

**RIKEN Clone ID : IRAL029H08**

Lot#: 7566\_A7Eq

Vector : pOTB7

Gene	PCTP	
Accession No.	BC012084.1	1979 bp
	<i>CDS</i>	645 bp

● Plasmid DNA purification

Date : 170529

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

Date : 170530

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

● Digestion by restriction enzyme/Concentration calibration

Date : 170530

DNA concentration (O.D.): 154 ng/ul

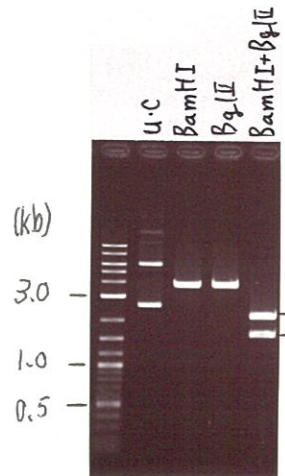
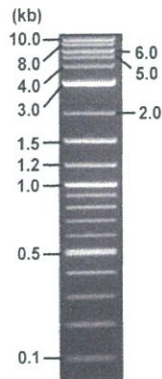
< Size of fragment expected from this clone >

DNA	0.6	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.4	ul
Total	10	ul

BamHI	3.8	kb
BglII	3.8	kb
BamHI + BglII	1.6kb (Vector)	2.2 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 170531

DNA ( <u>154</u> ng/ul)	89.0	ul
10x TE	51.1	ul
dH <sub>2</sub> O	377.1	ul
Total	511.2	ul

● Confirmation of the insertion sequence

Date : 170530

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  
 Conc. : ng/ul, Volume : ul

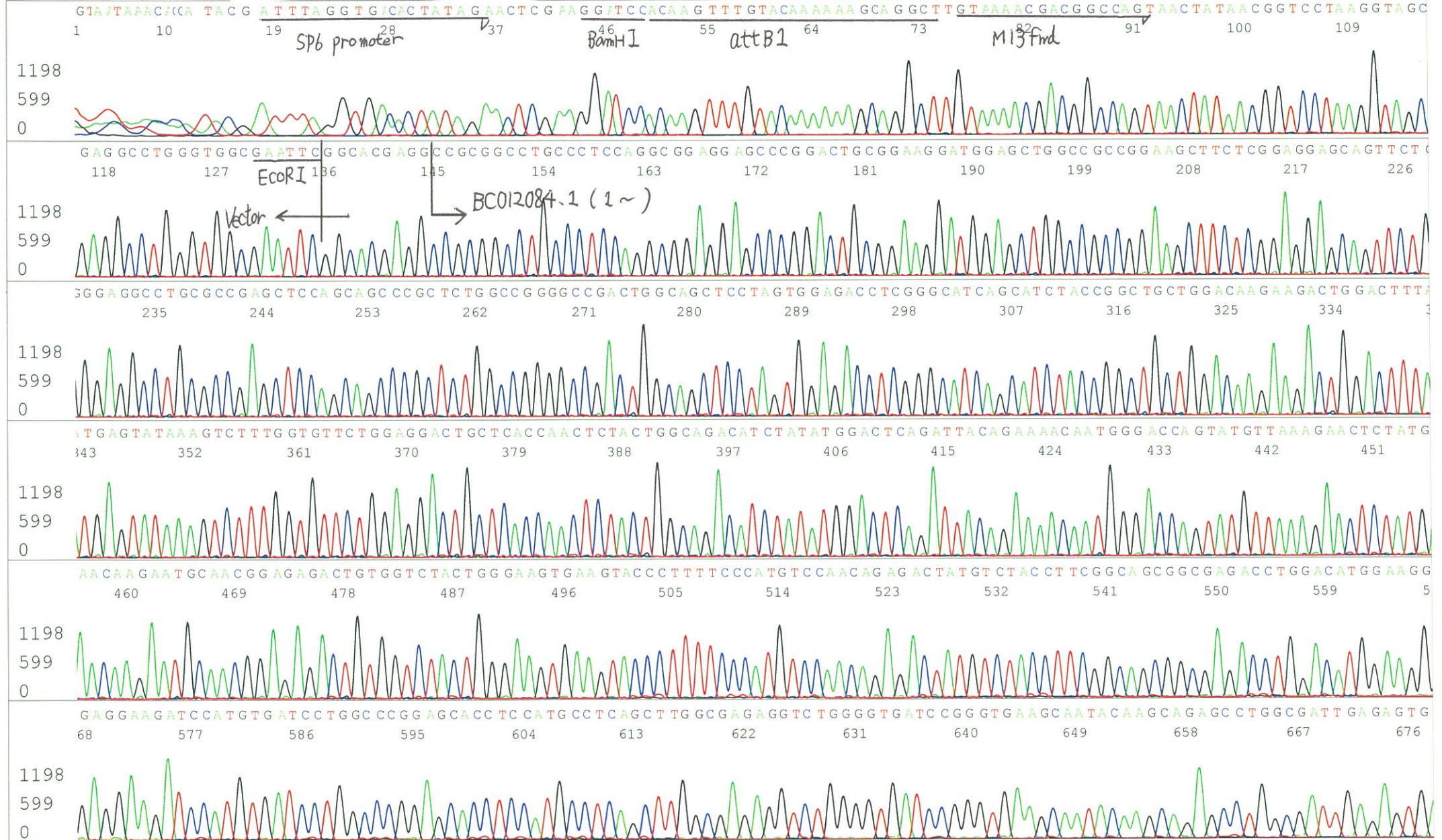
APPROVED BY :

