

RIKEN Clone ID : IRAL036B22

Lot#: 7566_A3K5

Vector : pDNR-LIB

Gene	PIK3R1	
Accession No.	BC030815.1	2427 bp
		1..2427
	<i>CDS</i>	1365 bp
		63..1427

● Plasmid DNA purification

Date : 131105

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

Date : 131107

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 131107

DNA concentration (O.D.): 127 ng/ul

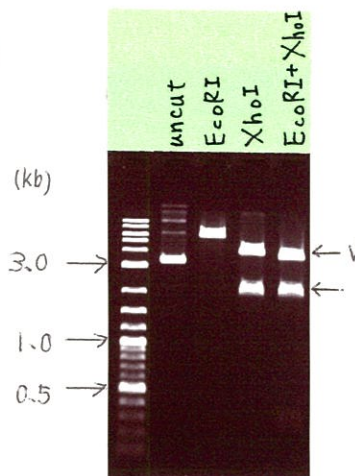
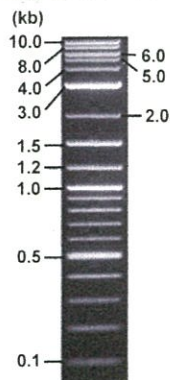
< Size of fragment expected from IRAL036B22 >

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	6379 bp
XhoI	4204, 2175 bp
EcoRI + XhoI	3919bp (Vector) 2175, 285 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 131107

● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

Date : 131111

Primer A	T7 long
Primer B	M13 Reverse
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

DNA (<u>127</u> ng/ul)	82.0 ul
10x TE	41.2 ul
dH ₂ O	293.4 ul
Total	416.6 ul



APPROVED BY :

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

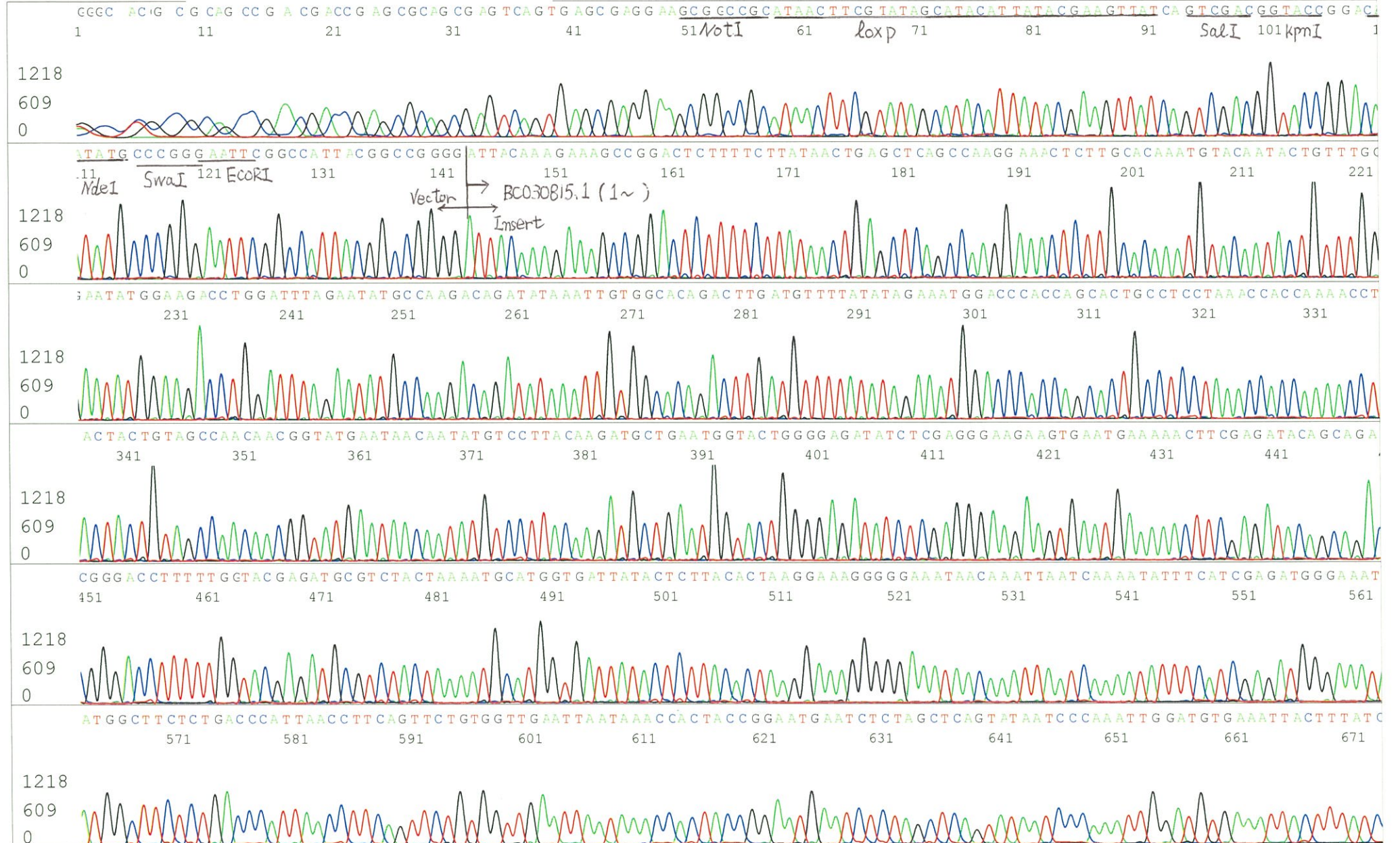
S/N G:666 A:694 T:508 C:...

