

RIKEN Clone ID : IRAL020L12

Lot#: 7566_A4Cb

Vector : pOTB7

Gene	SOX9	
Accession No.	BC007951.2	2214 bp
	<i>CDS</i>	1530 bp
		1..2214
		230..1759

● Plasmid DNA purification

Date : 140310

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

Date : 140312

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140312

DNA concentration (O.D.): 121 ng/ul

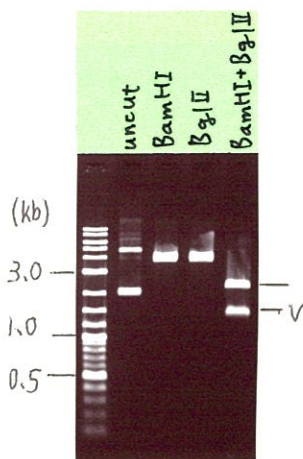
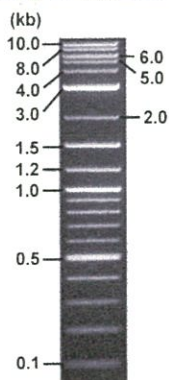
< Size of fragment expected from IRAL020L12 >

DNA	0.4	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.6	ul
Total	10	ul

BamHI	4015 bp
BglII	4015 bp
BamHI + BglII	1615bp (Vector) 2400 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 140314

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 : 140317

DNA (121 ng/ul)	80.0	ul
10x TE	38.7	ul
dH ₂ O	268.5	ul
Total	387.2	ul

APPROVED BY :

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



S/N G:238 A:271 T:187 C:35' Primer A: pOTB7-F

IRAL020L12_A4Cb_pOTB7_F

Mar 14,2014 10:36AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Mar 14,2014 11:05AM, JST

KB 1.4.1.8 Cap:8

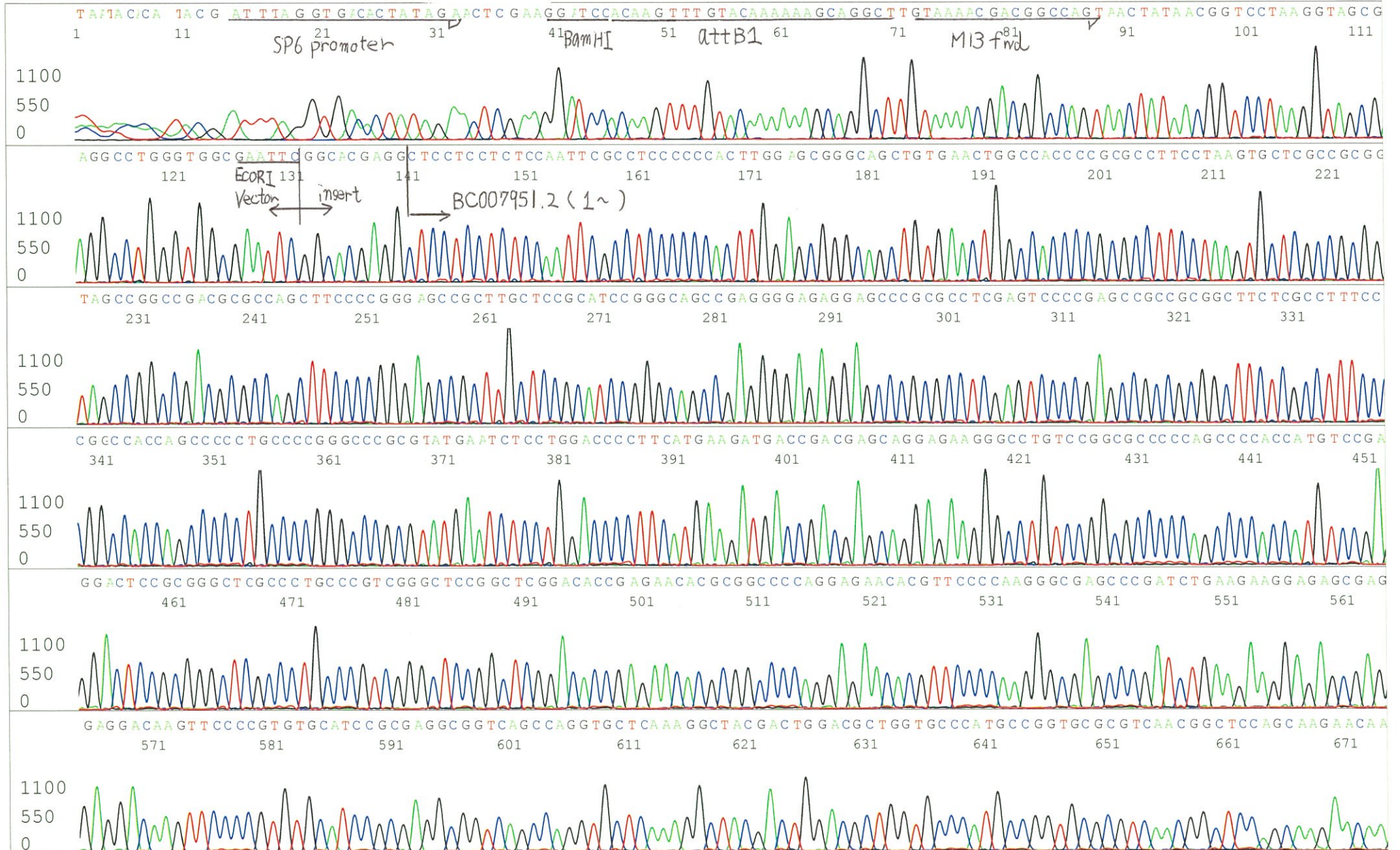
5' AACGCGGCTACAATTAATACATAACC 3'

