

RIKEN Clone ID : IRAK174N21

Lot#: 7893_A5J1

Vector : pCMV-SPORT6

Gene	EGR1	
Accession No.	BC073983.1	2415 bp
	CDS	1632 bp

● Plasmid DNA purification

Date : 151005

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 151006

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 151006

DNA concentration (O.D.): 339 ng/ul

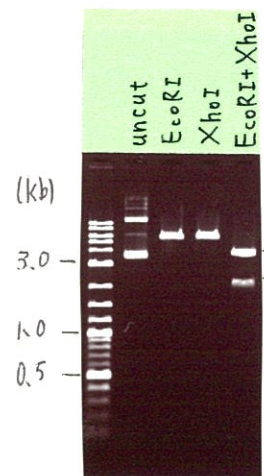
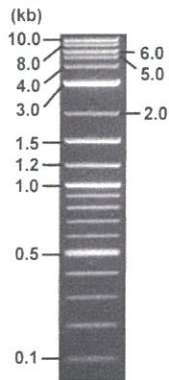
< Size of fragment expected from this clone >

DNA	0.15	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H		1 ul
dH ₂ O	7.85	ul
Total	10	ul

EcoRI	6.8 kb
XhoI	6.8 kb
EcoRI + XhoI	4.3kb (Vector) 2.5 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 151009

DNA (<u>339</u> ng/ul)	<u>85.0</u> ul
10x TE	<u>115.3</u> ul
dH ₂ O	<u>952.3</u> ul
Total	<u>1152.6</u> ul

● Confirmation of the insertion sequence

Date : 151008

Primer A	Reverse2
Primer B	M13
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:606 A:299 T:168 C:290

Primer A : Reverse2

IRAK174N21_A5J1_2_Reverse2

Oct 08,2015 11:57AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Oct 08,2015 12:23PM, JST

KB 1.4.1.8 Cap:16

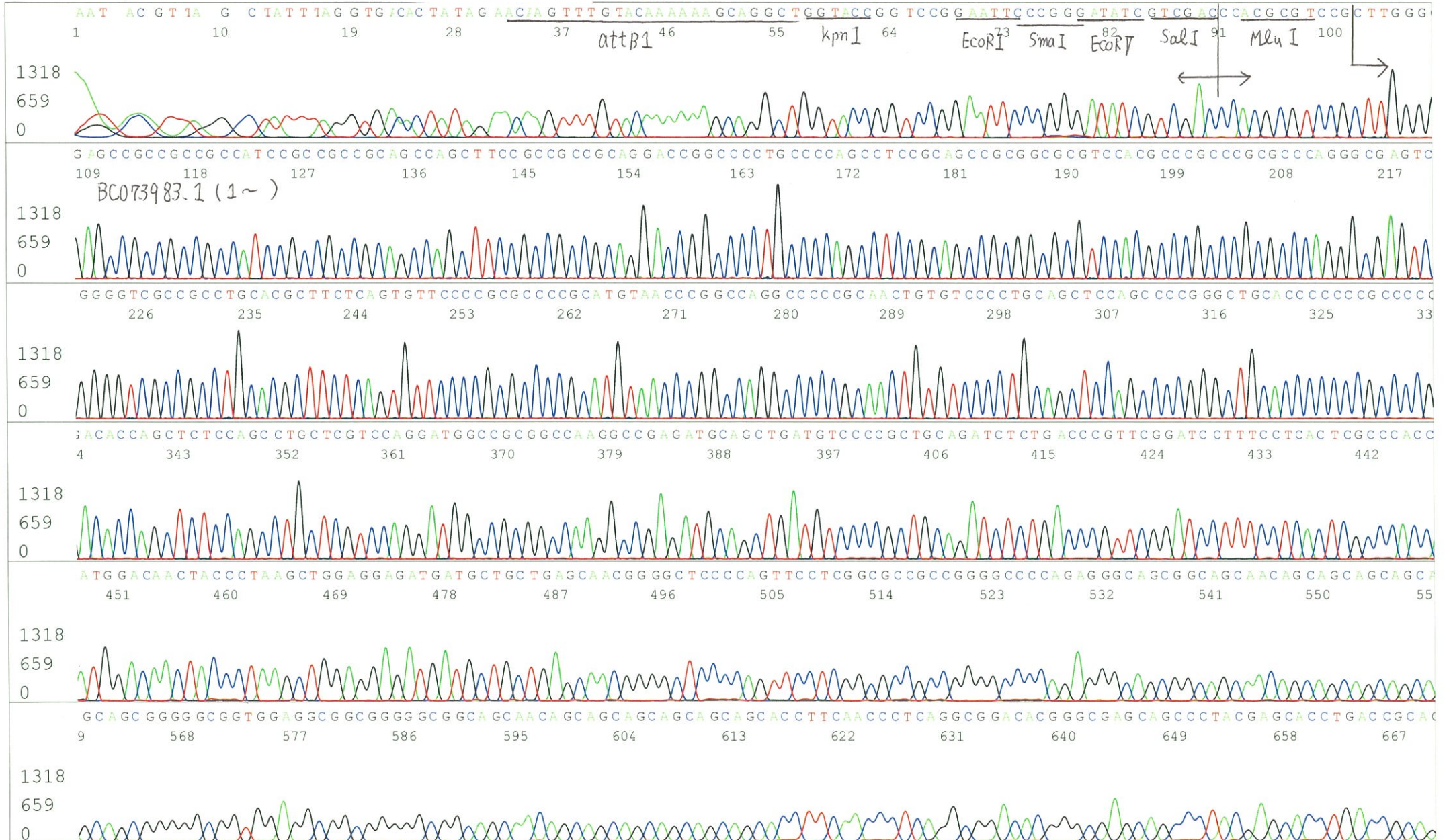
5' GCGGATAACAATTTTCACACAGG 3'

