

RIKEN Clone ID : IRAL008F08

Lot#: 7566_A3Gb

Vector : pOTB7

Gene	TP53	
Accession No.	BC003596.1	2508 bp
		1..2508
	<i>CDS</i>	1182 bp
		121..1302

● Plasmid DNA purification

Date : 130716

Culture : LB (25 ug/ml Chloramphenicol) 10 ml -> at 37 deg C over night

Date : 130717

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 130717

DNA concentration (O.D.): 250 ng/ul

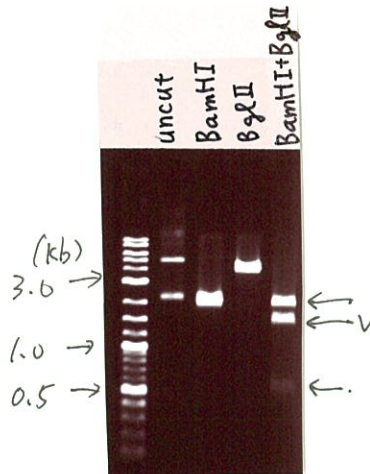
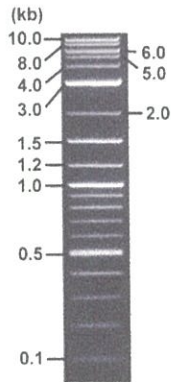
< Size of fragment expected from IRAL008F08 >

DNA	0.2	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.8	ul
Total	10	ul

BamHI	2206, 2103 bp
BglII	4309 bp
BamHI + BglII	1615bp (Vector) 2103, 591 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 130719

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

● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

Date : 130722

DNA (250 ng/ul)	85.0	ul
10x TE	85.0	ul
dH ₂ O	680.0	ul
Total	850.0	ul



APPROVED BY :

