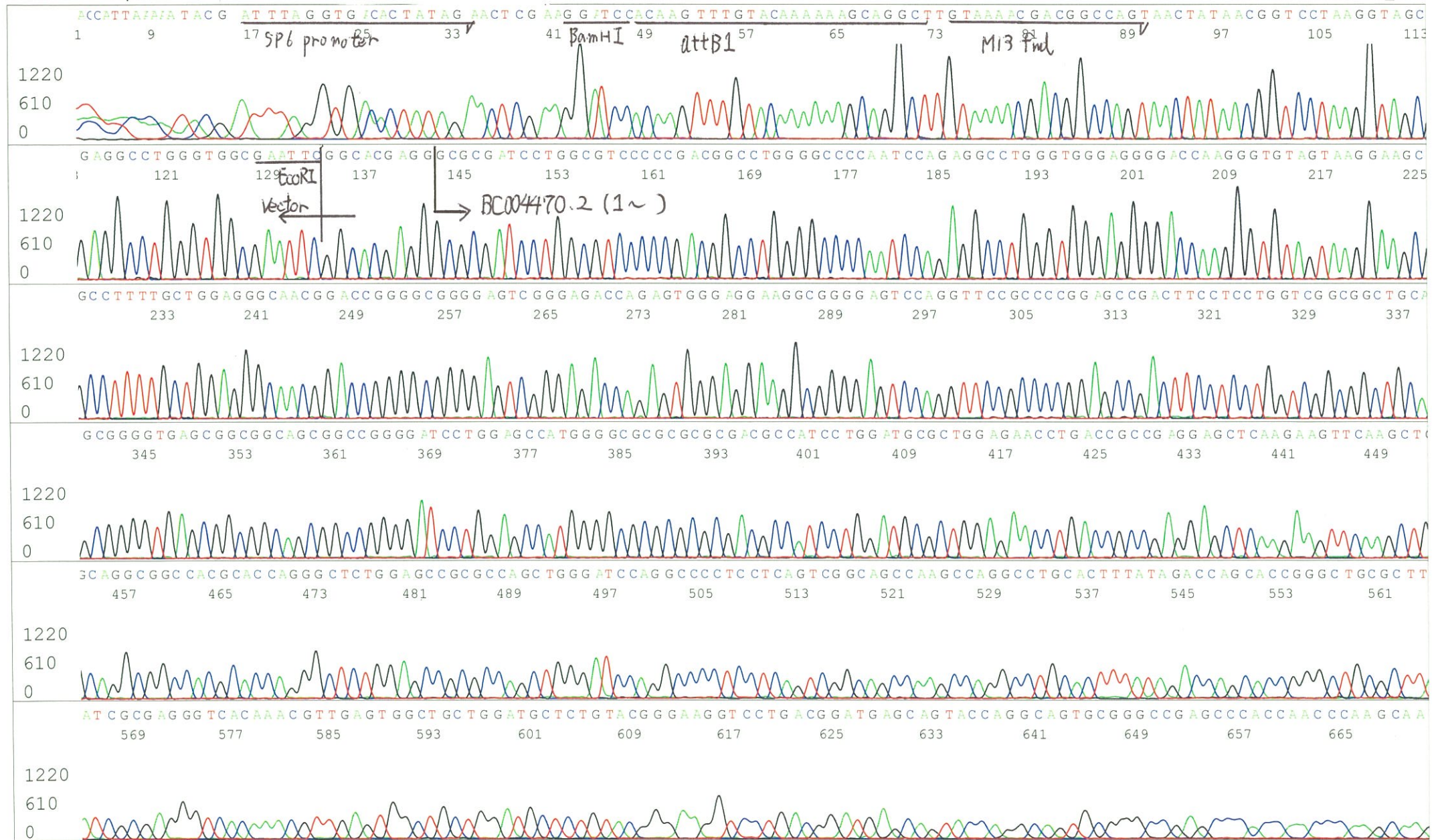
APPROVED BY :