Pts 1284 to 12817 Pk1 Loc:1261

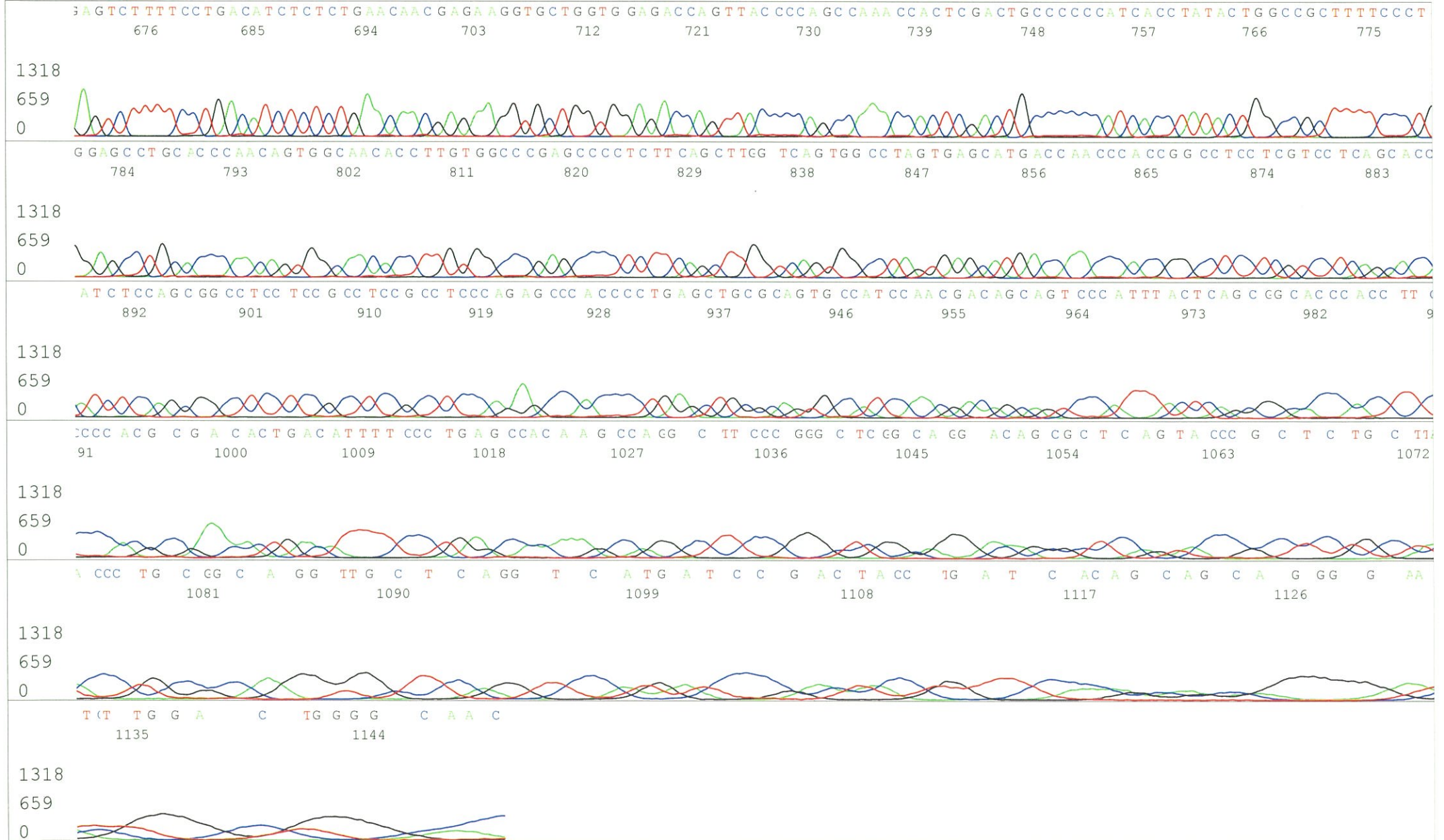
Spacing:11.24 Pts/Panel1350

Version 6.0 HiSQV Bases: 975

Plate Name: 20151008_GNP



S/N G:606 A:299 T:168 C:290
KB.bcp
KB 1.4.1.8 Cap:16



S/N G:252 A:159 T:151 C:118

Primer B : M13

IRAK174N21_A5J1_2_M13(-40)

