

RIKEN Clone ID : IRAL040C23

Lot#: 7566_A3K

Vector : pOTB7

Gene	DYRK1B	
Accession No.	BC018751.1	2539 bp
	<i>CDS</i>	1890 bp
		1..2539
		265..2154

● Plasmid DNA purification

Date : 131127

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

Date : 131128

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 131128

DNA concentration (O.D.): 206 ng/ul

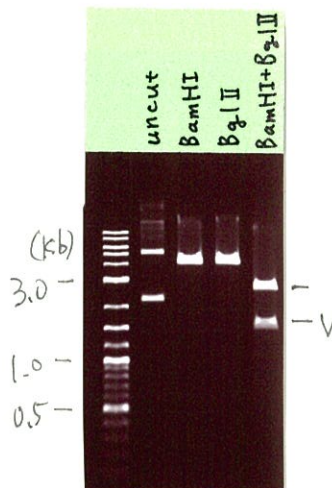
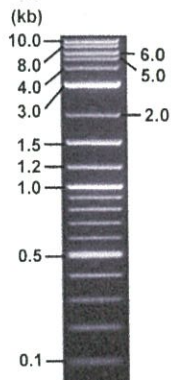
< Size of fragment expected from IRAL040C23 >

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	4340 bp
BglII	4340 bp
BamHI + BglII	1615bp (Vector) 2725 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 131129