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

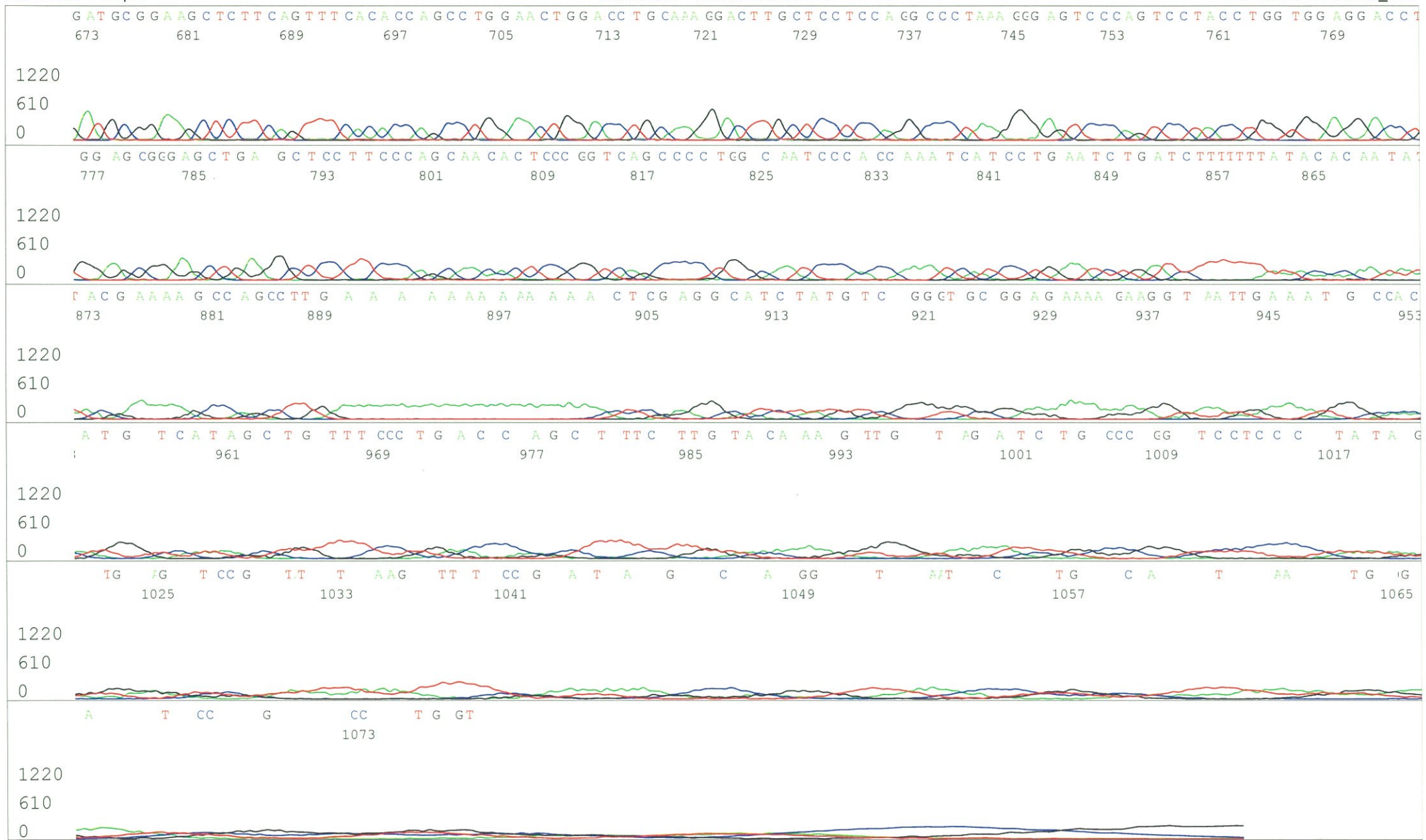


S/N G:95 A:96 T:100 C:158
KB.bcp
KB 1.4.1.8 Cap:3

Primer A: pOTB7-F
5' AACGCGGCTACAATTAATACATAACC 3'

