

RIKEN Clone ID : IRAL004A17

Lot#: 7566_A5B6

Vector : pOTB7

Gene	RHOA	
Accession No.	BC001360.2	1424 bp
	<i>CDS</i>	582 bp
		1..1424
		113..694

● Plasmid DNA purification

Date : 15 02 09

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

Date : 15 02 10

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 15 02 12

DNA concentration (O.D.): 138 ng/ul

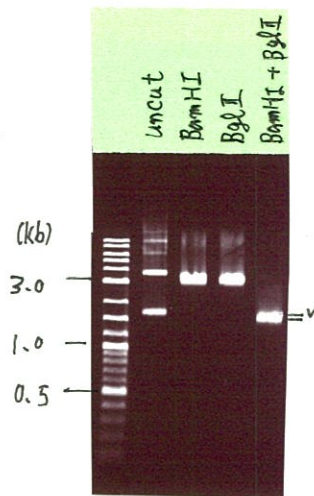
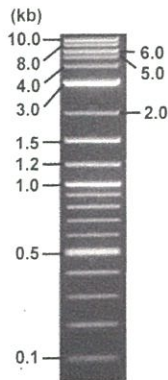
< Size of fragment expected from IRAL004A17 >

DNA	0.4	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.6	ul
Total	10	ul

BamHI	3225 bp
BglII	3225 bp
BamHI + BglII	1615bp (Vector) 1610 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 15 02 16

● Confirmation of the insertion sequence

Date : 15 02 12

DNA (138 ng/ul)	85.0	ul
10x TE	46.9	ul
dH ₂ O	337.3	ul
Total	469.2	ul

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

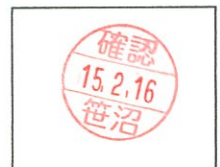
● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

Conc. : ~~25~~ ng/ul, Volume : ~~40~~ ul

APPROVED BY :

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



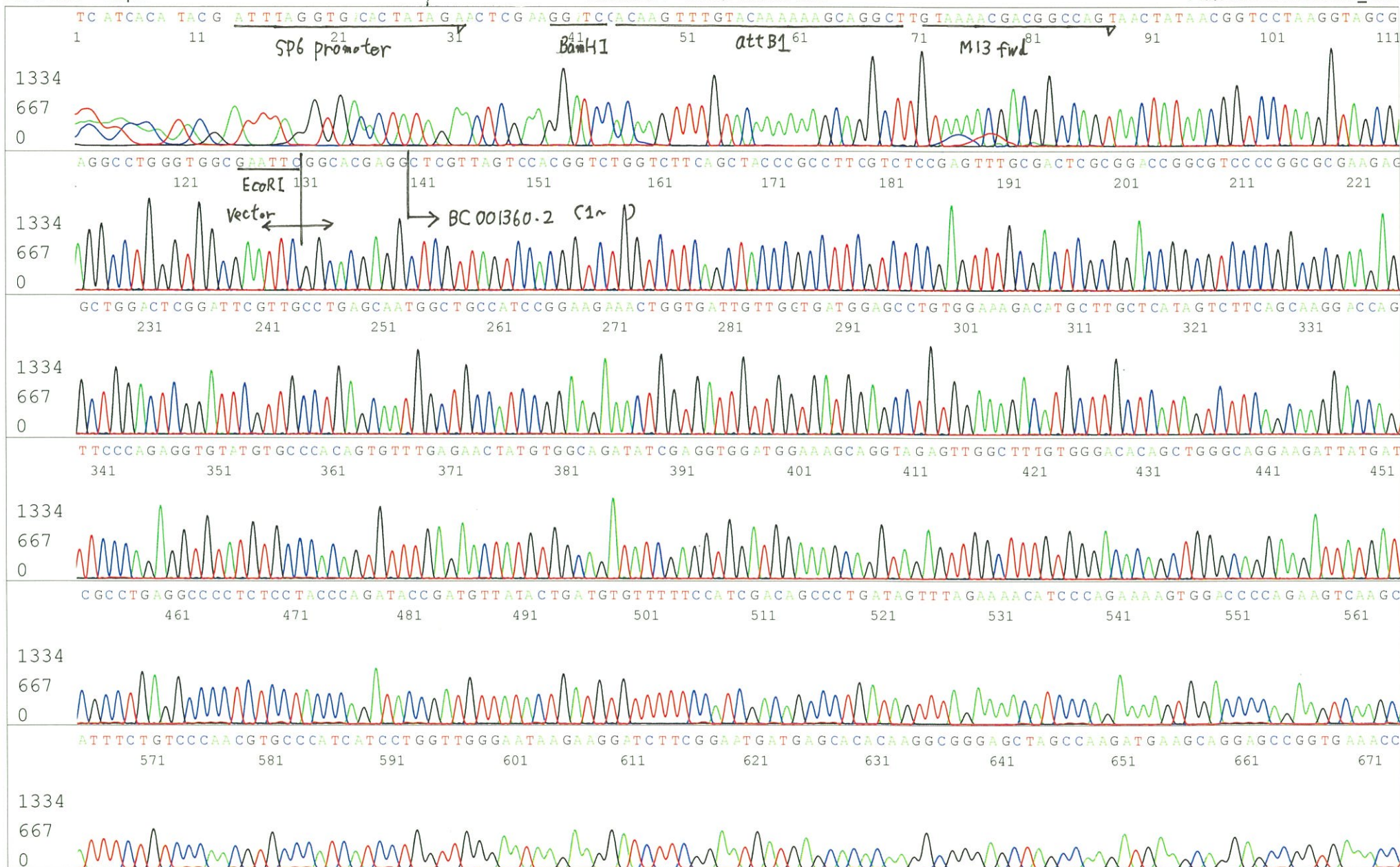
S/N G:569 A:544 T:384 C:

