Genome Network Project_Full -Length cDNA clone Gene Engineering DivisionRIKEN BioResource Center

RIKEN_Clone_ID : IRAL033M04

Lot#: 7566_A5C6

Vector : pOTB7

Gene	RBM35B		
Accession No.	BC030146.2	3288 bp	1..3288
	CDS	2154 bp	11..2164

● Plasmid DNA purification

Date : 150310

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

Date : 150311

Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 150311

DNA concentration (O.D.): 200 ng/ul

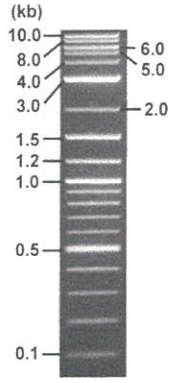
DNA	0.25 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.75 ul
Total	10 ul

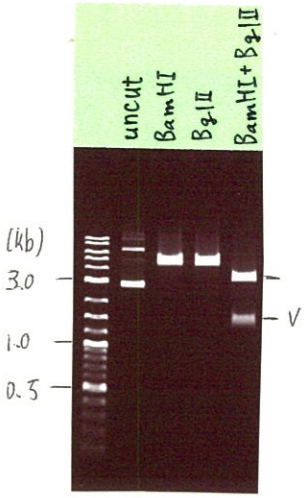
< Size of fragment expected from IRAL033M04 >

