

**RIKEN Clone ID : IRAL012B20**

Lot#: 7566\_A4E1

Vector : pOTB7

Gene	STK17A	
Accession No.	BC023508.2	1713 bp
	<i>CDS</i>	1245 bp
		108..1352

● Plasmid DNA purification

Date : 140521

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

Date : 140523

Purification : QIAGEN Miniprep kit → dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140523

DNA concentration (O.D.): 139 ng/ul

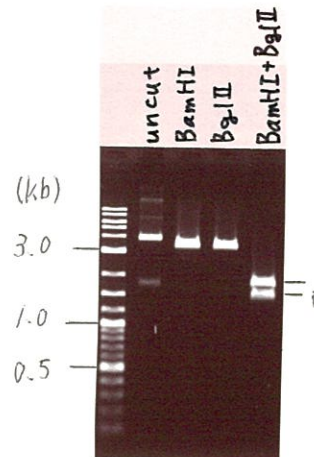
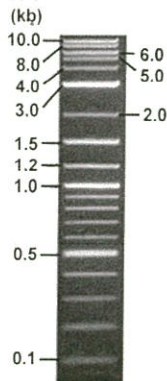
< Size of fragment expected from IRAL012B20 >

DNA	0.3 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	7.7 ul
Total	10 ul

BamHI	3514 bp
BglII	3514 bp
BamHI + BglII	1615bp (Vector) 1899 bp

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 140529

● Confirmation of the insertion sequence

Date : 140528

DNA ( 139 ng/ul)	83.0 ul
10x TE	46.1 ul
dH <sub>2</sub> O	332.4 ul
Total	461.5 ul

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	-
List of Sequencing Primers	<a href="http://dna.brc.riken.jp/en/GNPclone3en.html">http://dna.brc.riken.jp/en/GNPclone3en.html</a>

● Shipping

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

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APPROVED BY :

