

RIKEN Clone ID : IRAK028I13

Lot#: 7893_A6Bo

Vector : pCMV-SPORT6

Gene	FRK	
Accession No.	BC012916.1	2354 bp
	<i>CDS</i>	1518 bp

● Plasmid DNA purification

Date : 160307

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

Date : 160308

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 160308

DNA concentration (O.D.): 246 ng/ul

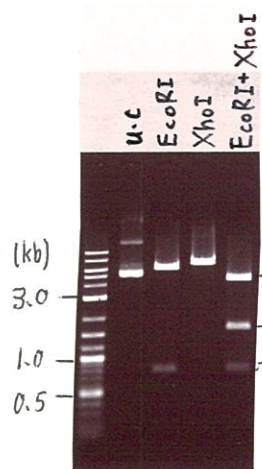
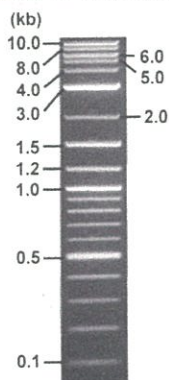
< Size of fragment expected from this clone >

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

EcoRI	5.9 , 0.77 kb
XhoI	6.7 kb
EcoRI + XhoI	4.3kb (Vector) 1.6, 0.77 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 160309

DNA (<u>246</u> ng/ul)	<u>84.0</u>	ul
10x TE	<u>82.7</u>	ul
dH ₂ O	<u>659.9</u>	ul
Total	<u>826.6</u>	ul

● Confirmation of the insertion sequence

Date : 160309

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:769 A:717 T:518 C:592
KB.bcp
KB 1.4.1.8 Cap:8

