

RIKEN Clone ID : IRAL018B19

Lot#: 7566_A6Ge

Vector : pOTB7

Gene	RAB14	
Accession No.	BC006081.1	997 bp
	CDS	648 bp

● Plasmid DNA purification

Date : 160714

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

Date : 160715

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 160715

DNA concentration (O.D.): 143 ng/ul

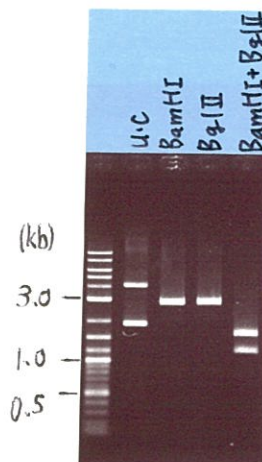
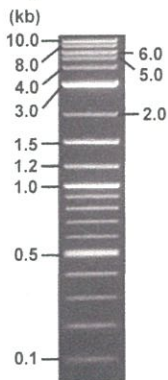
< Size of fragment expected from this clone >

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

BamHI	2.8	kb
BglII	2.8	kb
BamHI + BglII	1.6kb (Vector)	1.2

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 160722

DNA (<u>143</u> ng/ul)	<u>25.0</u> ul
10x TE	<u>48.6</u> ul
dH ₂ O	<u>352.6</u> ul
Total	<u>486.2</u> ul

● Confirmation of the insertion sequence

Date : 160721

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:981 A:1006 T:907 C:1191

Primer A: pOTB7-F

IRAL018B19_A6Ge_pOTB7_F

Jul 21,2016 03:35PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Jul 21,2016 04:13PM, JST

KB 1.4.1.8 Cap:7

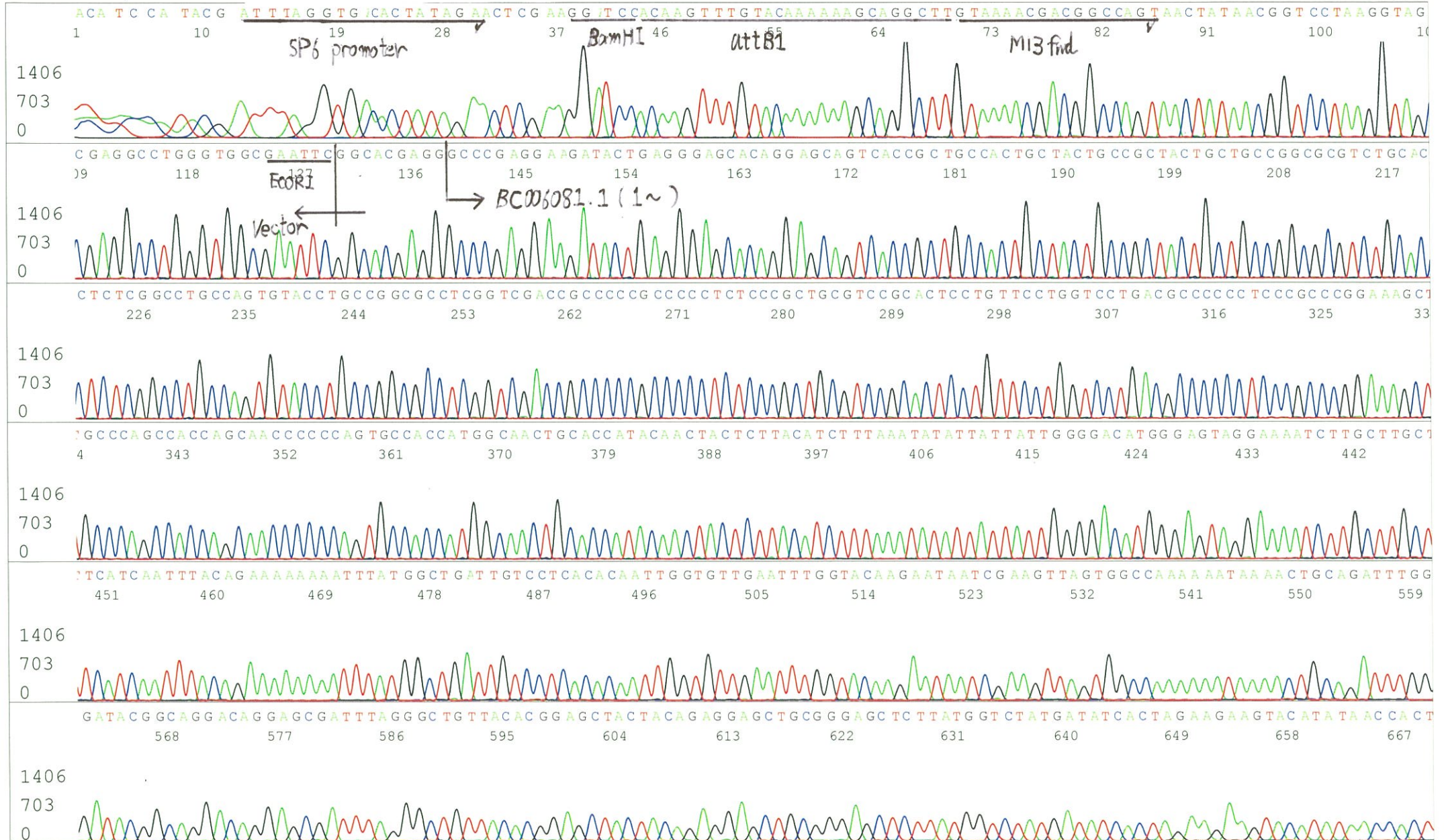
5' AACGCGGCTACAATTAATACATAACC 3'

