

RIKEN Clone ID : IRAK033D24

Lot#: 7566_A4J7

Vector : pBluescriptR

Gene	C12orf12		
Accession No.	BC024183.2	1802 bp	1..1802
	<i>CDS</i>	1221 bp	433..1653

● Plasmid DNA purification

Date : 141007

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

Date : 141008

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 141008

DNA concentration (O.D.): 28 ng/ul

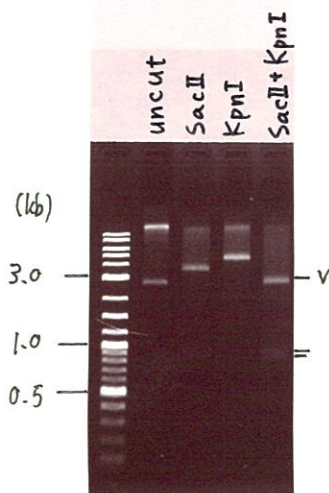
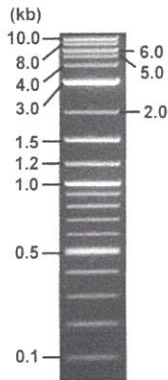
< Size of fragment expected from IRAK033D24 >

DNA	2	ul
Enzyme (SacII + KpnI)	0.5 + 0.5	ul
Buffer L	1	ul
dH ₂ O	6	ul
Total	10	ul

SacII	3762, 963, 34, 33 bp
KpnI	4792 bp
SacII + KpnI	2862bp (Vector) 963, 900, 34, 33 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 141010

● Confirmation of the insertion sequence

DNA (28 ng/ul)	68.0	ul
10x TE	7.6	ul
dH ₂ O	0.6	ul
Total	76.2	ul

Date : 141009

Primer A	T7
Primer B	Reverse2
Primer C	poly(A) region primer #0
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

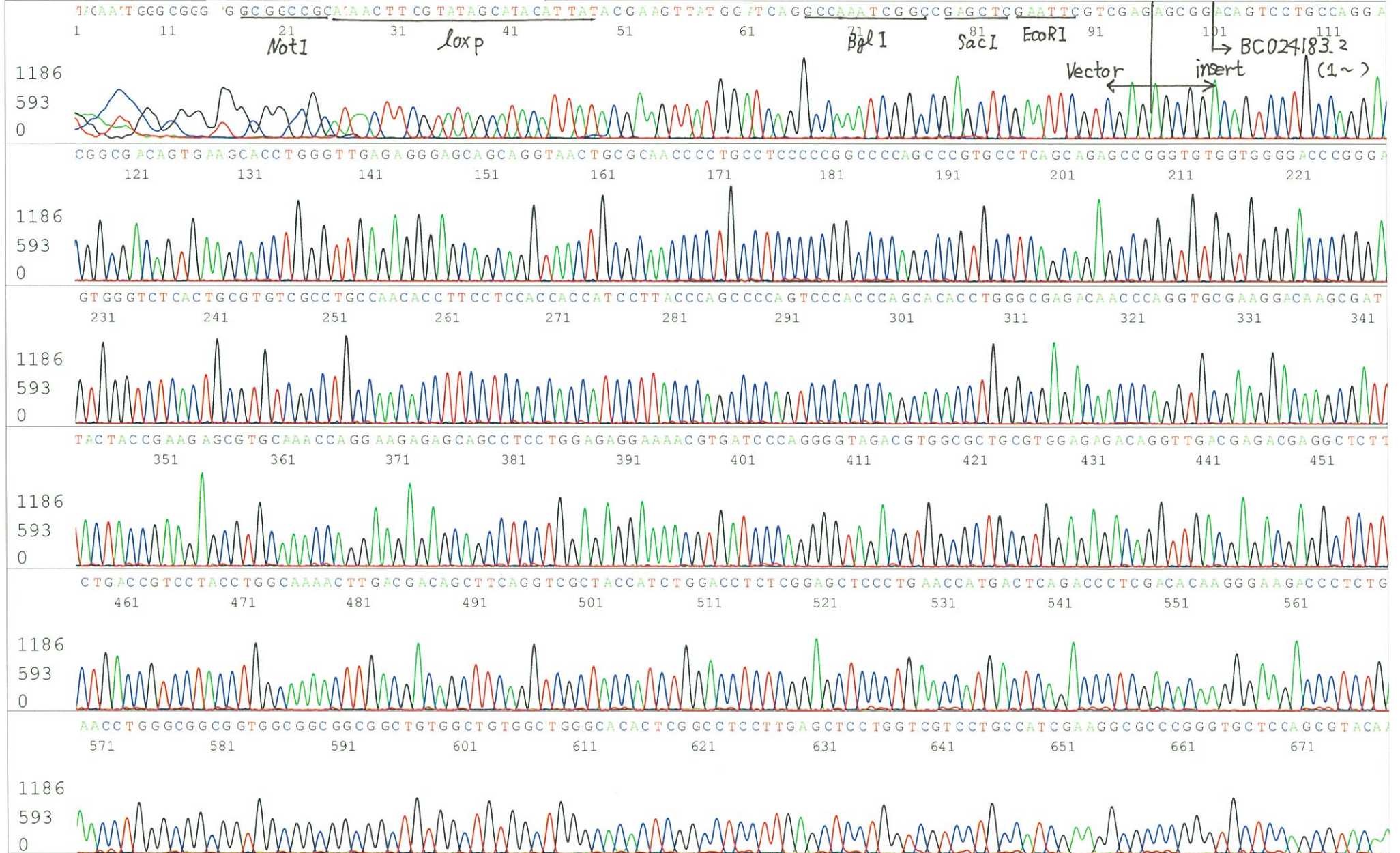
APPROVED BY :

