

RIKEN Clone ID : IRAK140E13

Lot#: 7893_A5K5

Vector : pCMV-SPORT6

Gene	RPS15	
Accession No.	BC064908.1	539 bp
	<i>CDS</i>	438 bp

● Plasmid DNA purification

Date : 151105

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

Date : 151106

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 151106

DNA concentration (O.D.): 130 ng/ul

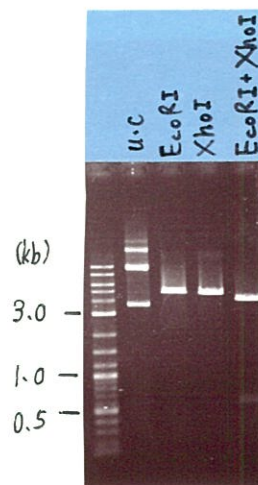
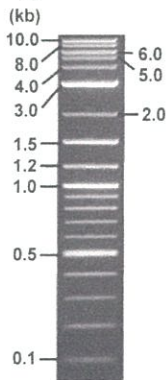
< Size of fragment expected from this clone >

DNA	0.8 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.2 ul
Total	10 ul

EcoRI	4.9 kb
XhoI	4.9 kb
EcoRI + XhoI	4.3kb (Vector) 0.58 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 151126

DNA (130 ng/ul)	80.0 ul
10x TE	41.6 ul
dH ₂ O	294.4 ul
Total	416.0 ul

● Confirmation of the insertion sequence

Date : 151120

Primer A	Reverse2
Primer B	M13
Primer C : Poly(A) region primer #29	
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:825 A:601 T:476 C:580

Primer A : Reverse2

IRAK140E13_A5K5_Reverse2

Nov 20,2015 01:58PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Nov 20,2015 02:24PM, JST

KB 1.4.1.8 Cap:23

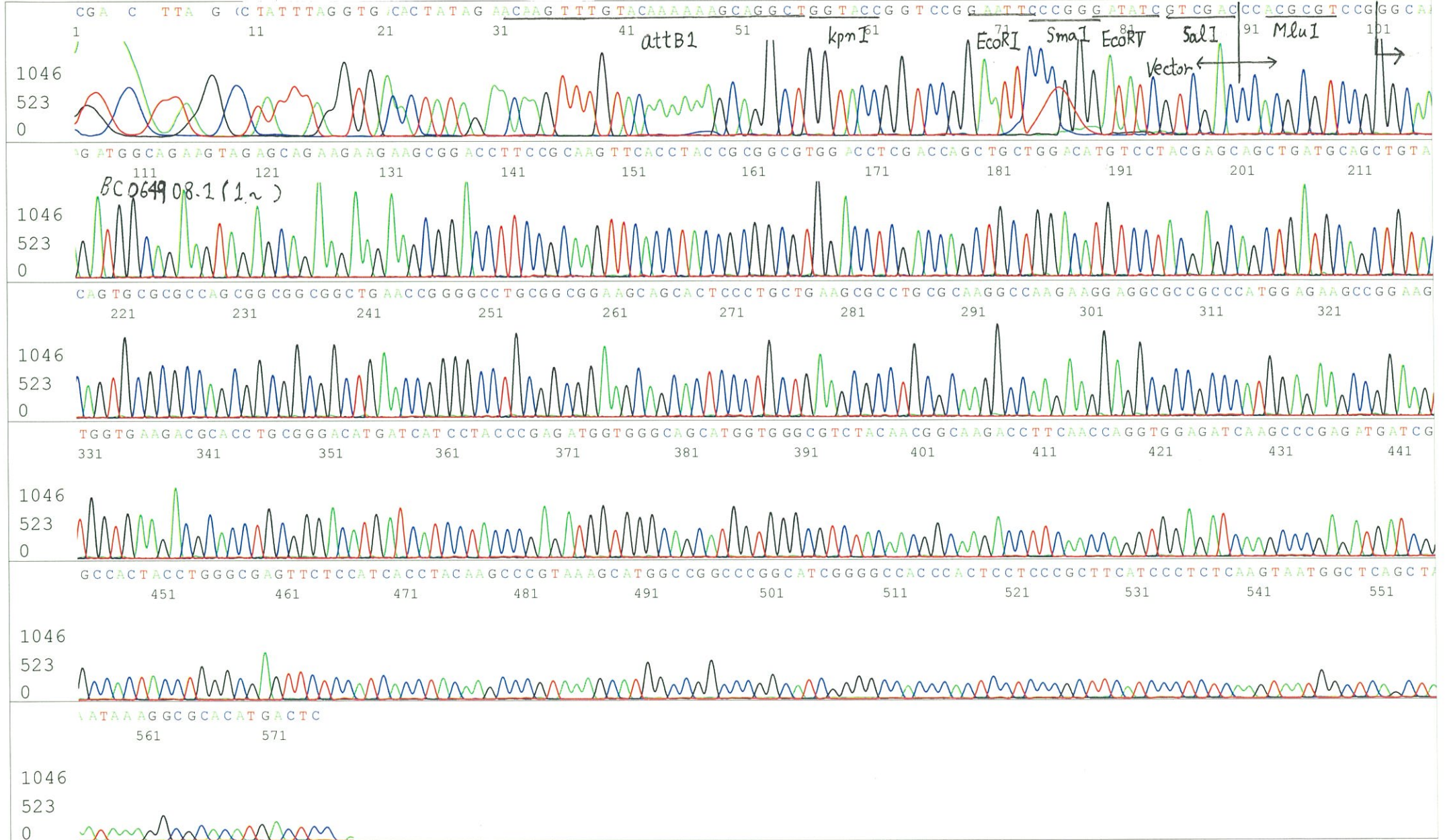
5' GCGGATAACAATTTTCACACAGG 3'