Primer A: pOTB7-F

KB.bcp

KB 1.4.1.8 Cap:1

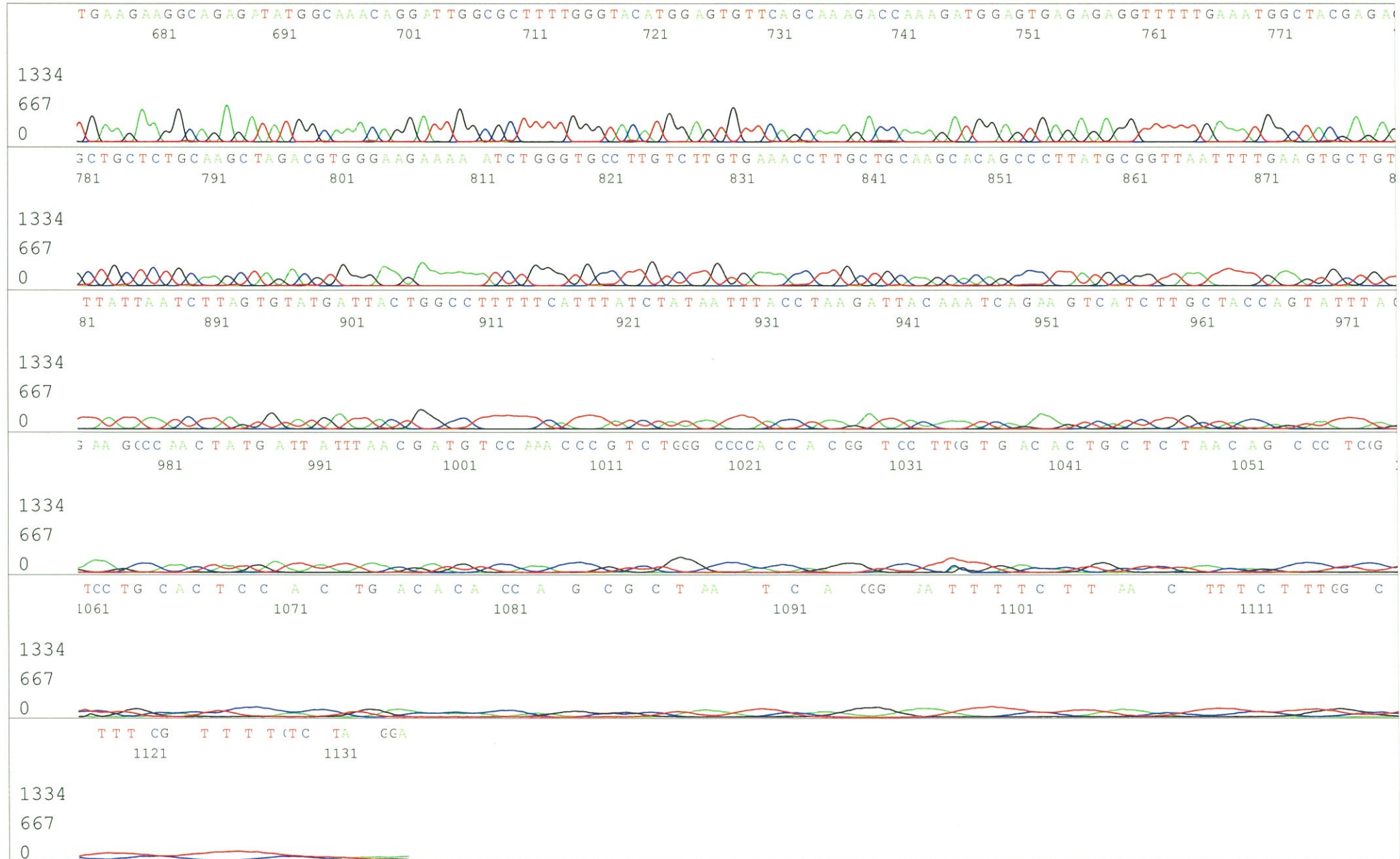
5' AACGCGGCTACAATTAATACATAACC 3'