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



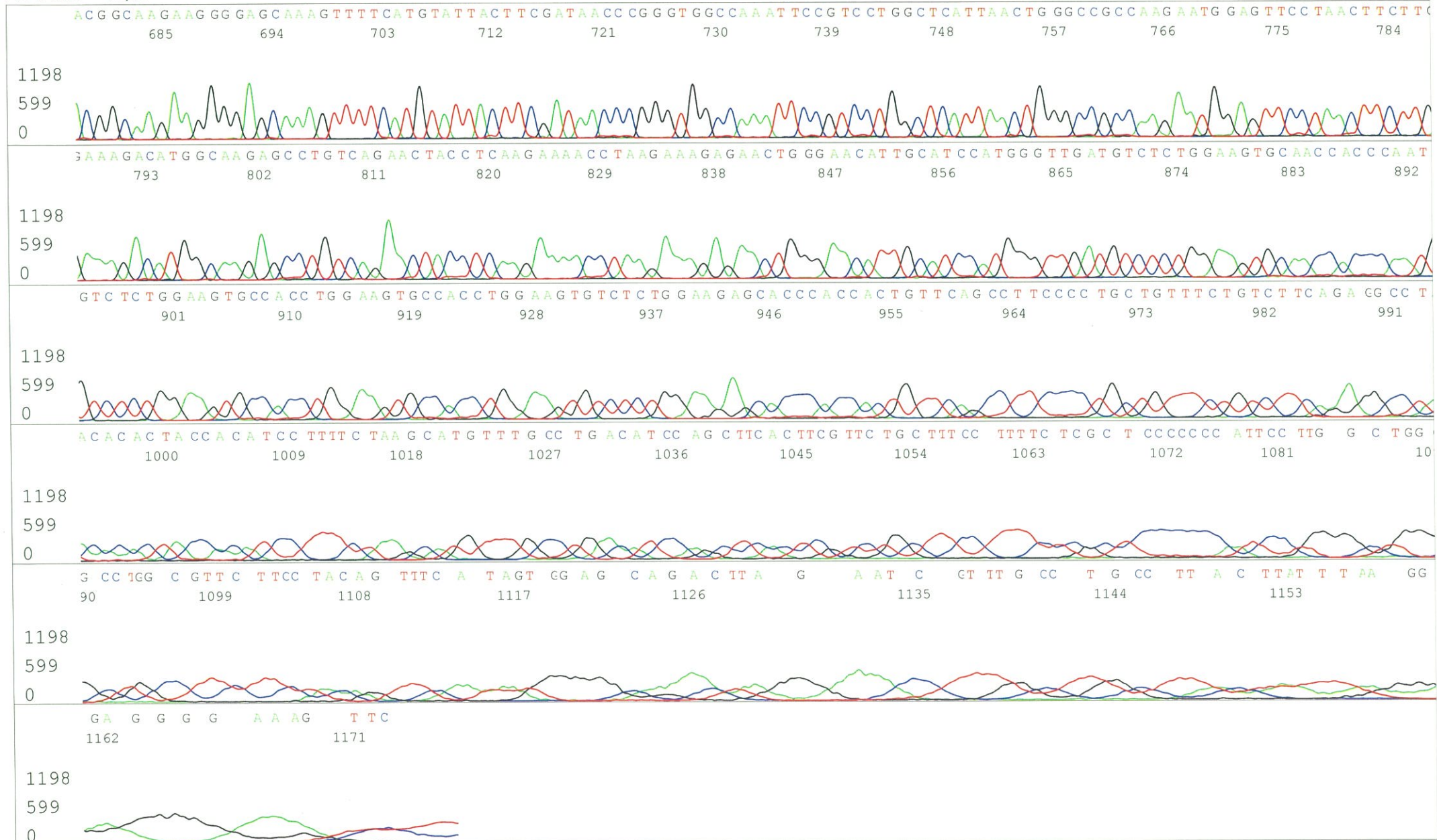
S/N G:117 A:169 T:131 C:200  
KB.bcp  
KB 1.4.1.8 Cap:9