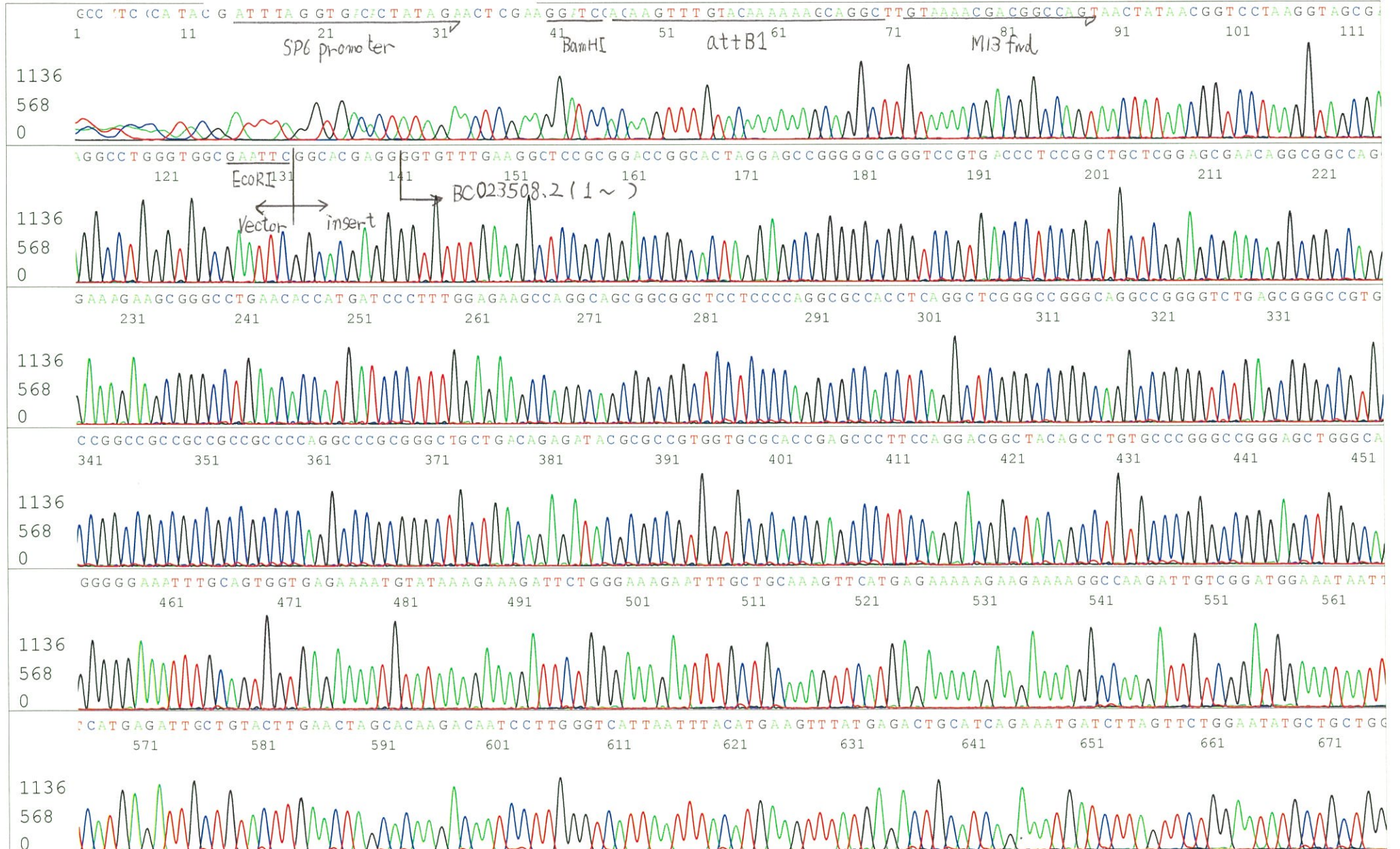
<http://dna.brc.riken.jp/index.html>



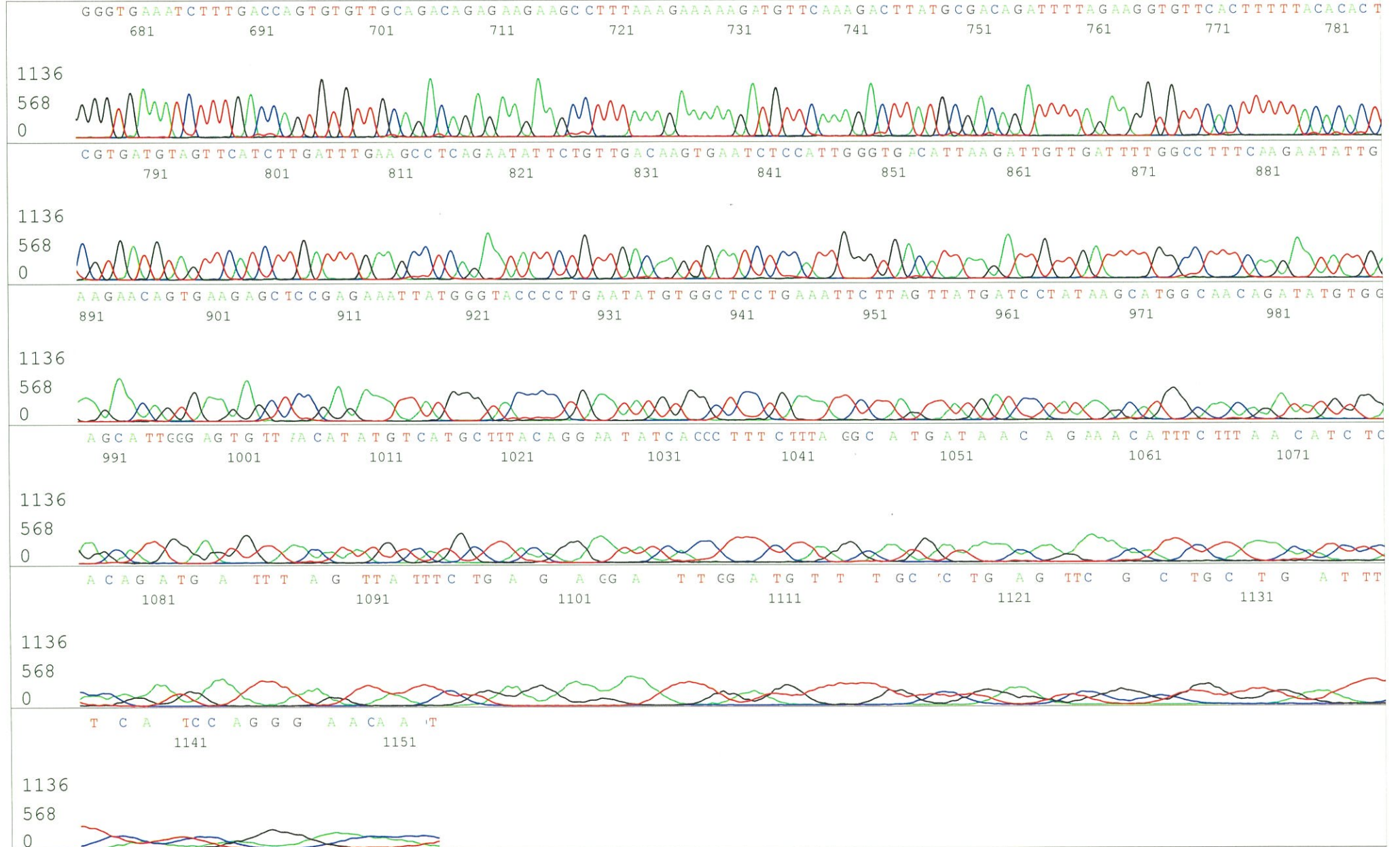
S/N G:183 A:186 T:143 C:1  
 KB.bcp  
 KB 1.4.1.8 Cap:14