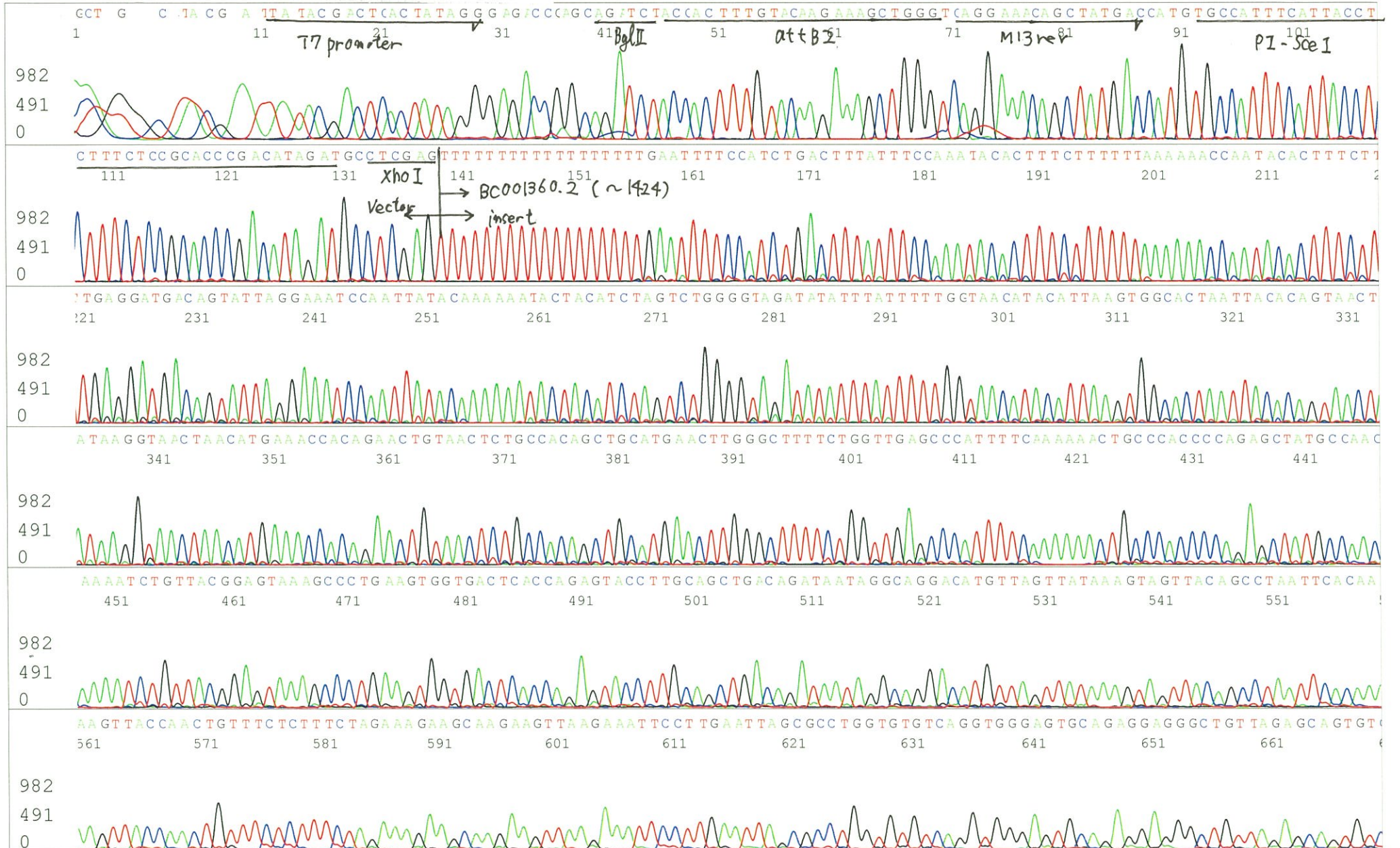


S/N G:569 A:544 T:384 C:437

KB.bcp

KB 1.4.1.8 Cap:1





S/N G:1226 A:1429 T:1239 C:1053
KB.bcp
KB 1.4.1.8 Cap:4