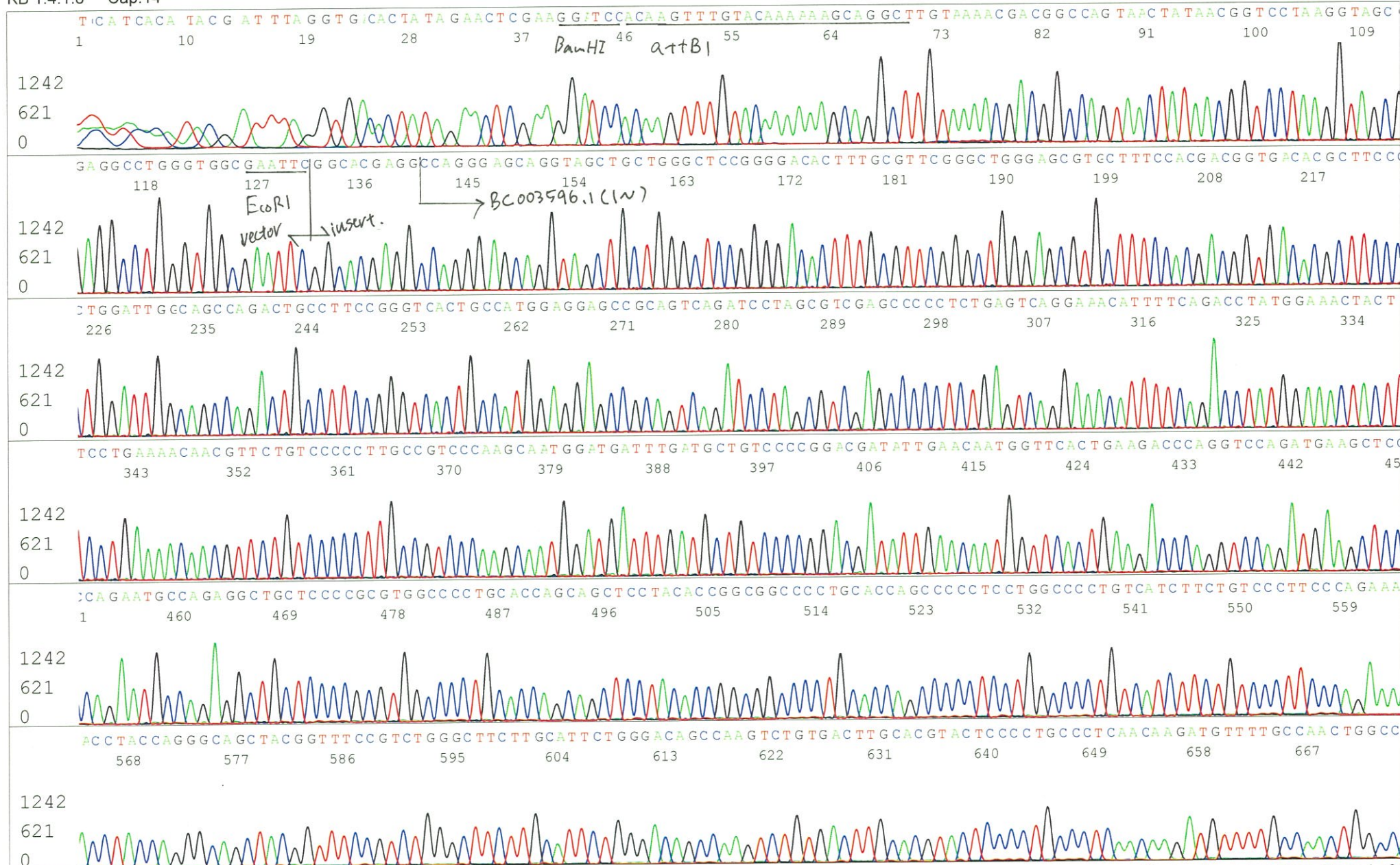
<http://dna.brc.riken.jp/index.html>

S/N G:468 A:322 T:224 C:337 Primer A: pOTB7-F

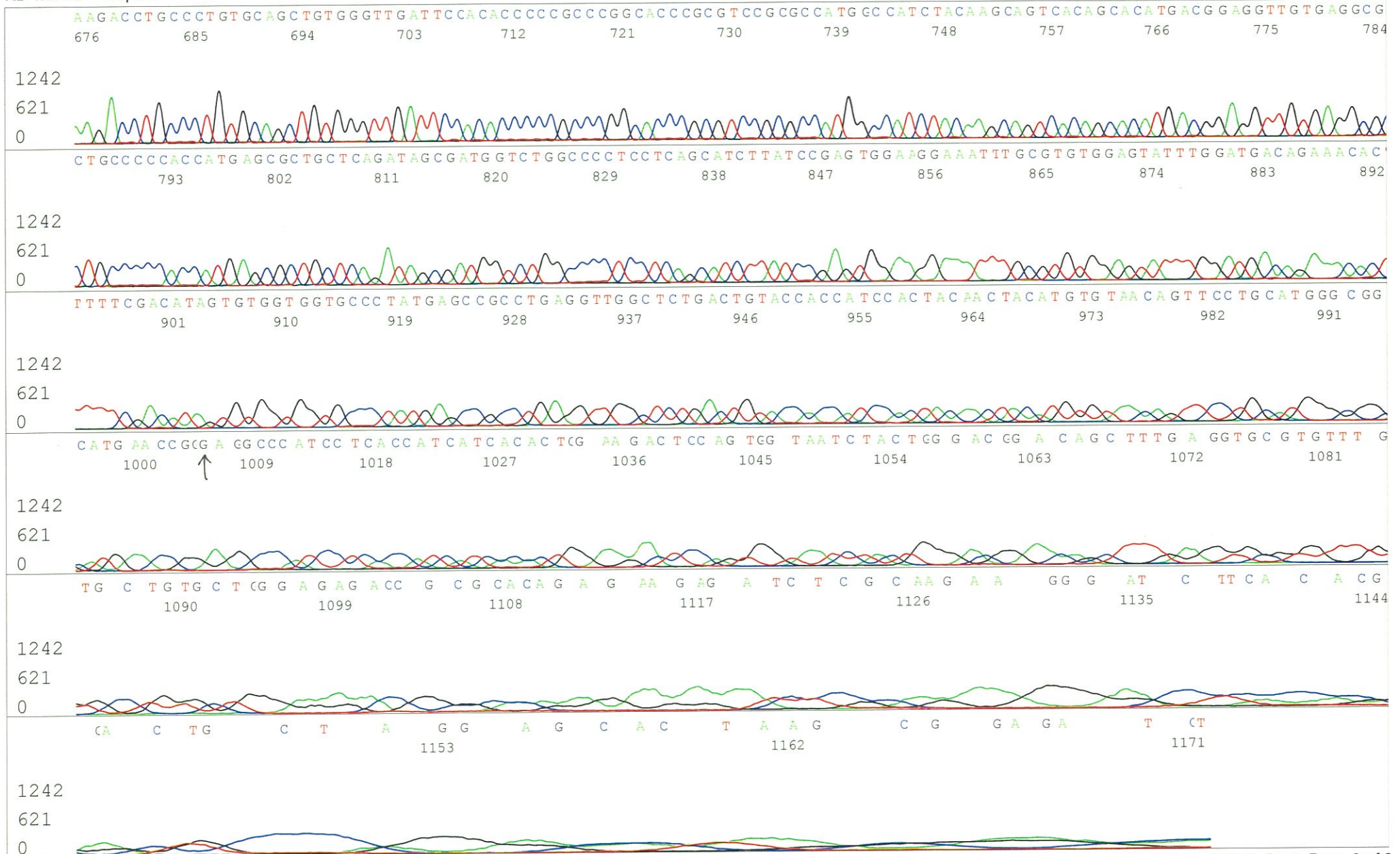
KB.bcp

KB 1.4.1.8 Cap:14

5' AACCGGGCTACAATTAATACATAACC 3'