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 : 131203

DNA (206 ng/ul)	83.0 ul
10x TE	68.4 ul
dH ₂ O	532.5 ul
Total	683.9 ul

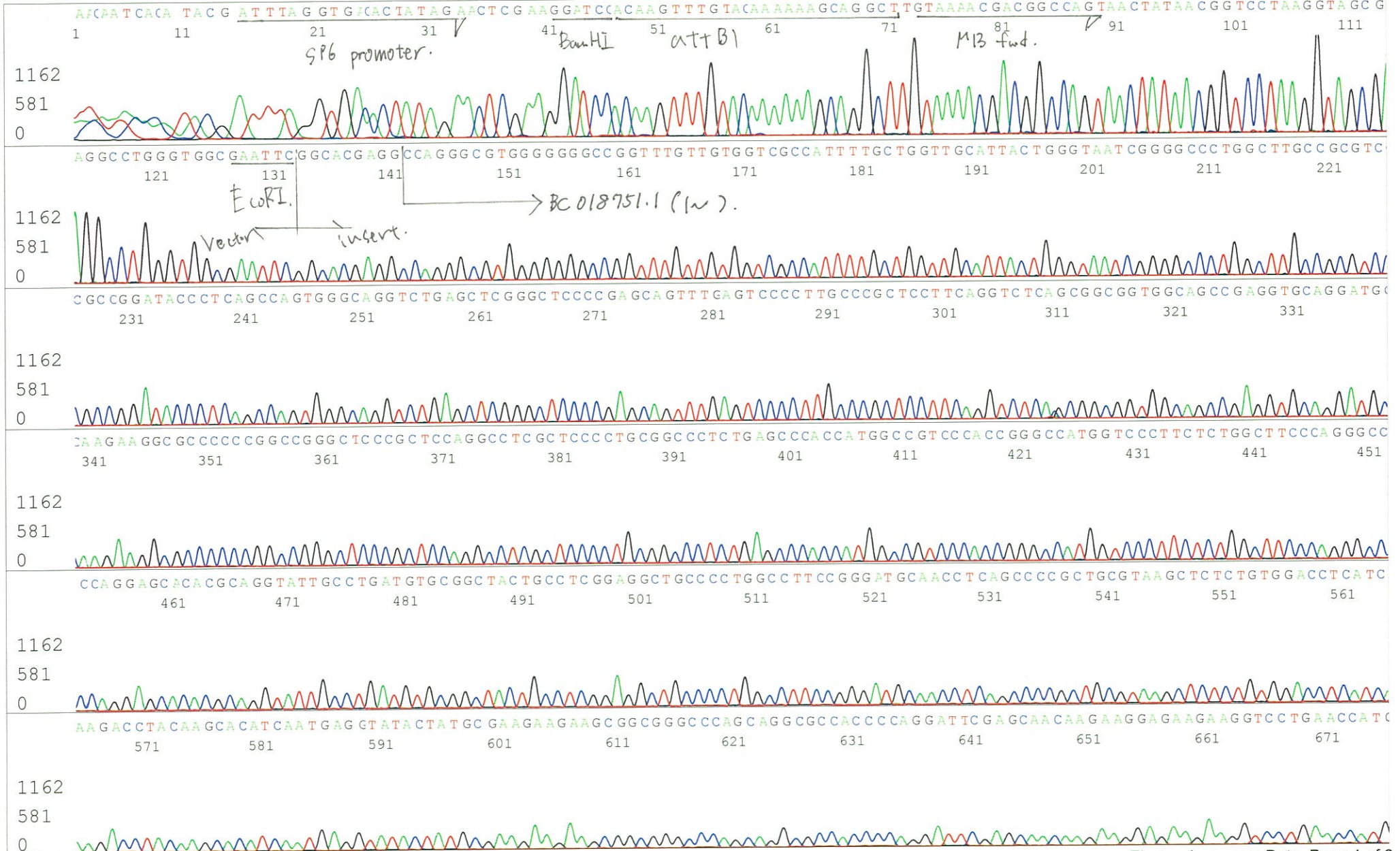


APPROVED BY :

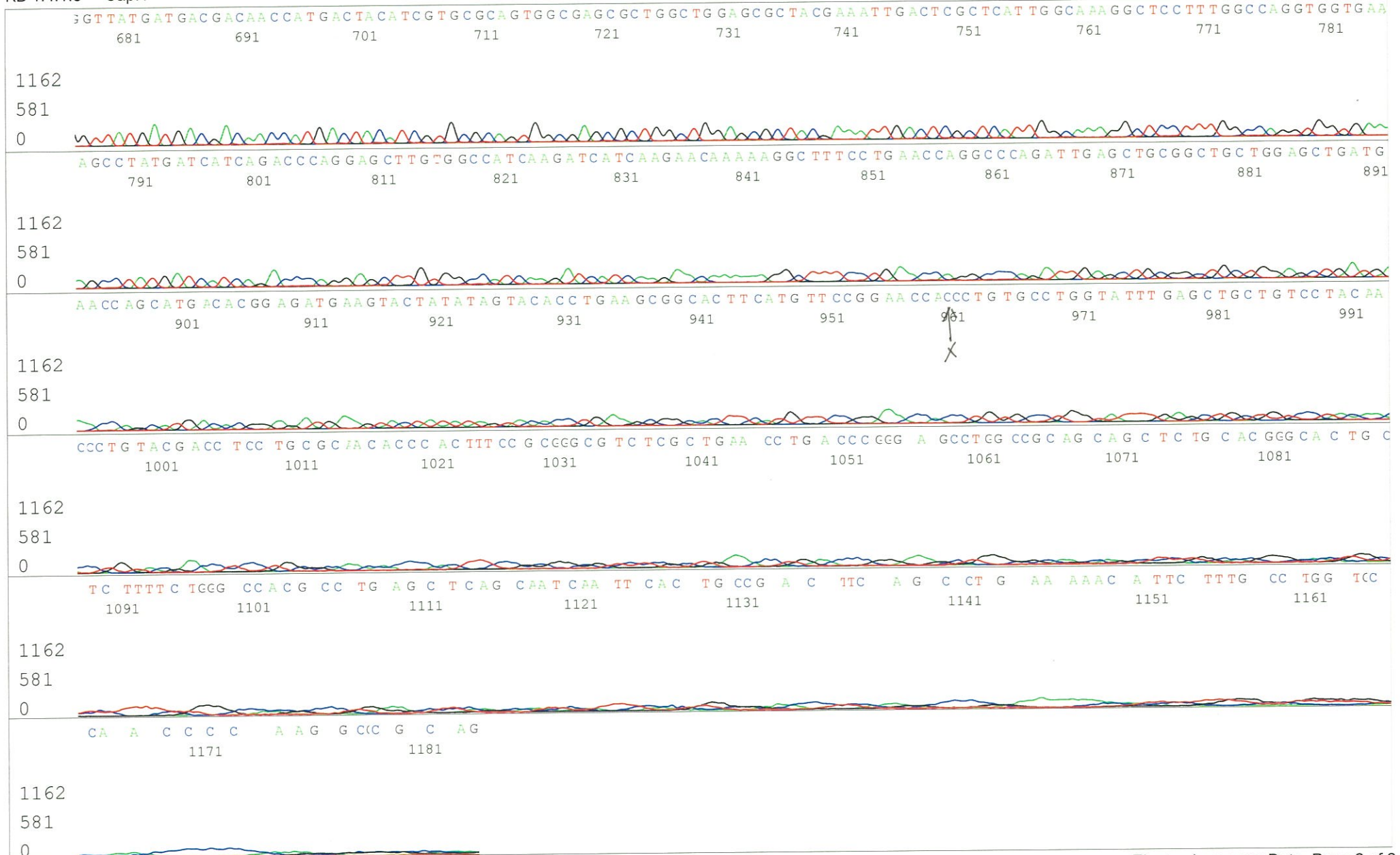
<http://dna.brc.riken.jp/index.html>

S/N G:97 A:51 T:50 C:44
KB.bcp
KB 1.4.1.8 Cap:1

Primer A: pOTB7-F
5' AACGCGGCTACAATTAATACATAACC 3'

