

**RIKEN Clone ID : IRAL038F08**

Lot#: 7566\_A5Ko

Vector : pDNR-LIB

Gene	PRL	
Accession No.	BC015850.1	1388 bp
	CDS	684 bp

● Plasmid DNA purification

Date : 15/1/24

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

Date : 15/1/26

Purification : QIAGEN Miniprep kit -> dH<sub>2</sub>O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 15/1/26

DNA concentration (O.D.): 143 ng/ul

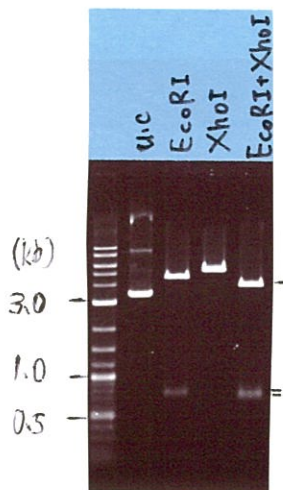
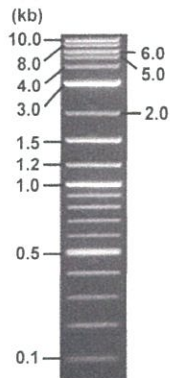
< Size of fragment expected from this clone >

DNA	0.7	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	7.3	ul
Total	10	ul

EcoRI	4.6 , 0.74 kb
XhoI	5.3 kb
EcoRI + XhoI	3.9kb (Vector) 0.74, 0.68 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 15/1/30

DNA (143 ng/ul)	23.0	ul
10x TE	47.5	ul
dH <sub>2</sub> O	344.3	ul
Total	474.8	ul

● Confirmation of the insertion sequence

Date : 15/1/27

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

● 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:69 A:76 T:77 C:57

IRAL038F08\_A5Ko\_T7long

Nov 27, 2015 04:57PM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Nov 27, 2015 05:22PM, JST