BamHI	5089 bp	
BglII	5089 bp	
BamHI + BglII	1615bp (Vector)	3474 bp

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





● Adjust plasmid DNA solution to 25 ng/ul

Date : 150316

DNA (200 ng/ul)	86.0 ul
10x TE	68.8 ul
dH_2O	533.2 ul
Total	688.0 ul

● Confirmation of the insertion sequence

Date : 150313

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/μl, Volume : 40 μl

☐ ~~Conc. : ng/μl, Volume : μl~~

確認 15.3.16 笹沼

APPROVED BY :

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

Applied Biosystems

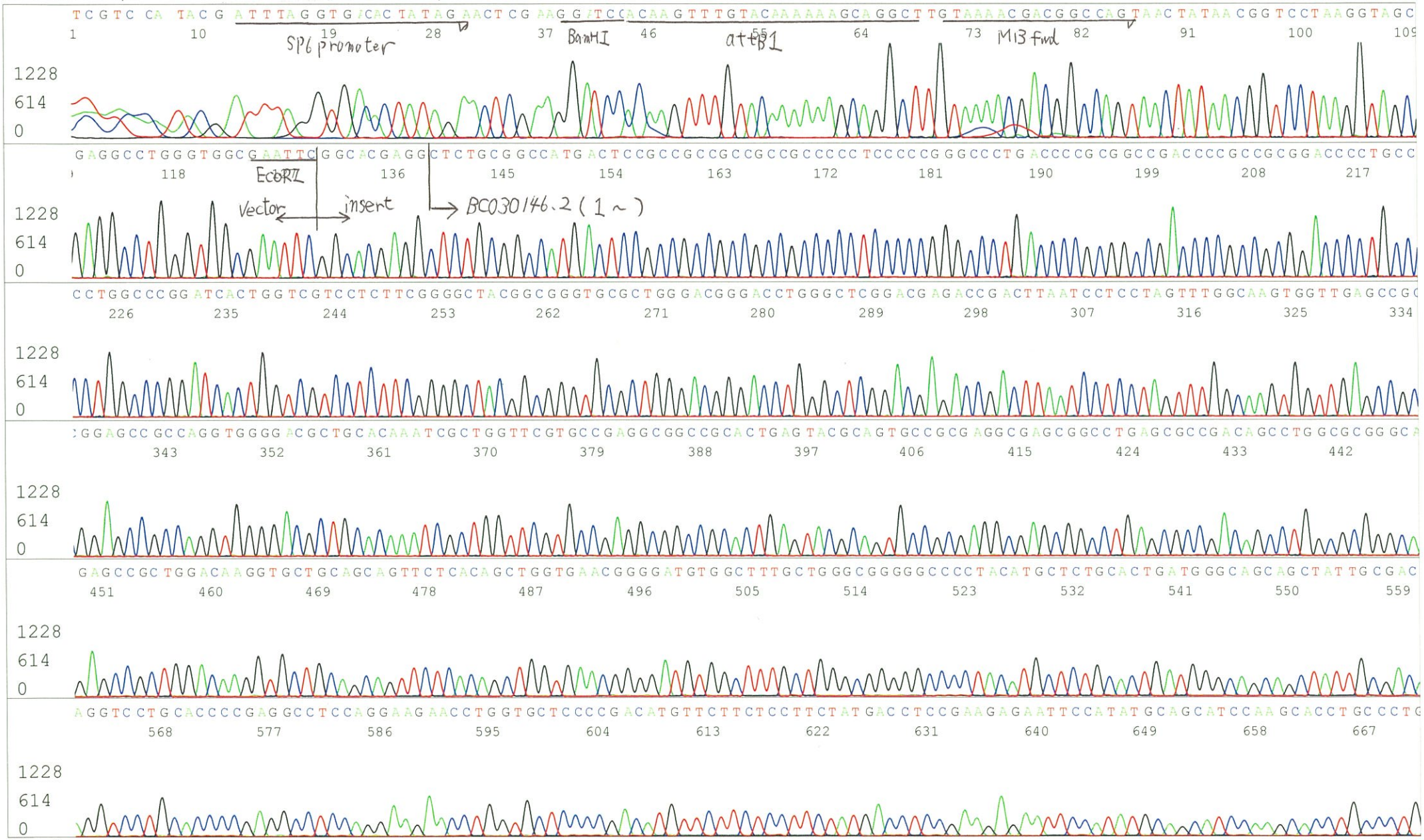
S/N G:1152 A:849 T:626 C:10
KB.bcp
KB 1.4.1.8 Cap:7