Primer A: pOTB7-F

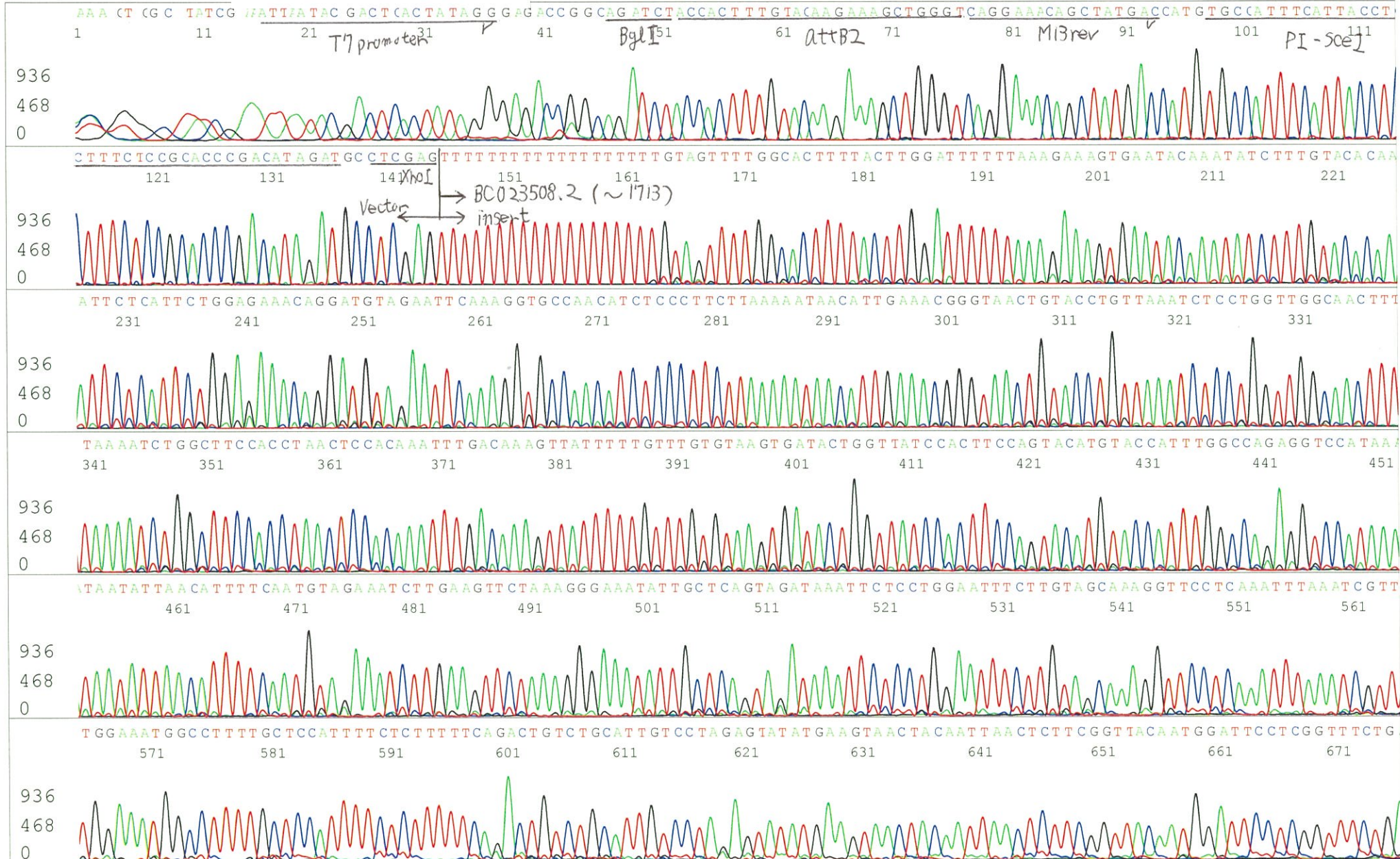
5' AACGCGGCTACAATTAATACATAACC 3'



S/N G:183 A:186 T:143 C:167  
KB.bcp  
KB 1.4.1.8 Cap:14



S/N G:228 A:286 T:340 C:263  
KB.bcp  
KB 1.4.1.8 Cap:17  
Primer B: pOTB7-R  
5' GTACTGCAGCCGATTCATTAATGC 3'



S/N G:228 A:286 T:340 C:263  
KB.bcp  
KB 1.4.1.8 Cap:17