Pts 1495 to 13180 Pk1 Loc:1472

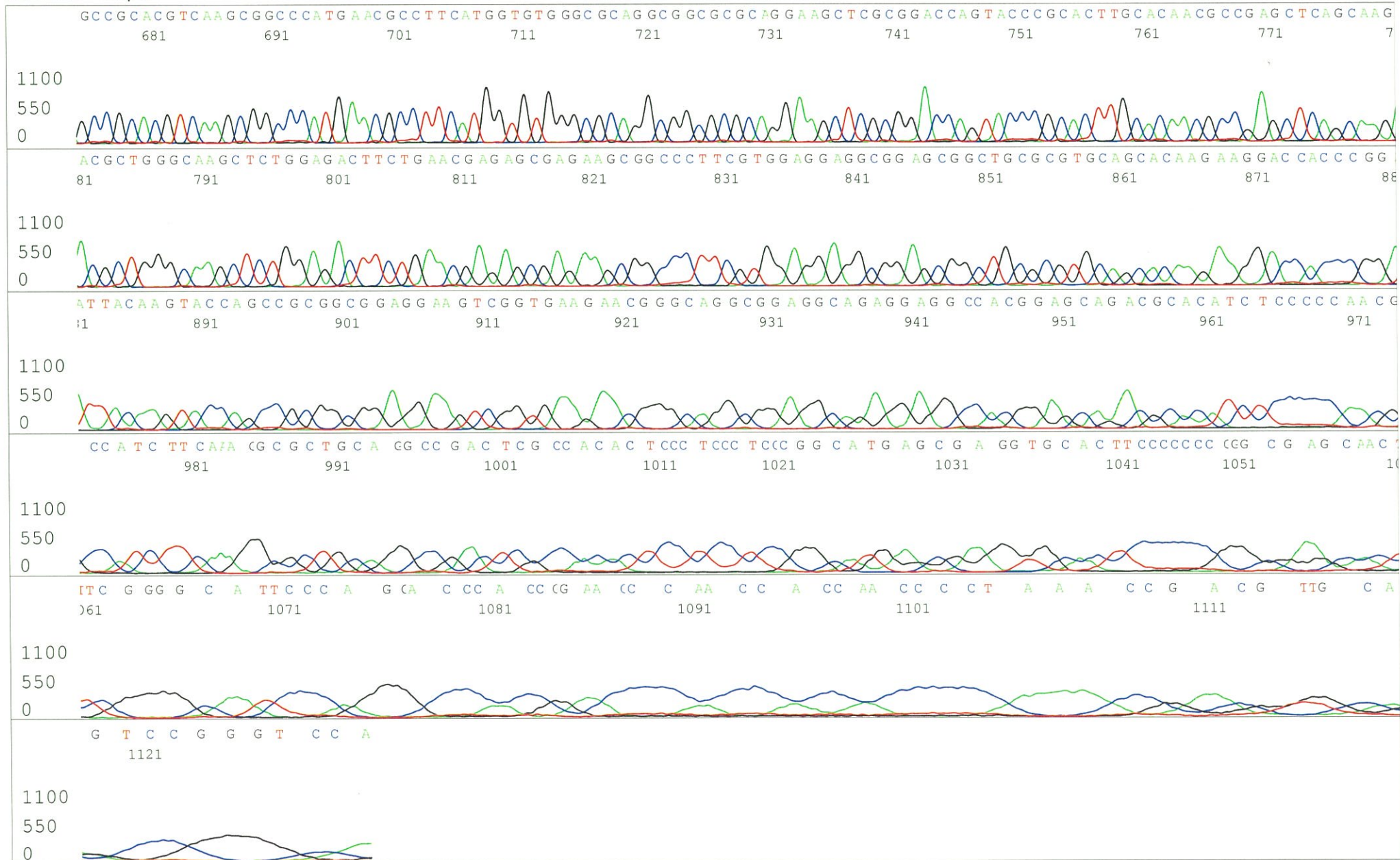
Spacing:11.82 Pts/Panel1350

Version 5.4 HiSQV Bases: 978

Plate Name: 20140314_GNP



S/N G:238 A:271 T:187 C:351
KB.bcp
KB 1.4.1.8 Cap:8



S/N G:118 A:166 T:142 C:113

IRAL020L12_A4Cb_pOTB7_R

Mar 14, 2014 10:36AM, JST

KB.bcp

Primer B: pOTB7-R