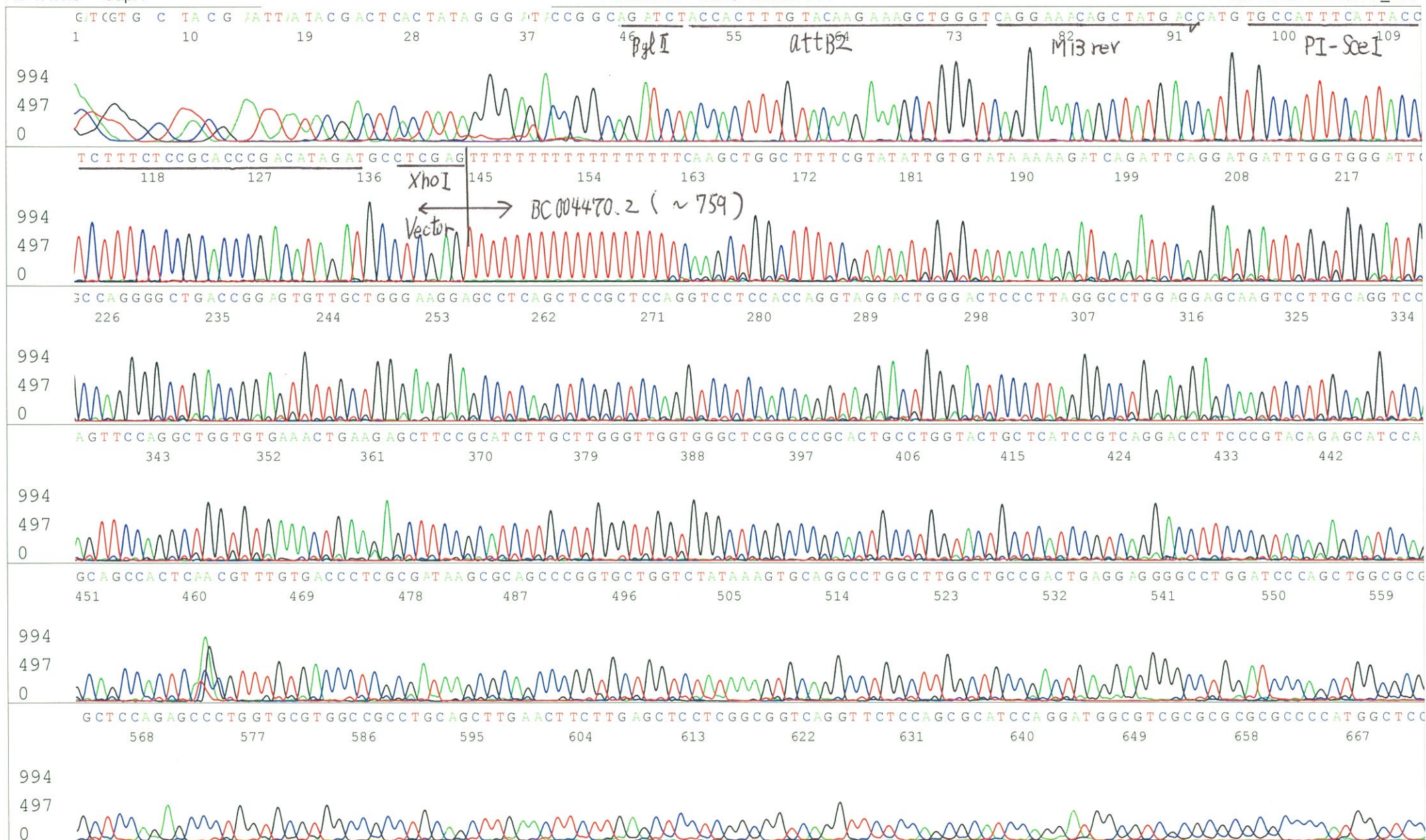


S/N G:95 A:96 T:100 C:158
KB.bcp
KB 1.4.1.8 Cap:3



S/N G:105 A:106 T:154 C:202
KB.bcp
KB 1.4.1.8 Cap:4

Primer B: pOTB7-R
5' GTACTGCAGCCGATTCATTAATGC 3'



S/N G:105 A:106 T:154 C:202
KB.bcp
KB 1.4.1.8 Cap:4