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

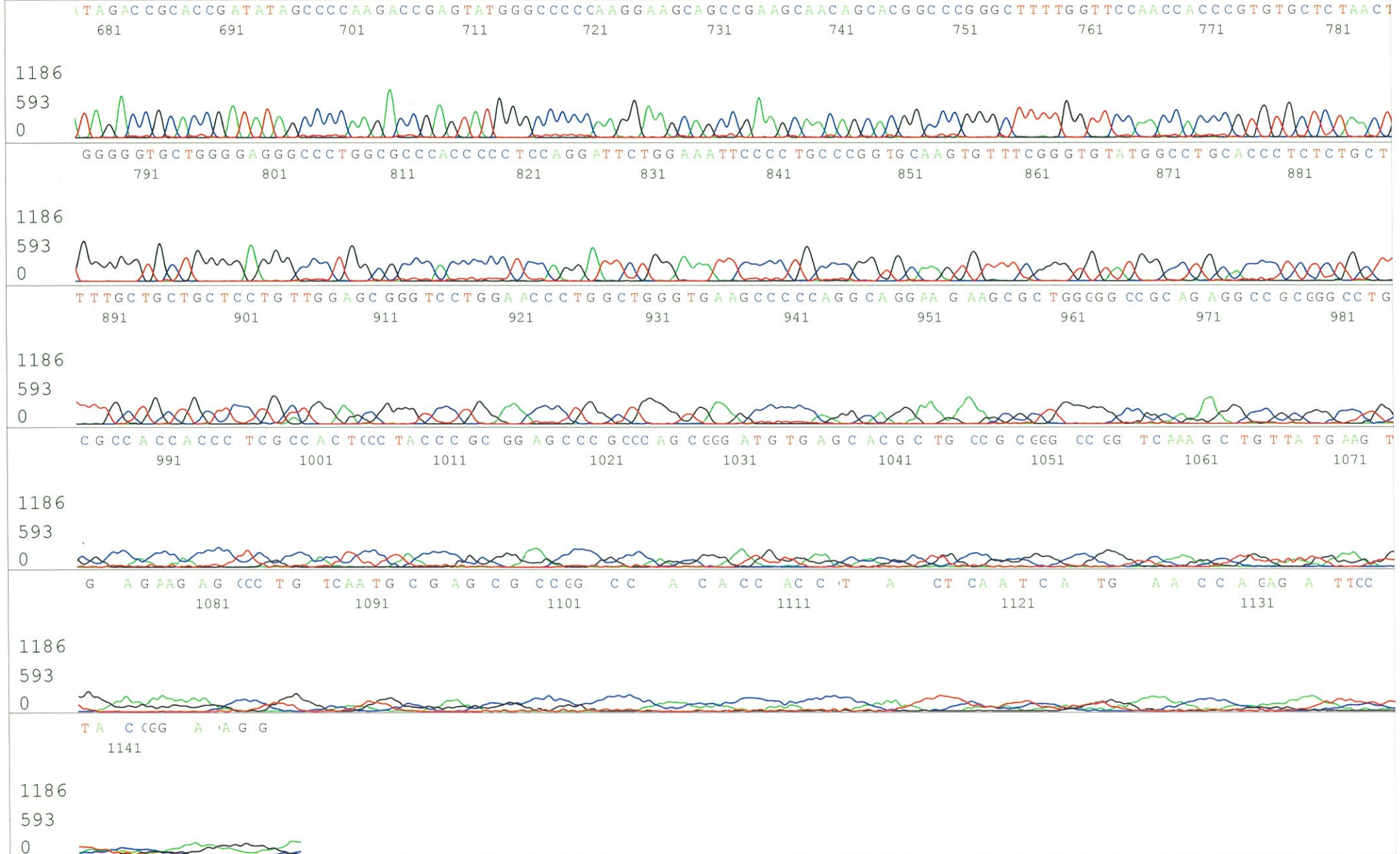


S/N G:45 A:44 T:41 C:66
KB.bcp
KB 1.4.1.8 Cap:3

Primer A : T7
5' TAATACGACTCACTATAGGG 3'