KB_3500_POP7_BDTv3.mob

Mar 14, 2014 11:05AM, JST

KB 1.4.1.8 Cap:11

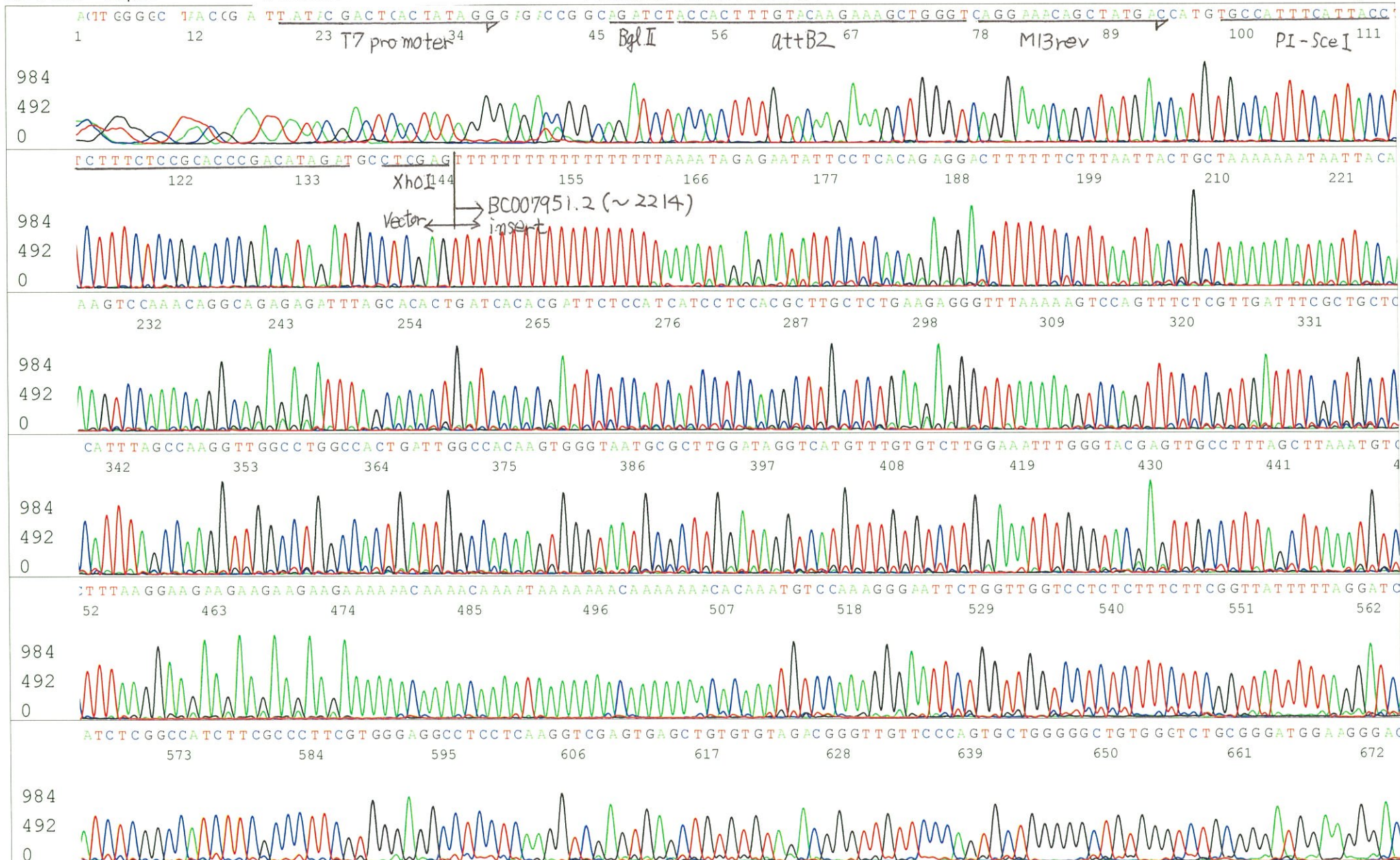
5' GTACTGCAGCCGATTCATTAATGC 3'

Pts 1495 to 11190 Pk1 Loc:1472

Spacing:11.9 Pts/Panel1350

Version 5.4 HiSQV Bases: 839

Plate Name: 20140314_GNP



S/N G:118 A:166 T:142 C:113
KB.bcp
KB 1.4.1.8 Cap:11