KB 1.4.1.8 Cap:24

Primer A: T7 long

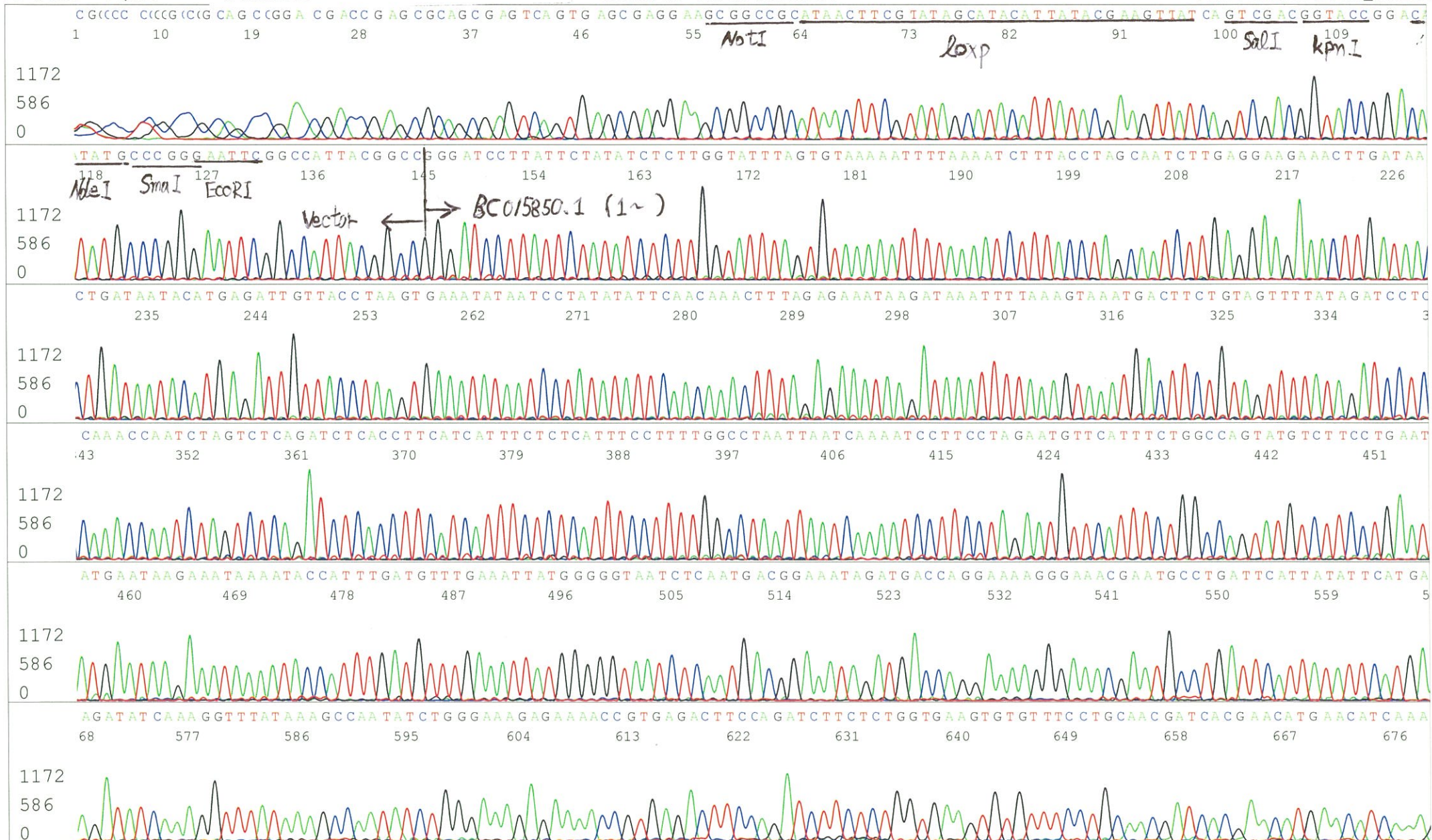
Pts 1322 to 12772 Pk1 Loc:1299

Spacing:11.36 Pts/Panel1350

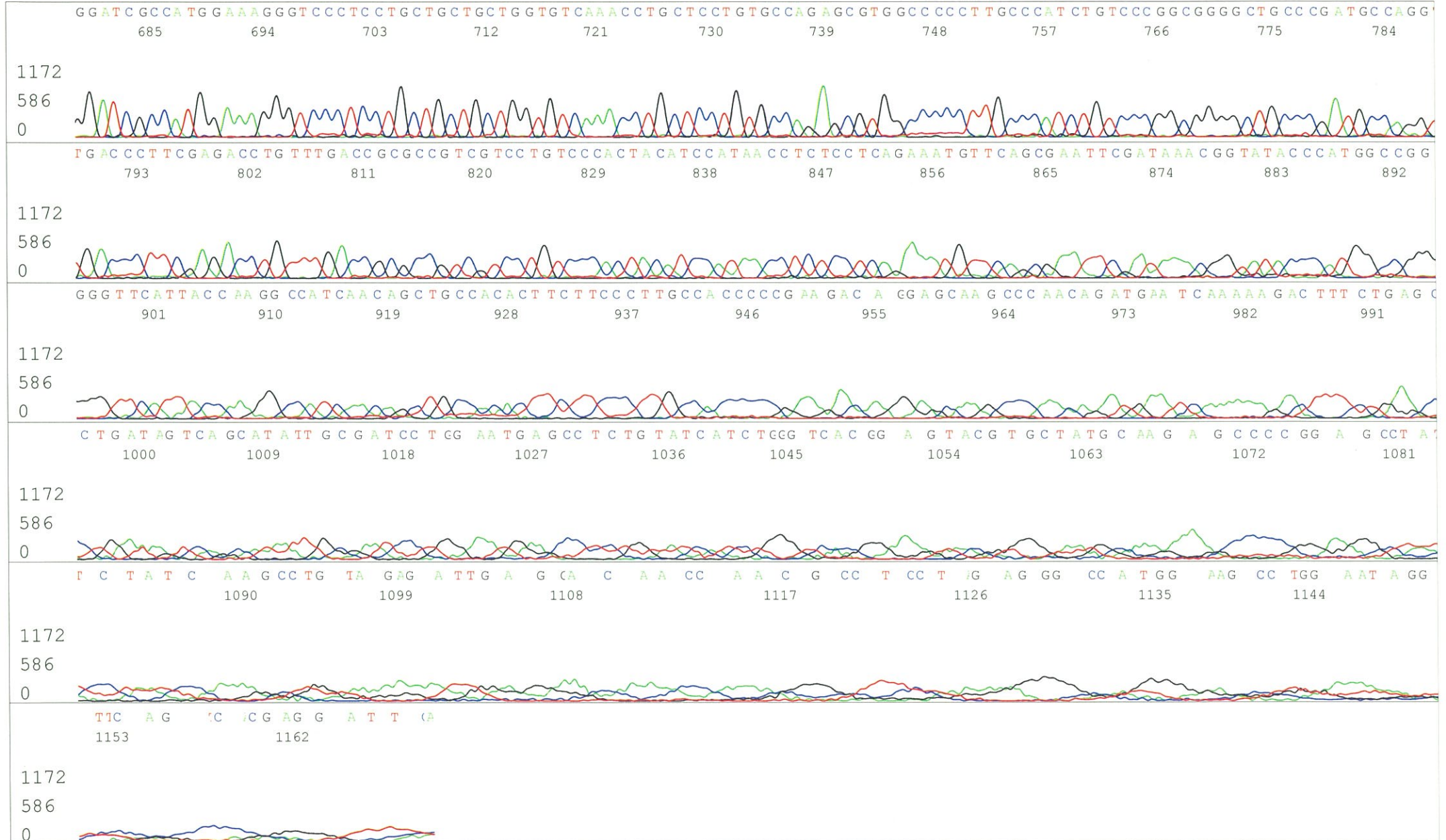
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