S/N G:468 A:322 T:224 C:337
KB.bcp
KB 1.4.1.8 Cap:14

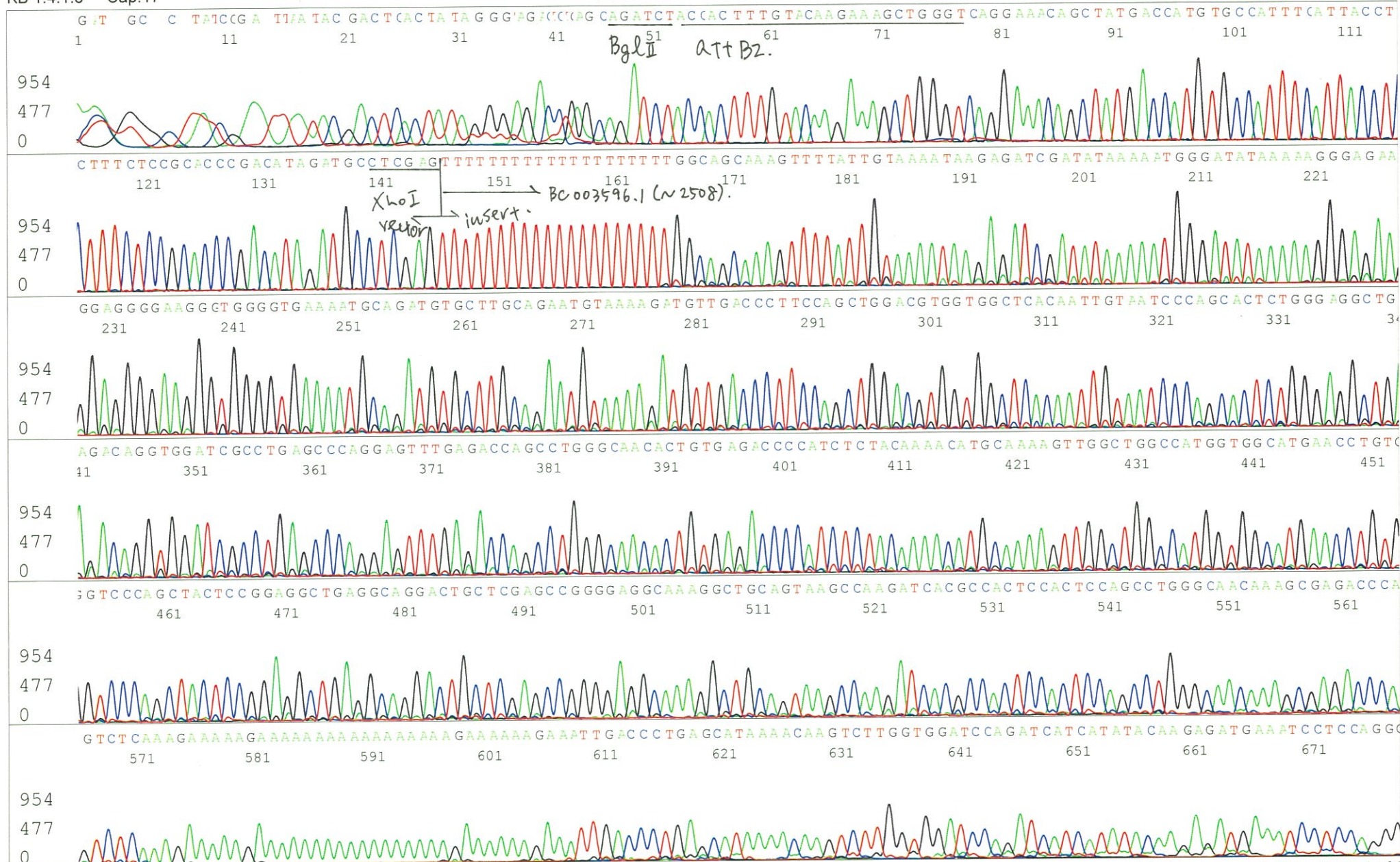


S/N G:538 A:513 T:323 C:301 Primer B: pOTB7-R

KB.bcp

KB 1.4.1.8 Cap:17

5' GTACTGCAGCCGATTCATTAATGC 3'



S/N G:538 A:513 T:323 C:301
KB.bcp
KB 1.4.1.8 Cap:17