Oct 08,2015 11:57AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Oct 08,2015 12:23PM, JST

KB 1.4.1.8 Cap:3

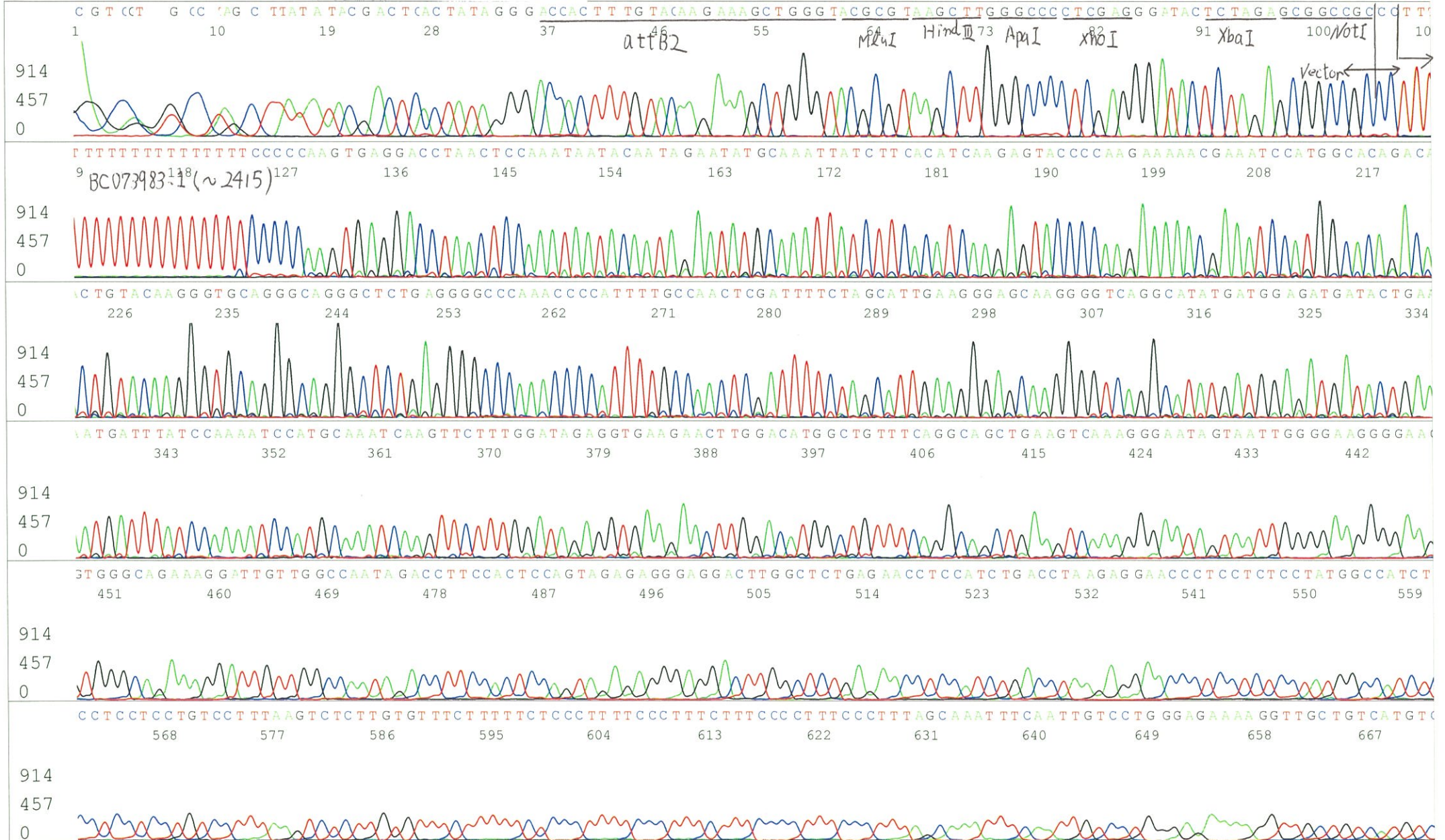
5' GTTTTCCCAGTCACGACGTTGTA 3'

Pts 1332 to 12911 Pk1 Loc:1309

Spacing:11.26 Pts/Panel1350

Version 6.0 HiSQV Bases: 930

Plate Name: 20151008_GNP



S/N G:252 A:159 T:151 C:118
KB.bcp
KB 1.4.1.8 Cap:3