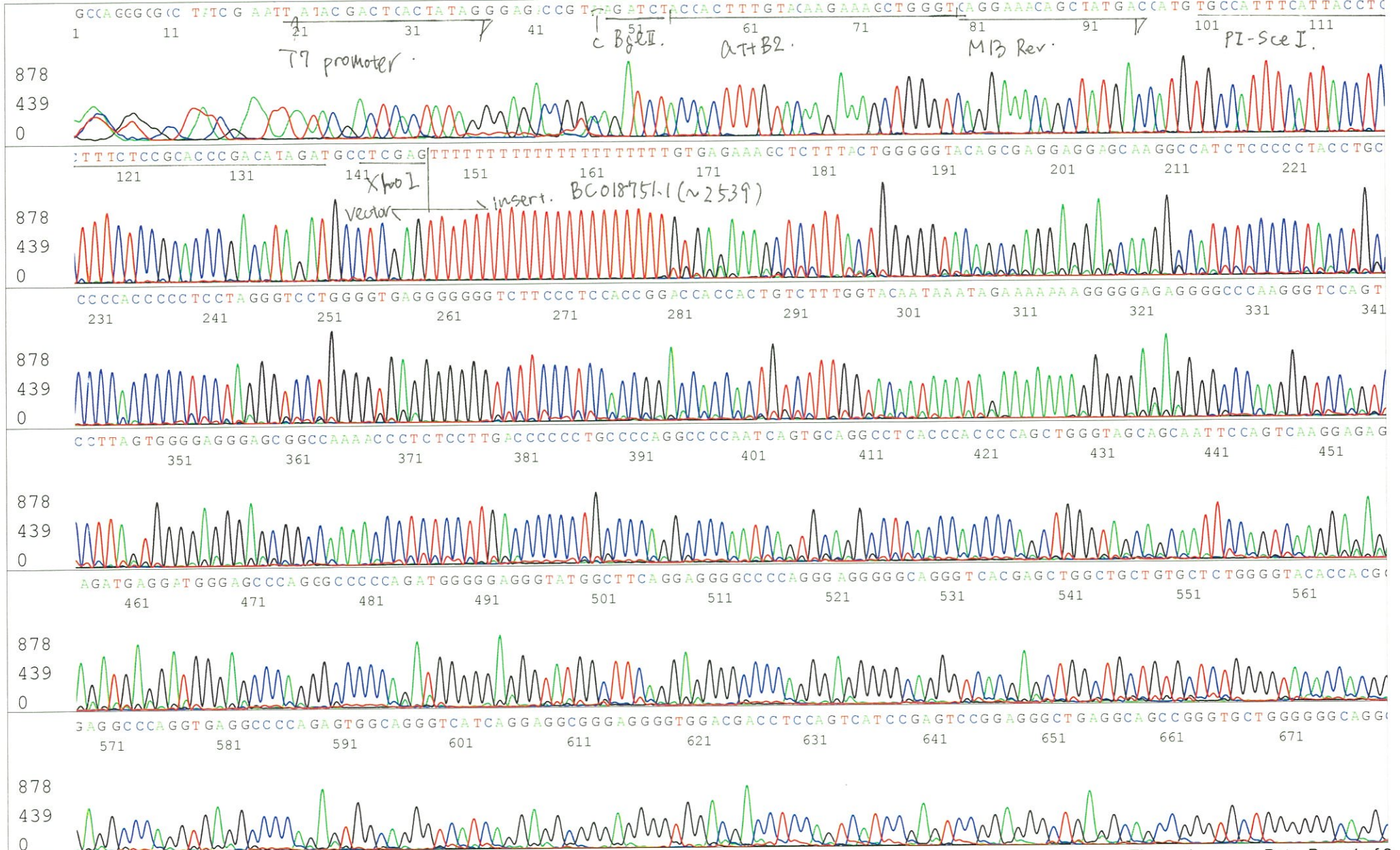


S/N G:97 A:51 T:50 C:44
KB.bcp
KB 1.4.1.8 Cap:1



S/N G:96 A:60 T:51 C:44
KB.bcp
KB 1.4.1.8 Cap:4

Primer B: pOTB7-R
5' GTACTGCAGCCGATTCATTAATGC 3'



S/N G:96 A:60 T:51 C:44
KB.bcp
KB 1.4.1.8 Cap:4