Primer A: T7 long

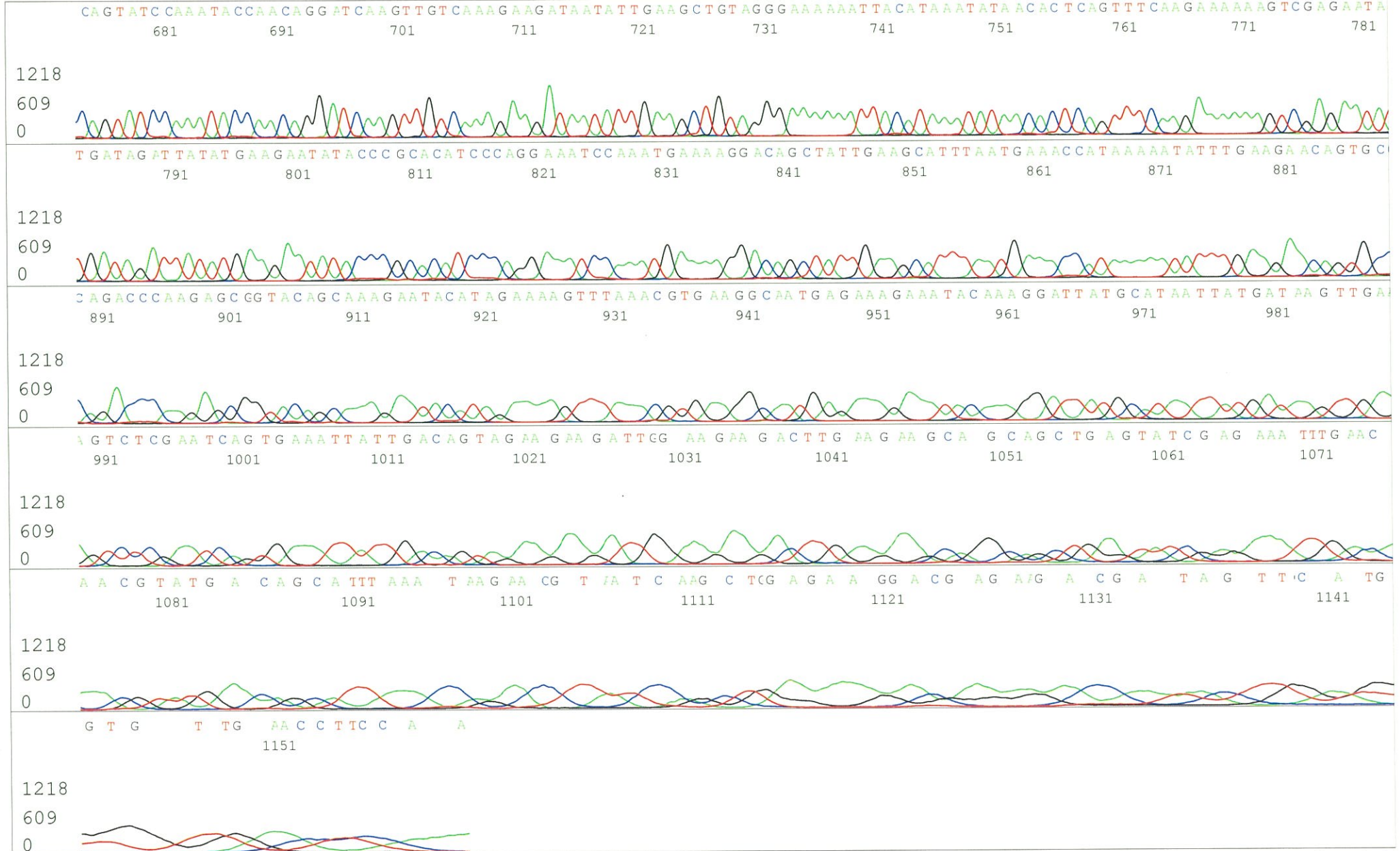
KB.bcp

KB 1.4.1.8 Cap:11

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'