Version 6.0 HiSQV Bases: 992

Plate Name: 20151127\_kanetou

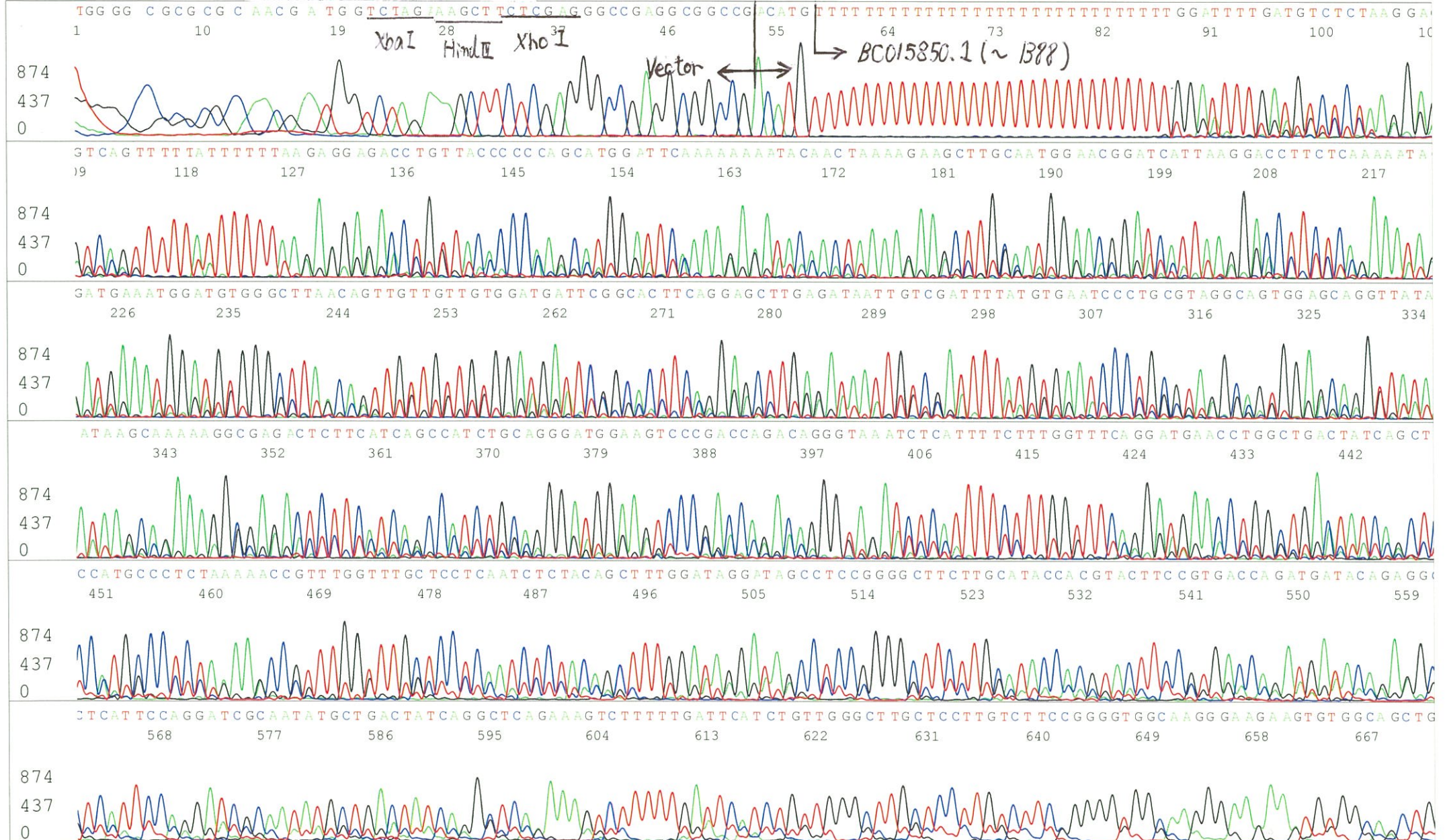


S/N G:69 A:76 T:77 C:57  
KB.bcp  
KB 1.4.1.8 Cap:24



S/N G:157 A:126 T:137 C:92  
KB.bcp  
KB 1.4.1.8 Cap:23

Primer B : M13 Reverse  
5' AAACAGCTATGACCATGTTCA 3'



S/N G:157 A:126 T:137 C:92  
KB.bcp  
KB 1.4.1.8 Cap:23