Pts 1525 to 12616 Pk1 Loc:1502

Spacing:11.18 Pts/Panel1350

Version 6.0 HiSQV Bases: 987

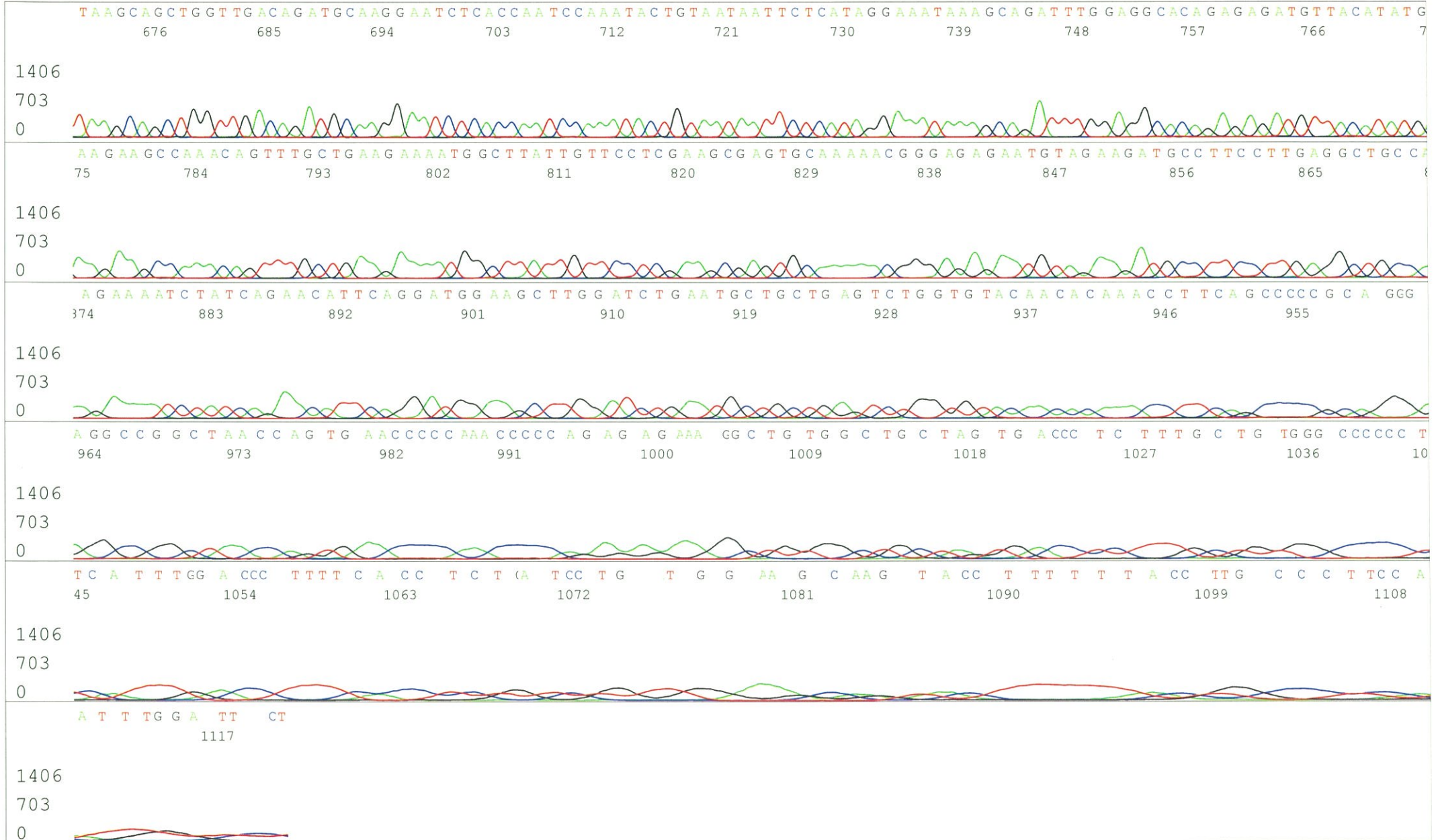
Plate Name: 20160722_mx



S/N G:981 A:1006 T:907 C:1191
KB.bcp
KB 1.4.1.8 Cap:7

IRAL018B19_A6Ge_pOTB7_F_C10_07
IRAL018B19_A6Ge_pOTB7_F
KB_3500_POP7_BDTv3.mob
Pts 1525 to 12616 Pk1 Loc:1502
Version 6.0 HiSQV Bases: 987