Primer A : Reverse2

IRAK028113_A6Bo_TR_2_Reverse2

KB_3500_POP7_BDTv3.mob

Pts 1395 to 12919 Pk1 Loc:1372

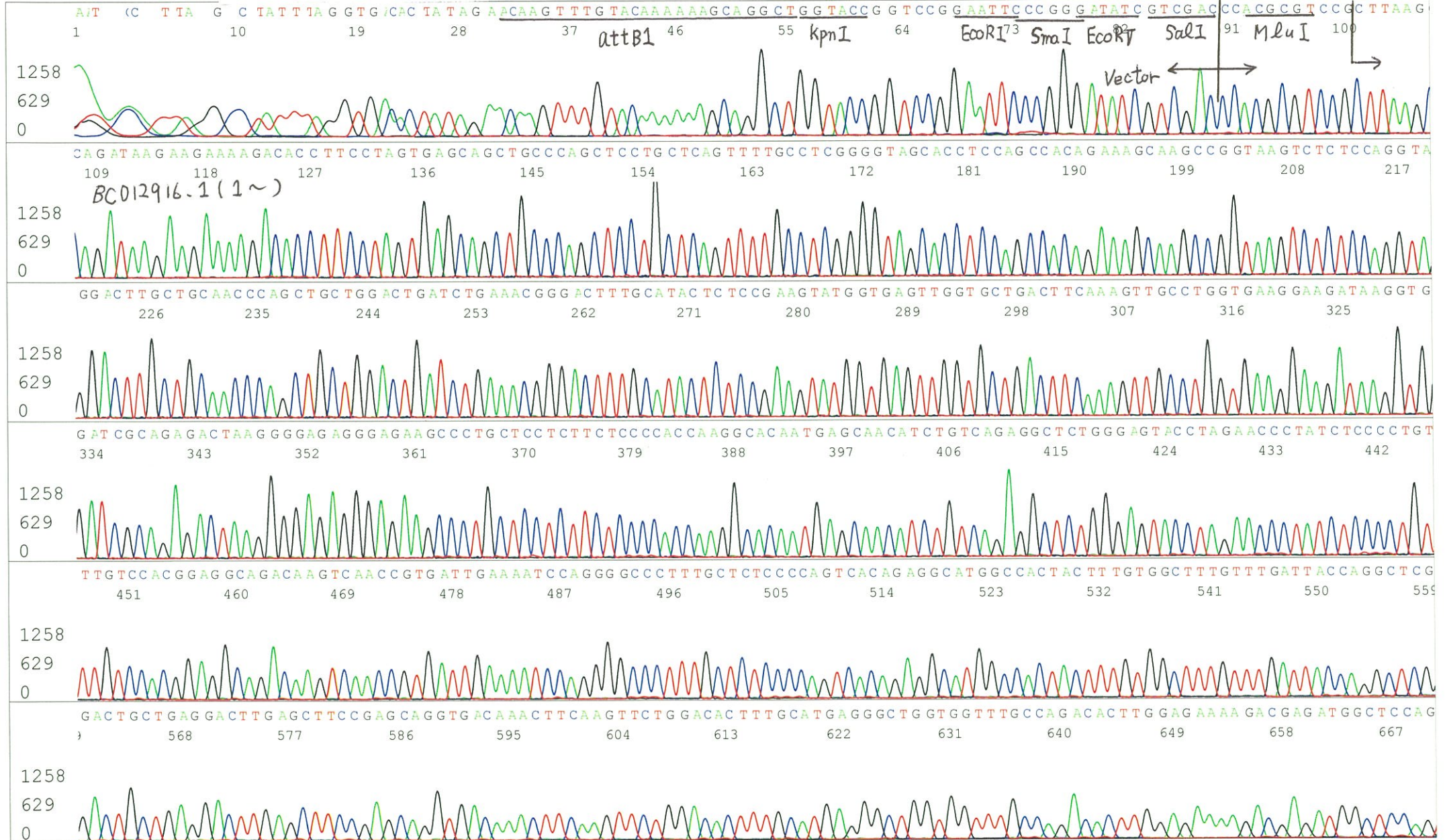
Version 6.0 HiSQV Bases: 997

Mar 09,2016 10:45AM, JST

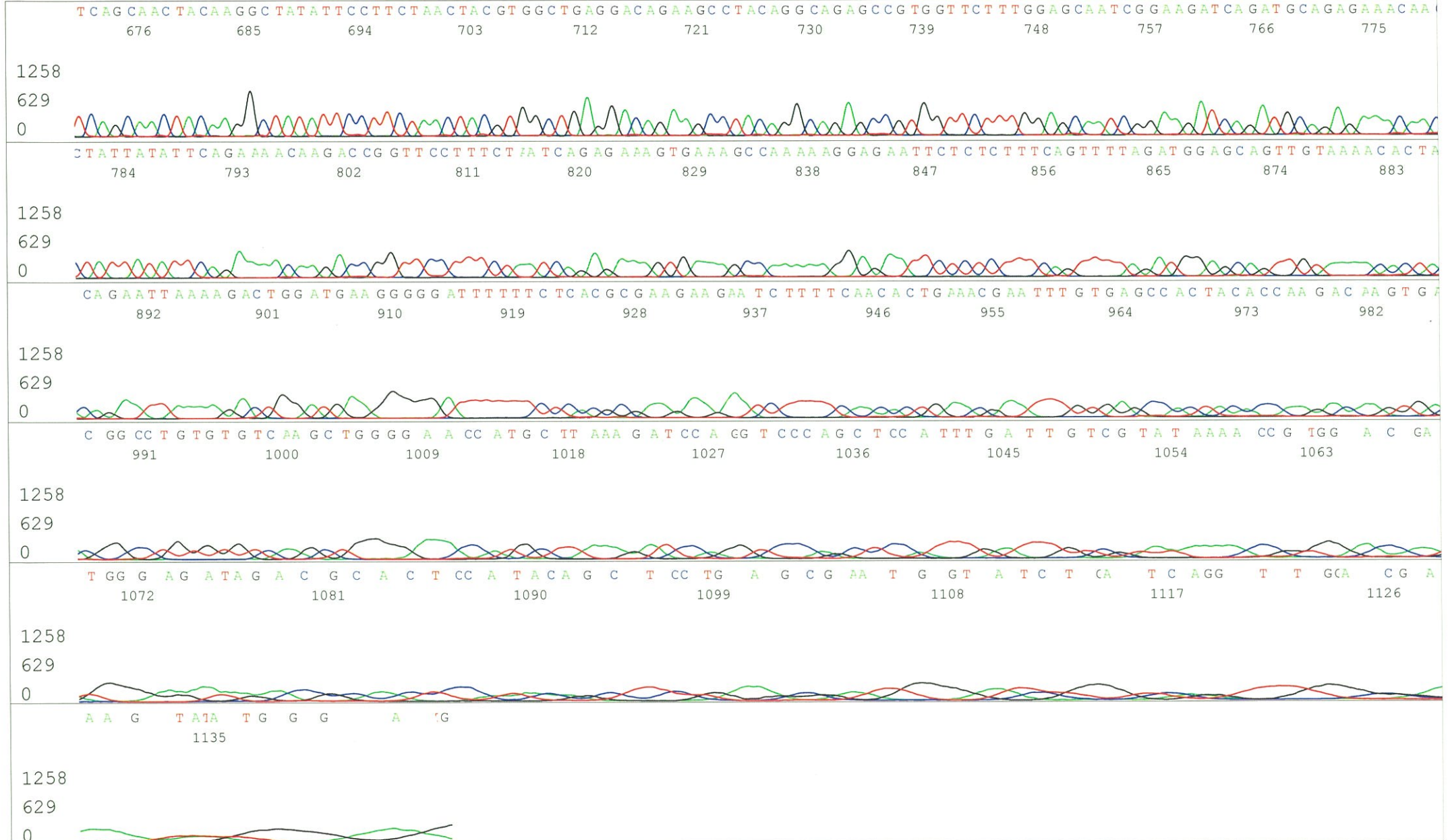
Mar 09,2016 11:11AM, JST

Spacing:11.48 Pts/Panel1350

