

RIKEN Clone ID : IRAL002H11

Vector : pOTB7

Gene	GSPT1	
Accession No.	BC009503.2	2523 bp
	<i>CDS</i>	1902 bp
		1..2523
		159..2060

● Plasmid DNA purification

Date : 140924

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

Date : 140925

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140925

DNA concentration (O.D.): 107 ng/ul

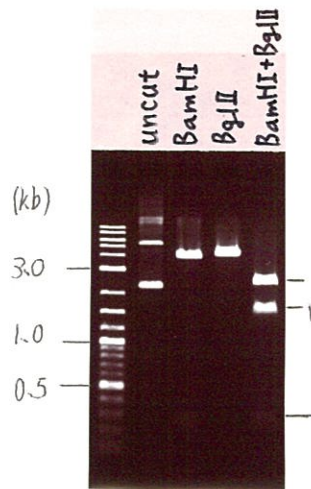
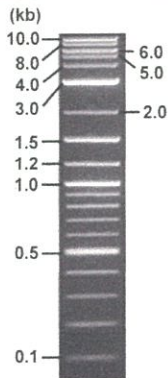
< Size of fragment expected from IRAL002H11 >

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	4071	, 253 bp
BglII	4324	bp
BamHI + BglII	1615bp (Vector)	2456, 253 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 140930

● Confirmation of the insertion sequence

Date : 140930

DNA (<u>107</u> ng/ul)	85.0	ul
10x TE	36.4	ul
dH ₂ O	242.4	ul
Total	363.8	ul

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

● Shipping

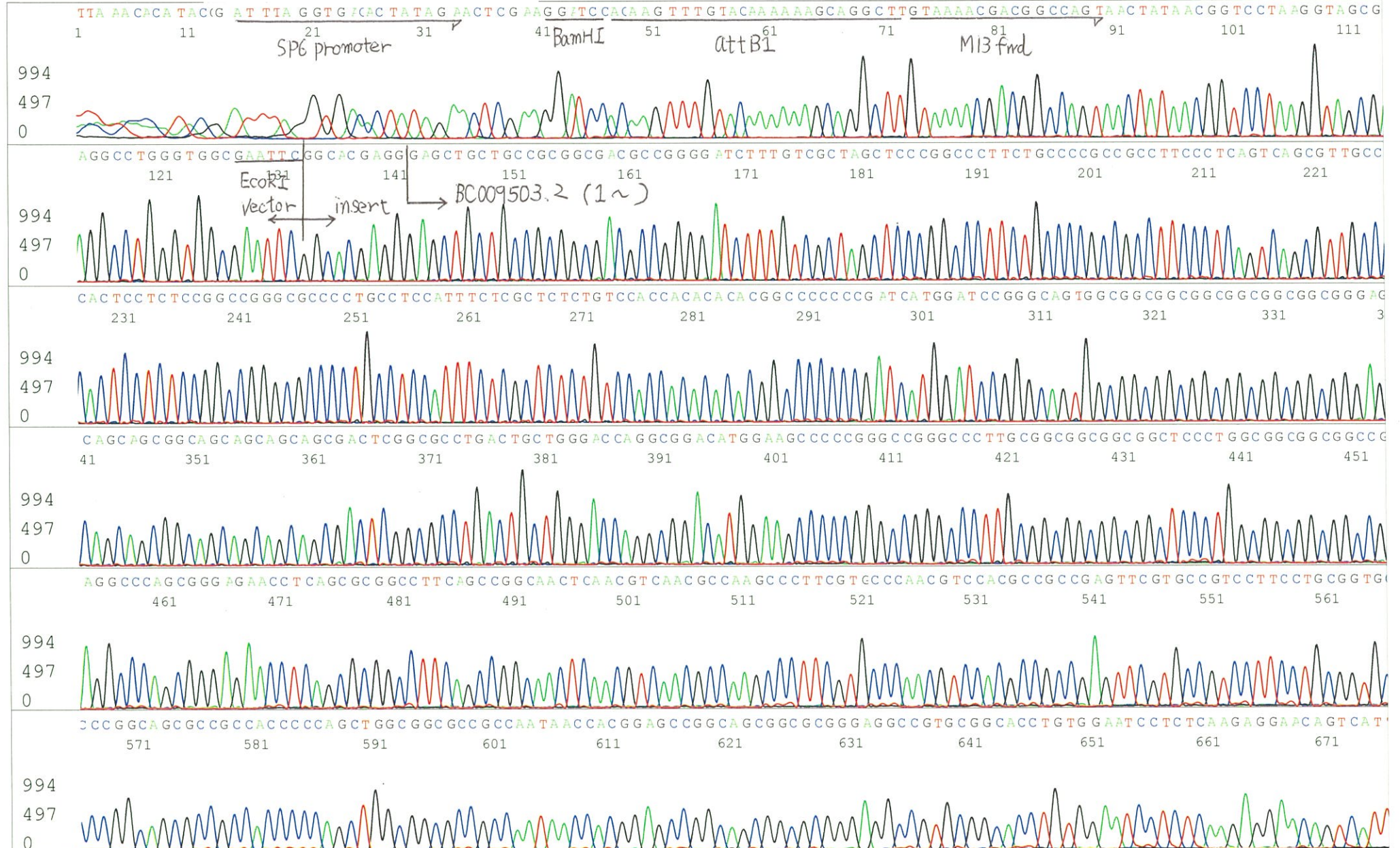
Conc. : 25 ng/ul, Volume : 40 ul
 ~~Conc. : ng/ul, Volume : ul~~