Pts 1515 to 7653 Pk1 Loc:1492

Spacing:10.75 Pts/Panel1350

Version 6.0 HiSQV Bases: 557

Plate Name: 20151120_mix



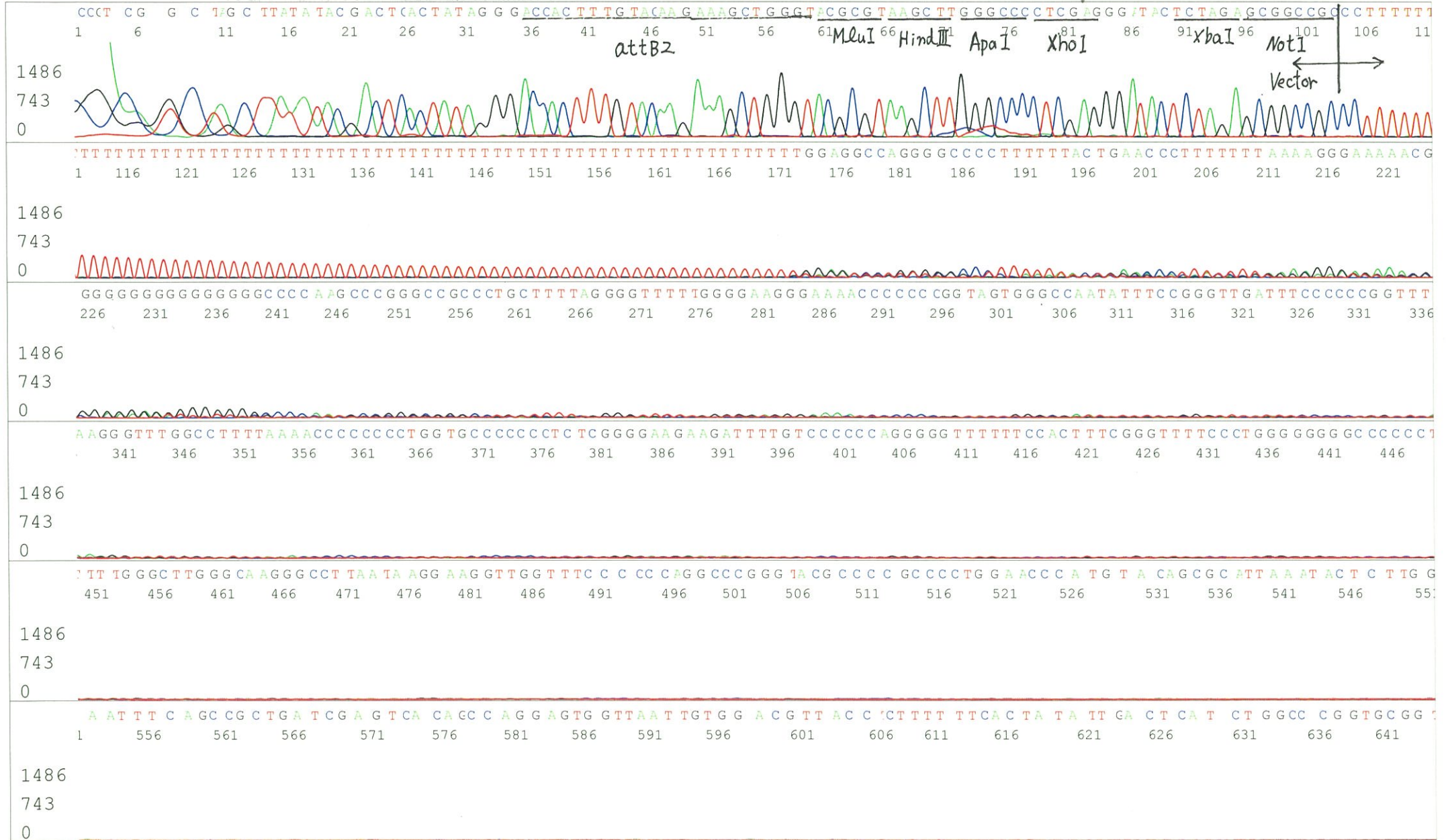
S/N G:103 A:66 T:71 C:59
KB.bcp
KB 1.4.1.8 Cap:10

Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

IRAK140E13_A5K5_M13(-40)_D07_10
IRAK140E13_A5K5_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1533 to 11640 PK1 Loc:1510
Version 6.0 HiSQV Bases: 196

Inst Model/Name 3500/3500 Instrument
Nov 18,2015 08:03PM, JST
Nov 18,2015 08:30PM, JST
Spacing:13.25 Pts/Panel1350
Plate Name: 20151118_mix



S/N G:103 A:66 T:71 C:59
KB.bcp
KB 1.4.1.8 Cap:10



S/N G:348 A:158 T:219 C:185

Primer C : Poly(A) region primer #29

IRAK140E13_A5K5_GNP29

Nov 20,2015 01:58PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Nov 20,2015 02:24PM, JST

KB 1.4.1.8 Cap:20

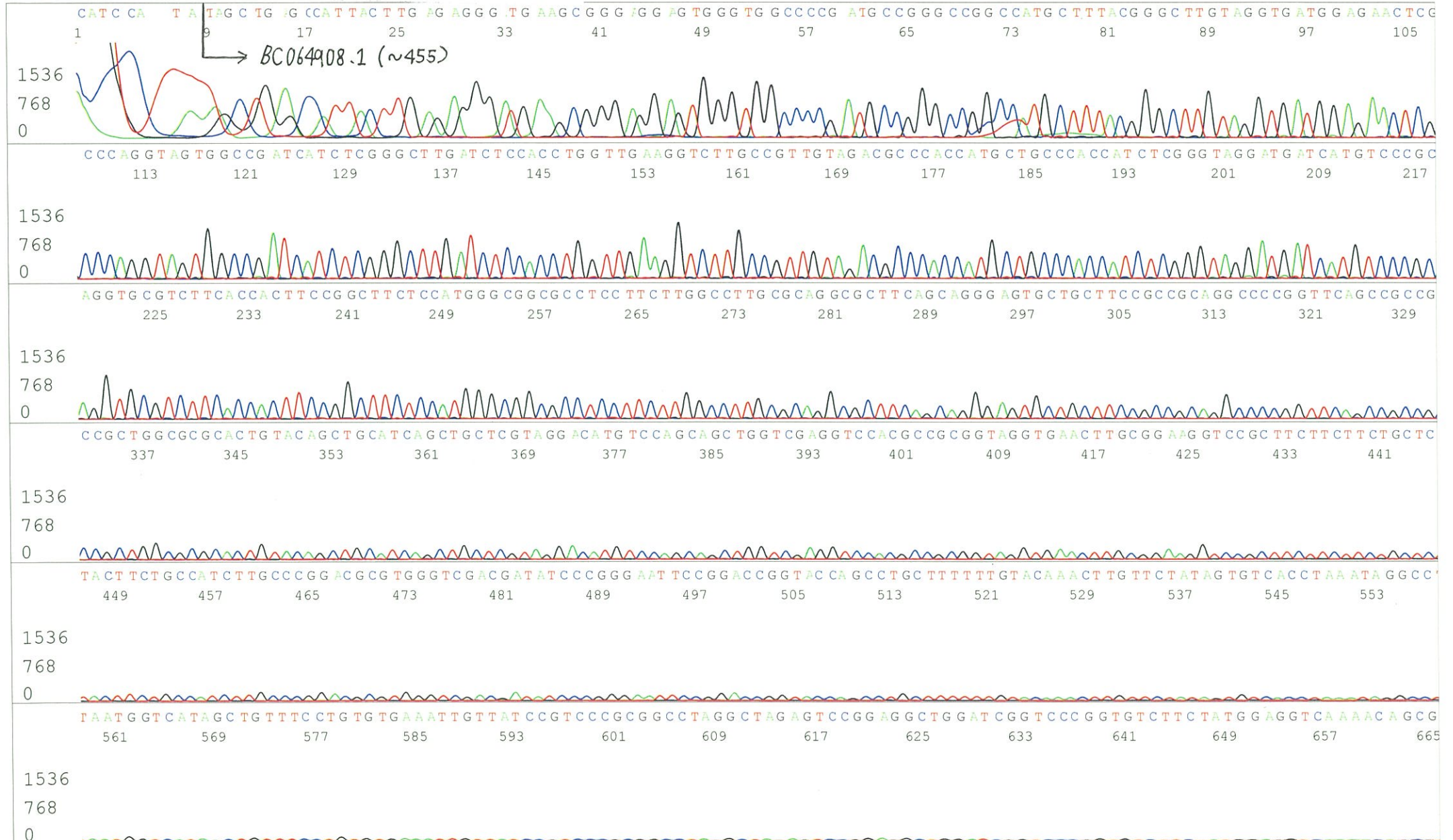
5' TTTTTTTTTTTTTTTTTTTTTT GGA 3'

Pts 1545 to 12264 PK1 Loc:1522

Spacing:10.7 Pts/Panel1350

Version 6.0 HiSQV Bases: 904

Plate Name: 20151120_mix



S/N G:348 A:158 T:219 C:185
KB.bcp
KB 1.4.1.8 Cap:20