Plate Name: 20160309_GNP



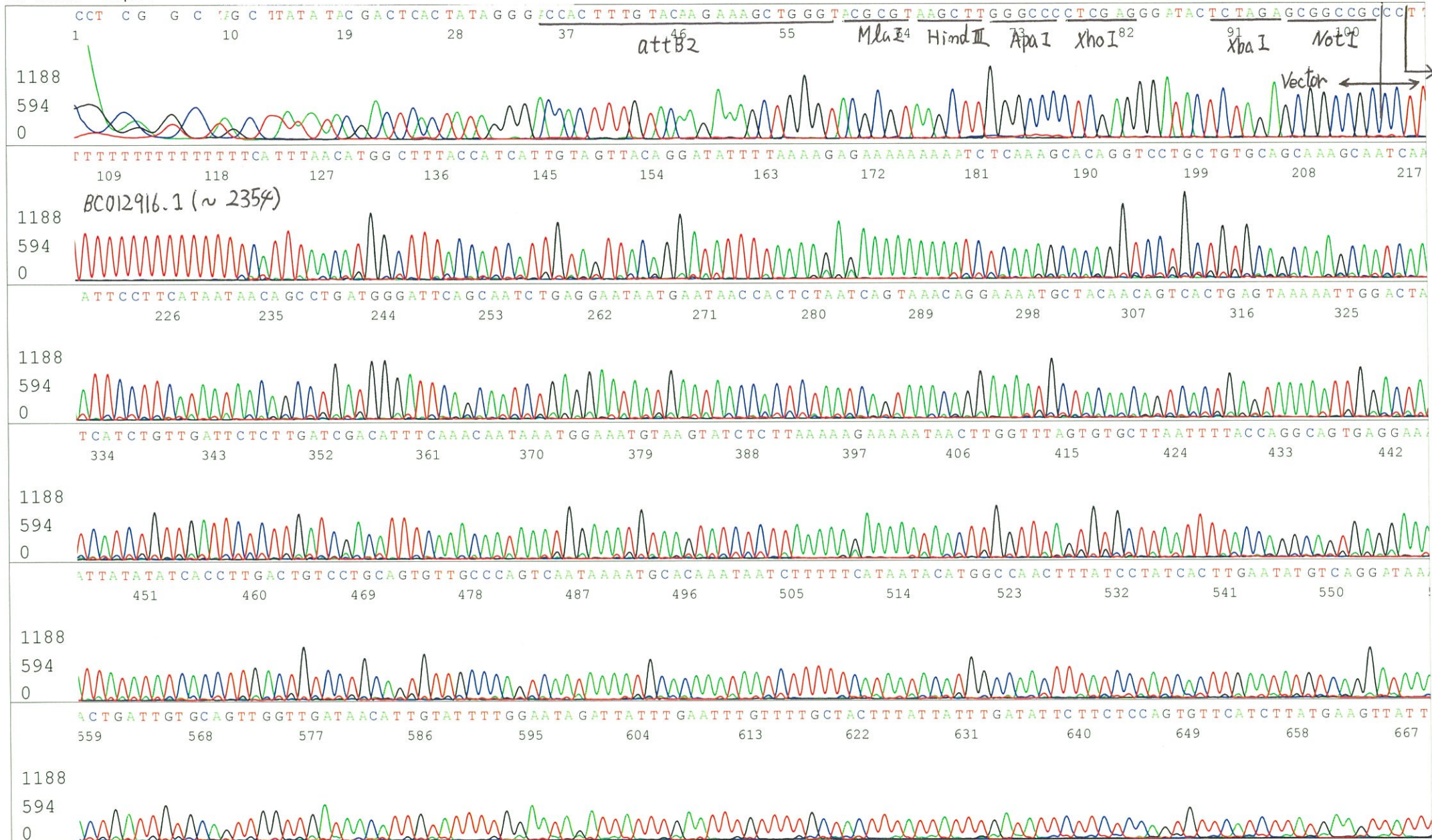
S/N G:769 A:717 T:518 C:592
KB.bcp
KB 1.4.1.8 Cap:8



S/N G:679 A:721 T:659 C:499
KB.bcp
KB 1.4.1.8 Cap:11

Primer B : M13

5' GTTTCCCAGTCACGACGTTGTA 3'



S/N G:679 A:721 T:659 C:499
KB.bcp
KB 1.4.1.8 Cap:11