S/N G:666 A:694 T:508 C:340
KB.bcp
KB 1.4.1.8 Cap:11



S/N G:128 A:116 T:118 C:78

Primer B : M13 Reverse

IRAL036B22_A3K5_M13reverse

Nov 07,2013 03:06PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Nov 07,2013 03:46PM, JST

KB 1.4.1.8 Cap:14

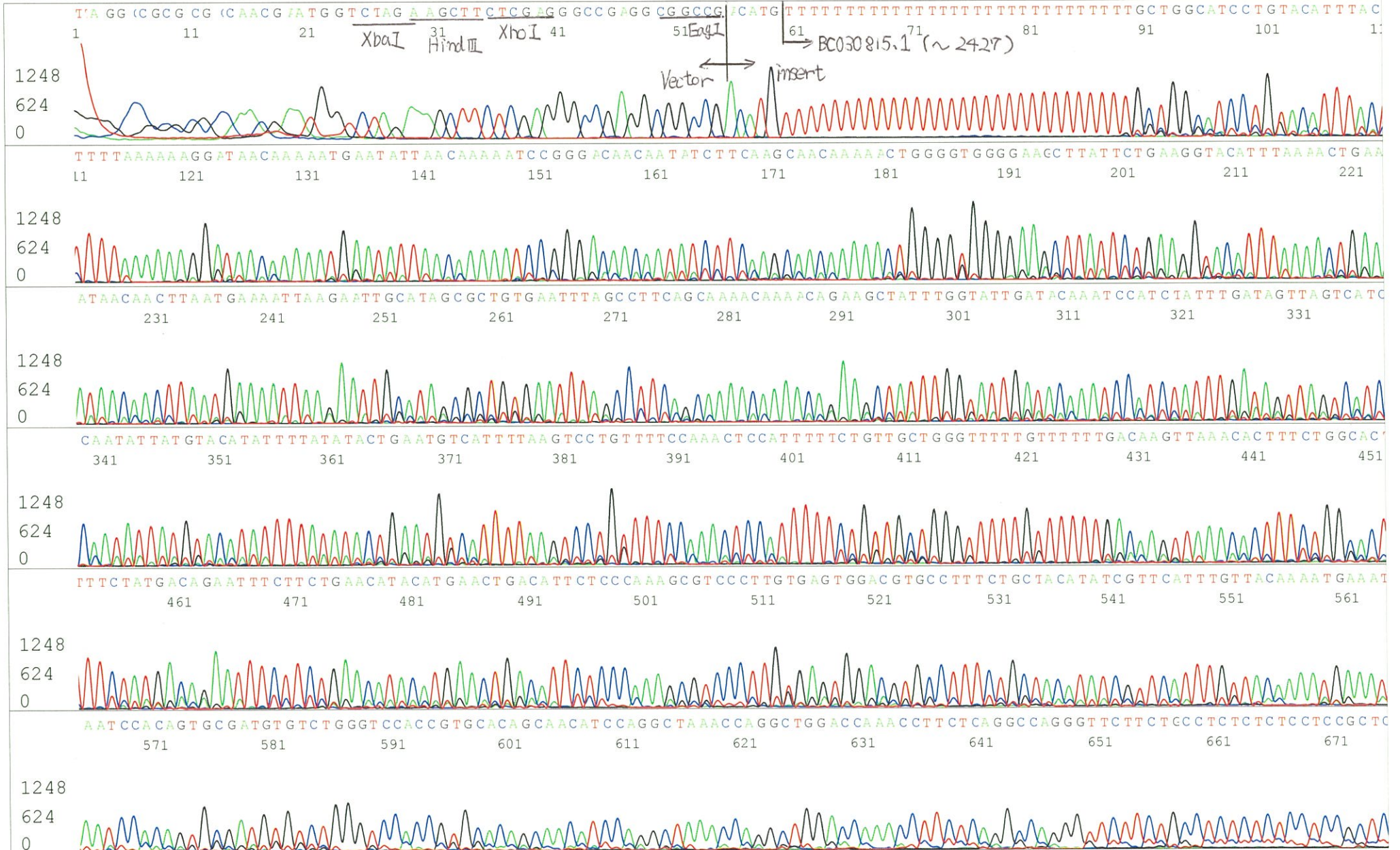
5' AAACAGCTATGACCATGTTCA 3'

Pts 1344 to 13104 Pk1 Loc:1321

Spacing:11.51 Pts/Panel1350

Version 5.4 HiSQV Bases: 970

Plate Name: 20131107_mix



S/N G:128 A:116 T:118 C:78
KB.bcp
KB 1.4.1.8 Cap:14