Primer A: pOTB7-F  
5' AACGGGGCTACAATTAATACATAACC 3'





S/N G:117 A:169 T:131 C:200  
KB.bcp  
KB 1.4.1.8 Cap:9





S/N G:218 A:406 T:400 C:452

Primer B: pOTB7-R

IRAL029H08\_A7Eq\_pOTB7\_R

May 30,2017 06:07PM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

May 30,2017 06:34PM, JST

KB 1.4.1.8 Cap:12

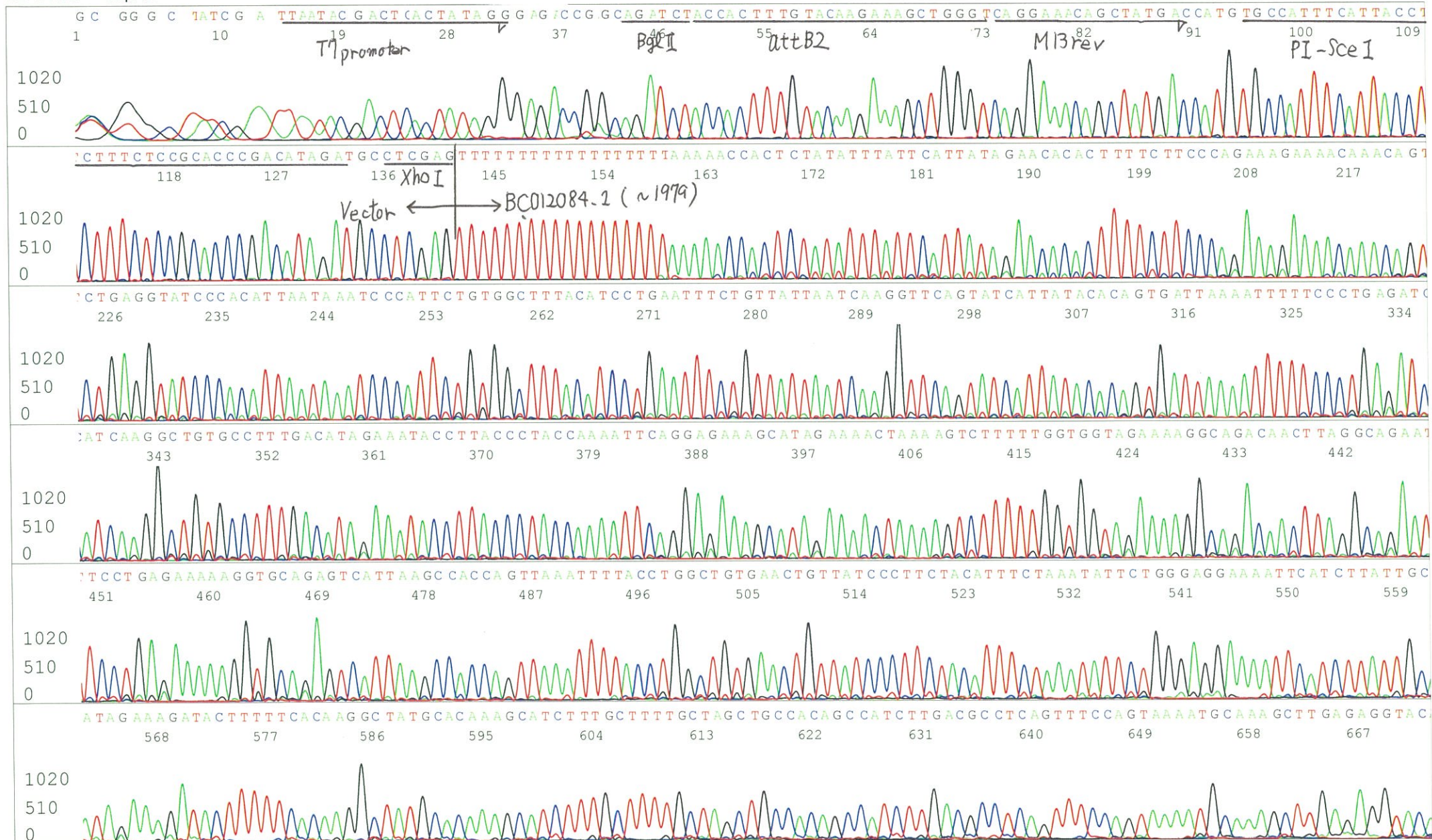
5' GTACTGCAGCCGATTCATTAATGC 3'

Pts 1423 to 13545 Pk1 Loc:1400

Spacing:12.14 Pts/Panel1350

Version 6.0 HiSQV Bases: 1017

Plate Name: 20170530\_Cas9





S/N G:218 A:406 T:400 C:452  
KB.bcp  
KB 1.4.1.8 Cap:12