Inst Model/Name 3500/3500 Instrument
Jul 21,2016 03:35PM, JST
Jul 21,2016 04:13PM, JST
Spacing:11.18 Pts/Panel1350
Plate Name: 20160722_mix



S/N G:737 A:789 T:877 C:964

Primer B: pOTB7-R

IRAL018B19_A6Ge_pOTB7_R

Jul 21, 2016 03:35PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Jul 21, 2016 04:13PM, JST

KB 1.4.1.8 Cap:10

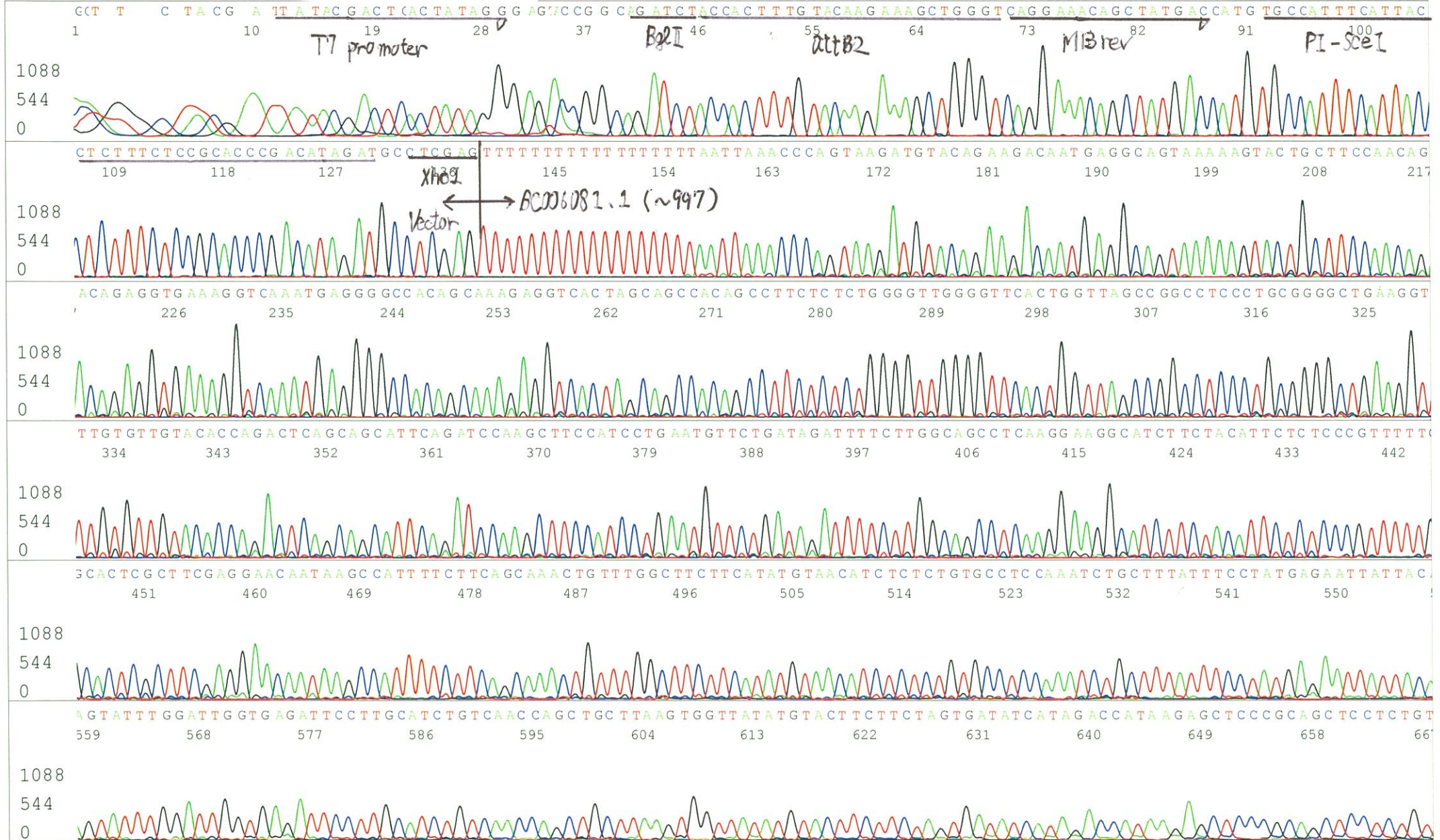
5' GTACTGCAGCCGATTCATTAATGC 3'

Pts 1534 to 12801 Pk1 Loc:1511

Spacing:11.27 Pts/Panel1350

Version 6.0 HiSQV Bases: 951

Plate Name: 20160722_mix



S/N G:737 A:789 T:877 C:964
KB.bcp
KB 1.4.1.8 Cap:10