APPROVED BY :

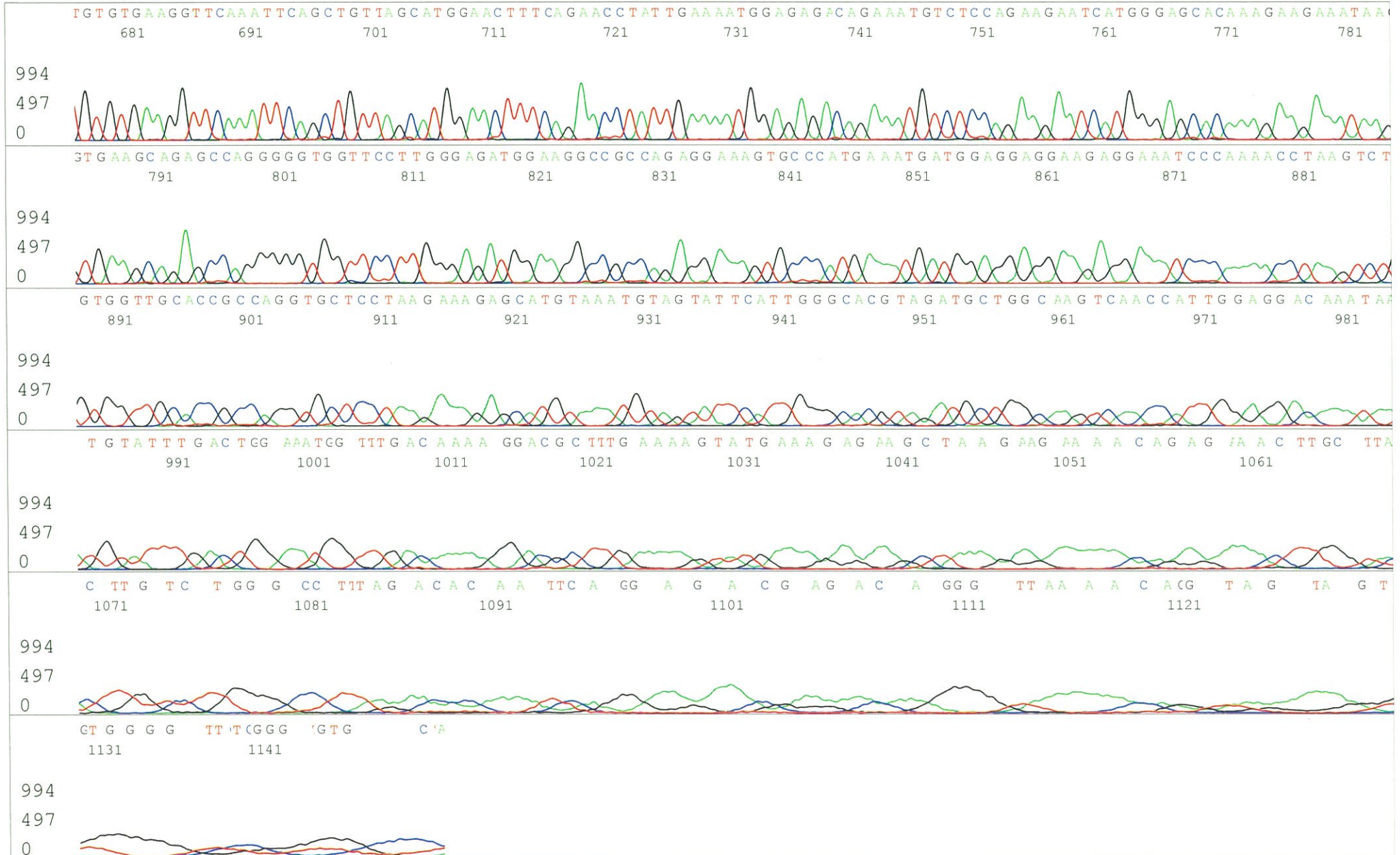
<http://dna.brc.riken.jp/index.html>



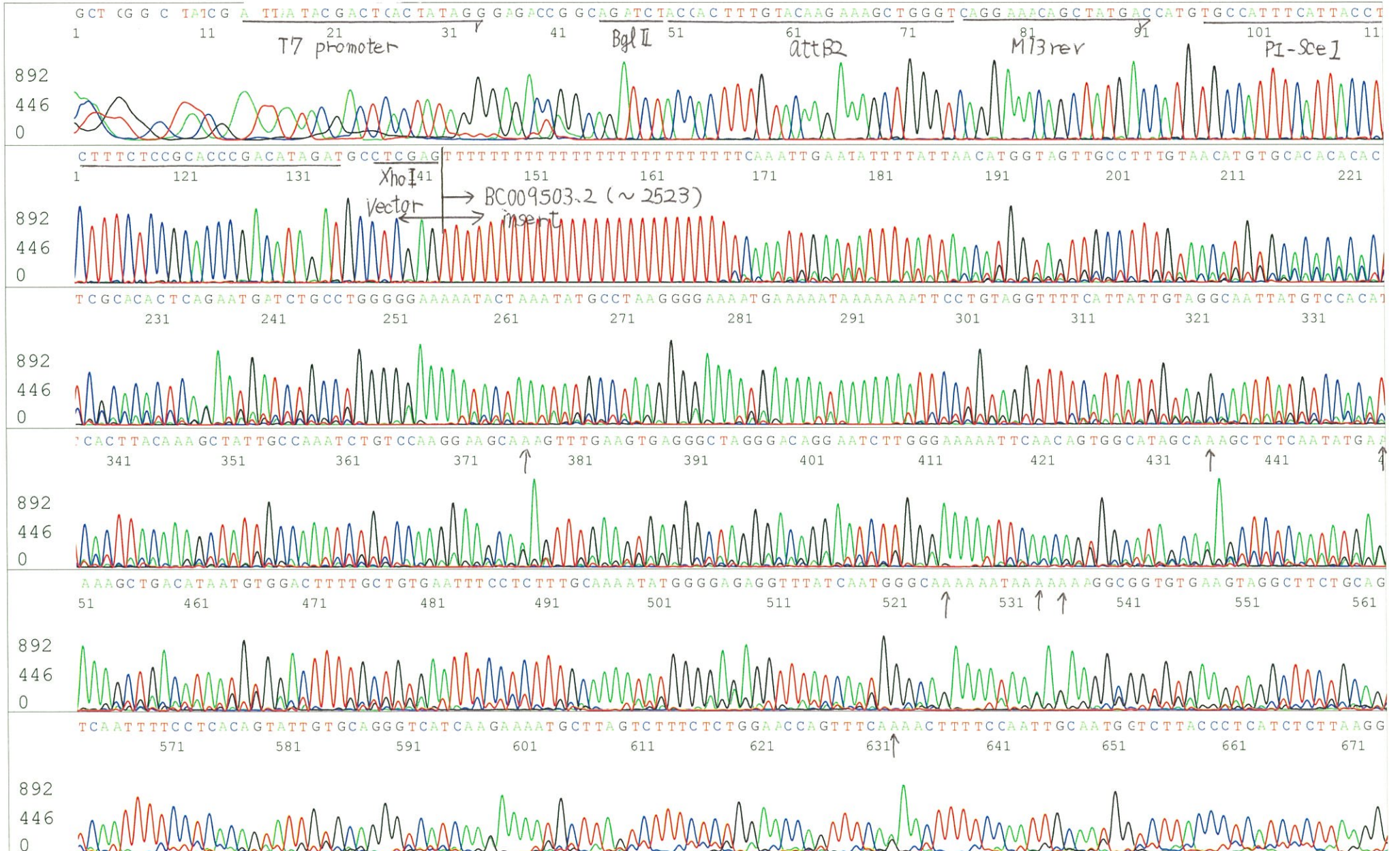
S/N G:173 A:176 T:132 C:2
KB.bcp
KB 1.4.1.8 Cap:3
Primer A: pOTB7-F
5' AACGCGGCTACAATTAATACATAACC 3'



S/N G:173 A:176 T:132 C:246
KB.bcp
KB 1.4.1.8 Cap:3



S/N G:316 A:351 T:327 C:299
 KB.bcp
 KB 1.4.1.8 Cap:6
 Primer B: pOTB7-R
 5' GTACTGCAGCCGATTTCATTAATGC 3'



S/N G:316 A:351 T:327 C:299
KB.bcp
KB 1.4.1.8 Cap:6