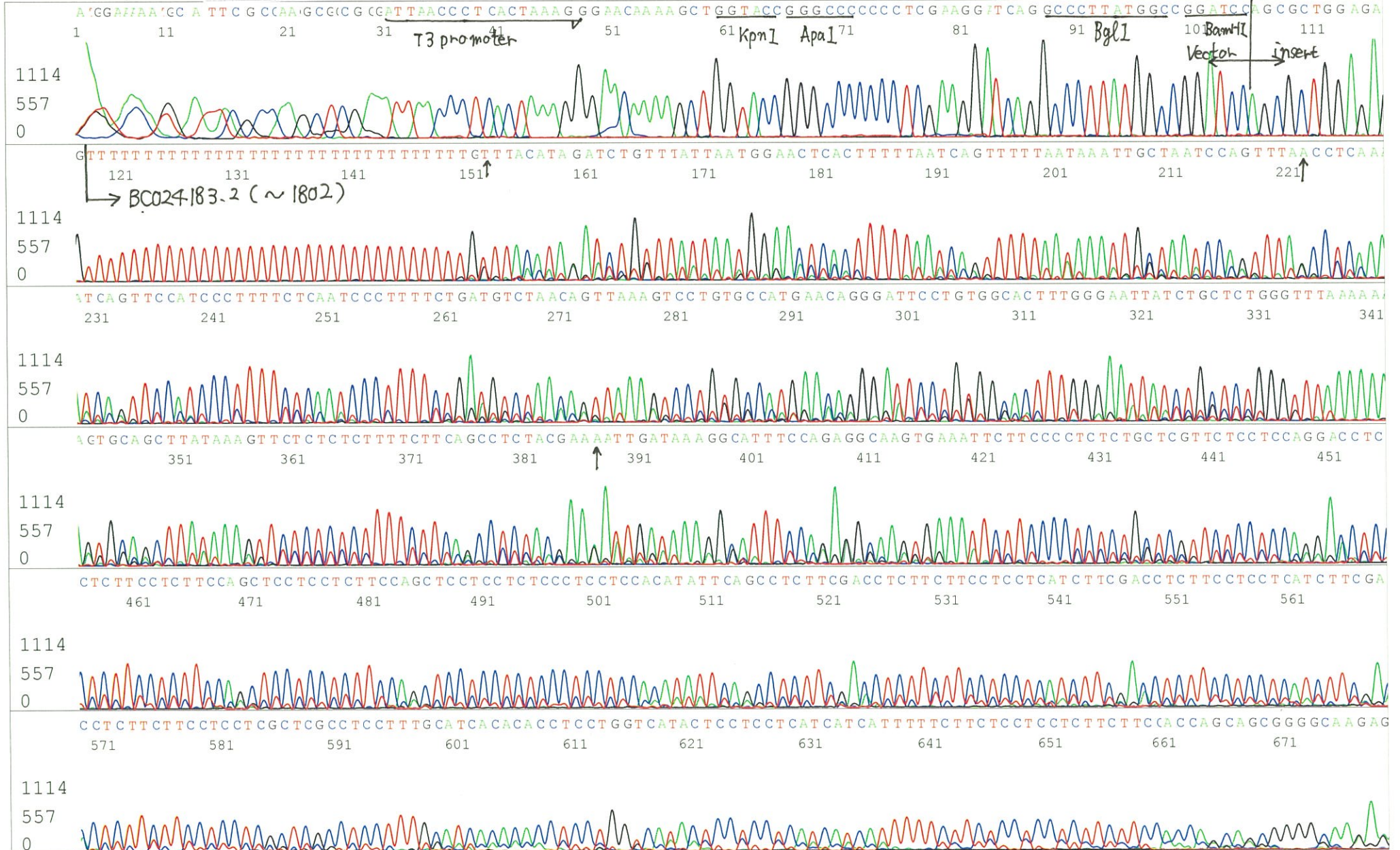


S/N G:45 A:44 T:41 C:66
KB.bcp
KB 1.4.1.8 Cap:3

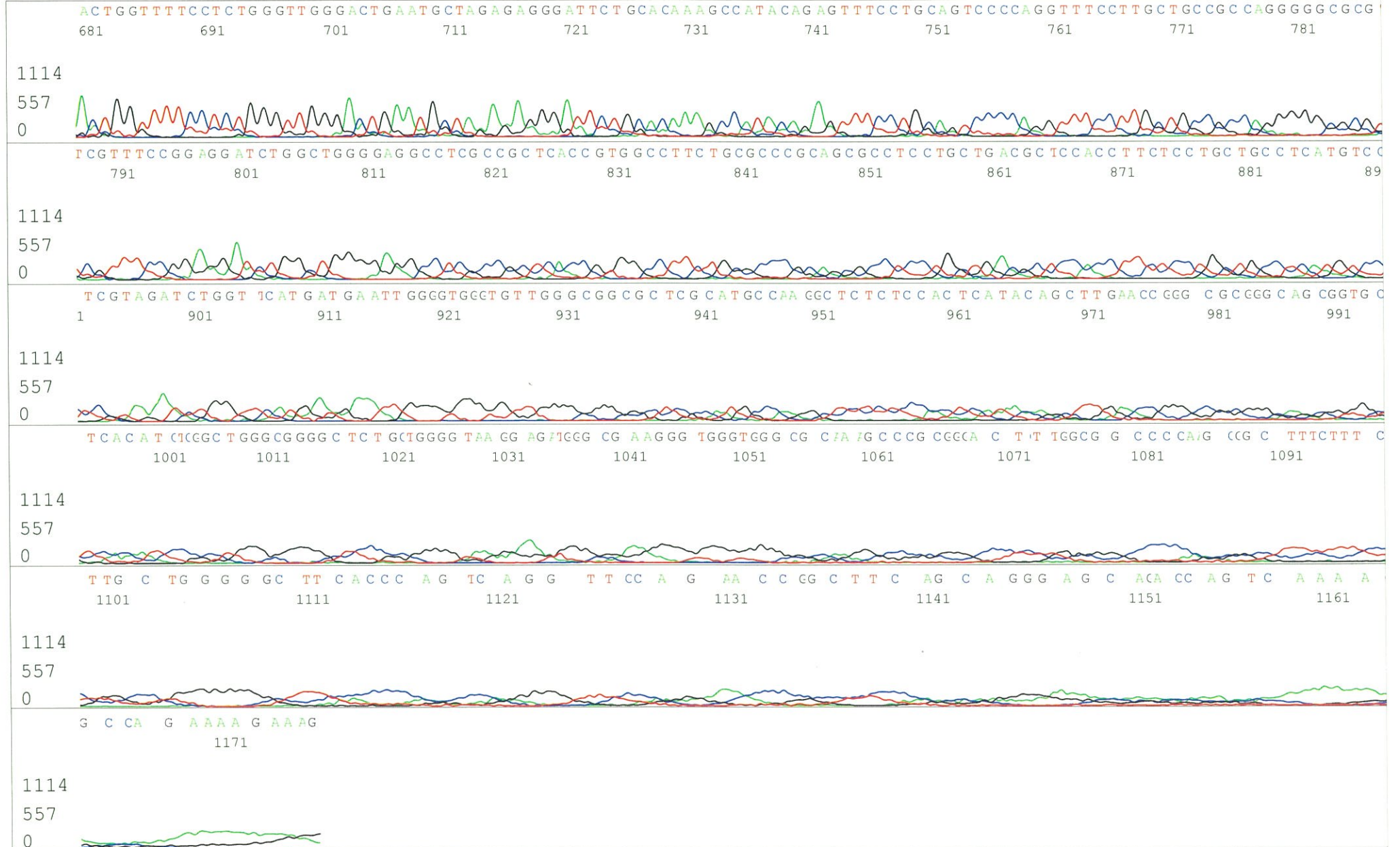


S/N G:31 A:38 T:52 C:64
KB.bcp
KB 1.4.1.8 Cap:6

Primer B : Reverse2
5' GCGGATAACAATTTTCACACAGG 3'



S/N G:31 A:38 T:52 C:64
KB.bcp
KB 1.4.1.8 Cap:6



S/N G:9 A:7 T:9 C:11
KB.bcp
KB 1.4.1.8 Cap:9