Primer A: pOTB7-F

5' AACGCGGCTACAATTAATACATAACC 3'

IRAL033M04_A5C6_7_pOTB7_F_C10_07
IRAL033M04_A5C6_7_pOTB7_F
KB_3500_POP7_BDTv3.mob
Pts 1410 to 13097 Pk1 Loc:1387
Version 6.0 HiSQV Bases: 1003

Inst Model/Name 3500/3500 Instrument
Mar 13,2015 10:08AM, JST
Mar 13,2015 10:34AM, JST
Spacing:11.42 Pts/Panel1350
Plate Name: 20150313_mix

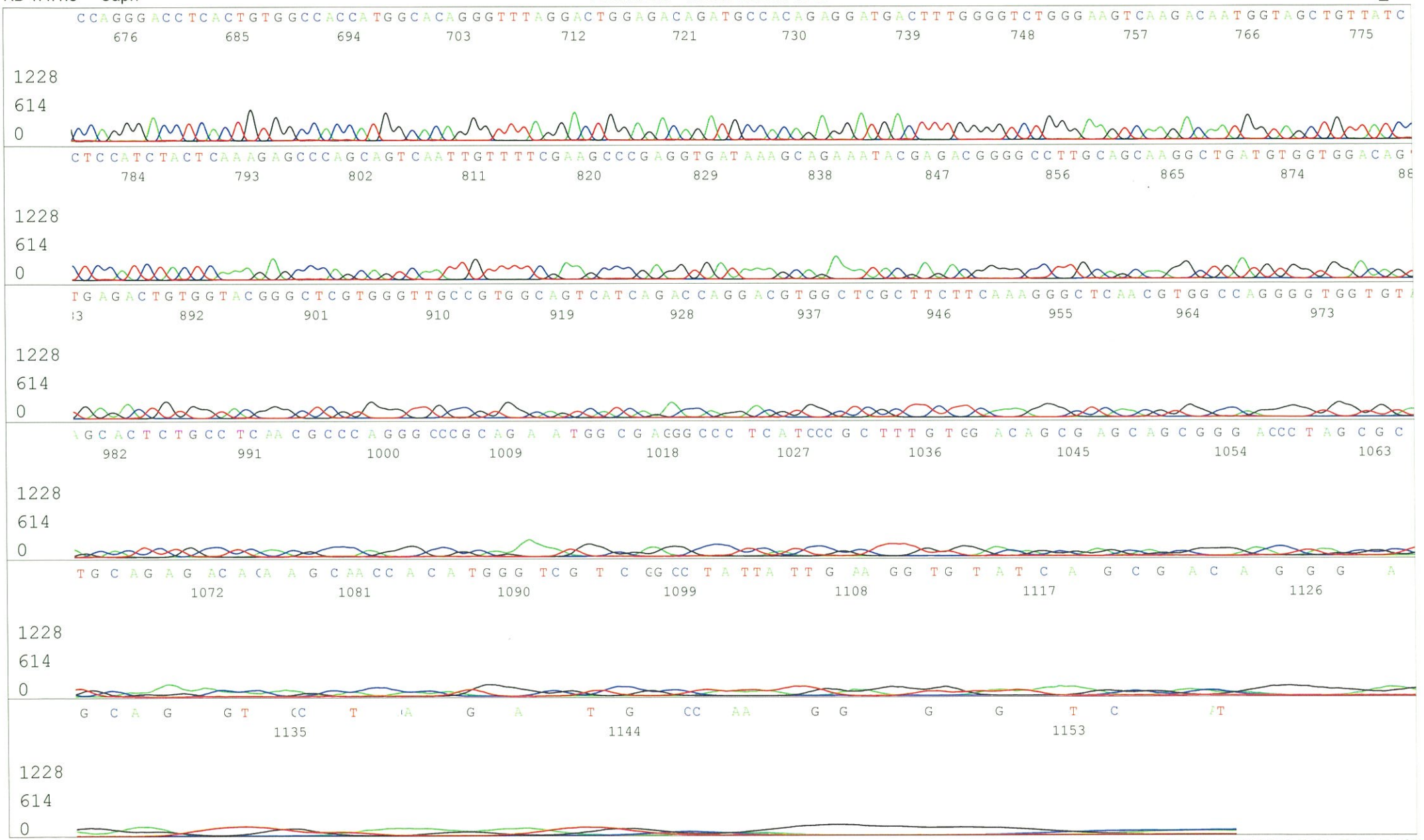


Applied Biosystems

S/N G:1152 A:849 T:626 C:1003
KB.bcp
KB 1.4.1.8 Cap:7

IRAL033M04_A5C6_7_pOTB7_F_C10_07
IRAL033M04_A5C6_7_pOTB7_F
KB_3500_POP7_BDTv3.mob
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Applied Biosystems

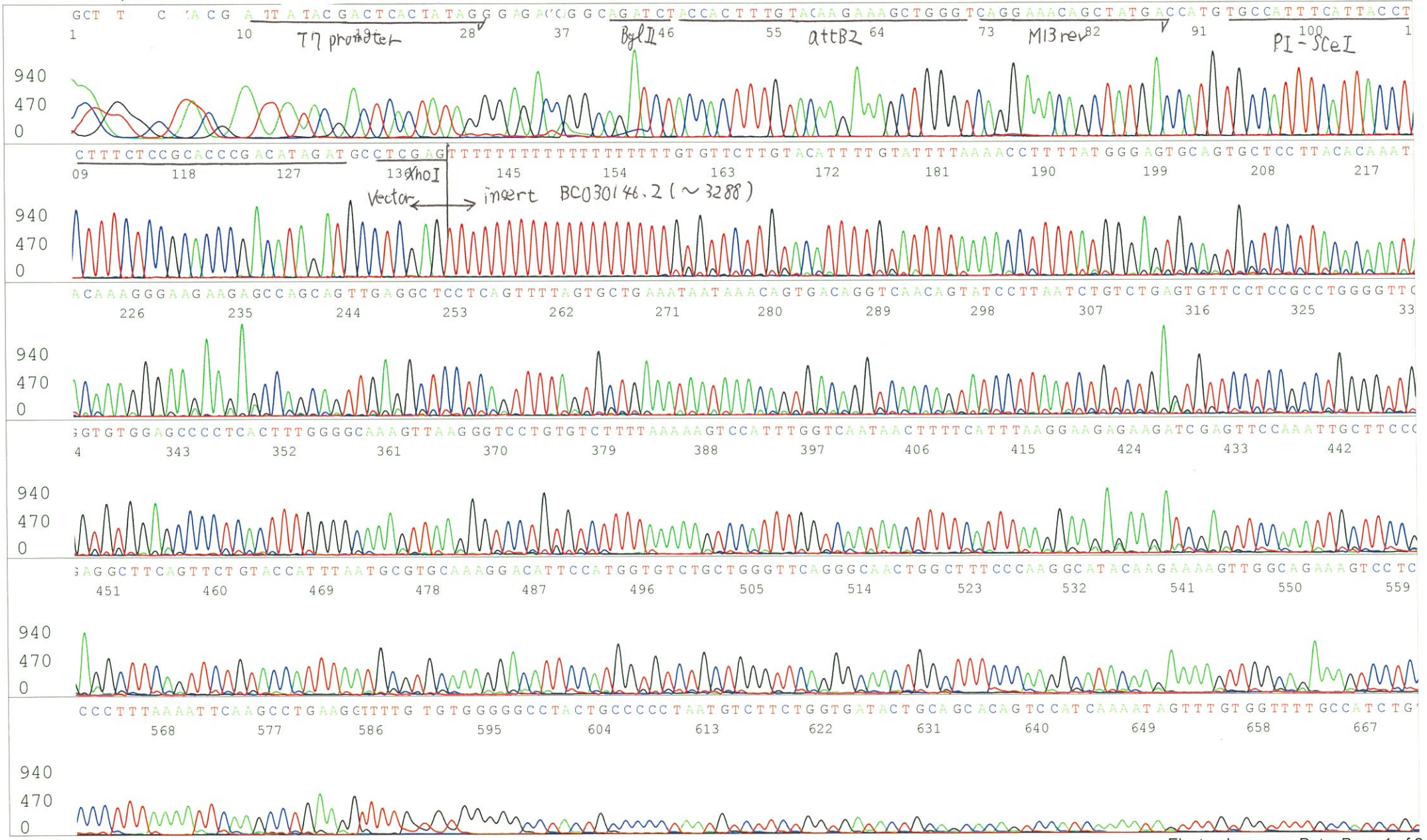
S/N G:1240 A:923 T:835 C:831
KB.bcp
KB 1.4.1.8 Cap:10

Primer B: pOTB7-R

5' GTACTGCAGCCGATTCATTAATGC 3'

IRAL033M04_A5C6_7_pOTB7_R_D10_10
IRAL033M04_A5C6_7_pOTB7_R
KB_3500_POP7_BDTv3.mob
Pts 1395 to 13043 Pk1 Loc:1372
Version 6.0 HiSQV Bases: 983

Inst Model/Name 3500/3500 Instrument
Mar 13,2015 10:08AM, JST
Mar 13,2015 10:34AM, JST
Spacing:11.51 Pts/Panel1350
Plate Name: 20150313_mix



Applied Biosystems

S/N G:1240 A:923 T:835 C:831
KB.bcp
KB 1.4.1.8 Cap:10

IRAL033M04_A5C6_7_pOTB7_R_D10_10
IRAL033M04_A5C6_7_pOTB7_R
KB_3500_POP7_BDTv3.mob
Pts 1395 to 13043 Pk1 Loc:1372
Version 6.0 HiSQV Bases: 983

Inst Model/Name 3500/3500 Instrument
Mar 13,2015 10:08AM, JST
Mar 13,2015 10:34AM, JST
Spacing:11.51 Pts/Panel1350
Plate Name: 20150313_mix

