

RIKEN Clone ID : IRAK174B24

Lot#: 7893_A7C1

Vector : pCMV-SPORT6

Gene	FMNL1	
Accession No.	BC073988.1	2590 bp
	CDS	2051 bp

● Plasmid DNA purification

Date : 170306

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

Date : 170307

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 170307

DNA concentration (O.D.): 341 ng/ul

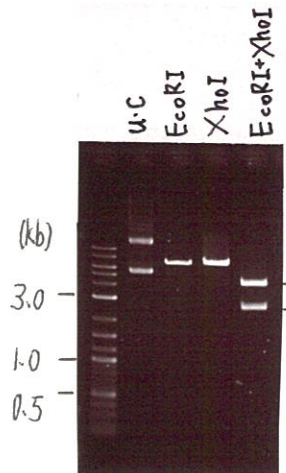
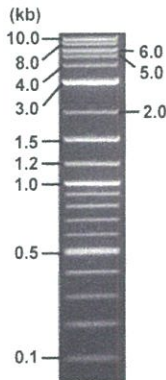
< Size of fragment expected from this clone >

DNA	0.3 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.7 ul
Total	10 ul

EcoRI	6.9 kb
XhoI	6.9 kb
EcoRI + XhoI	4.3kb (Vector) 2.6 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 170310

● Confirmation of the insertion sequence

Date : 170310

DNA (<u>341</u> ng/ul)	85.0 ul
10x TE	115.9 ul
dH ₂ O	958.5 ul
Total	1159.4 ul

Primer A	Reverse2
Primer B	M13
f Primer C : Poly(A) region primer # <u>10</u>	
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

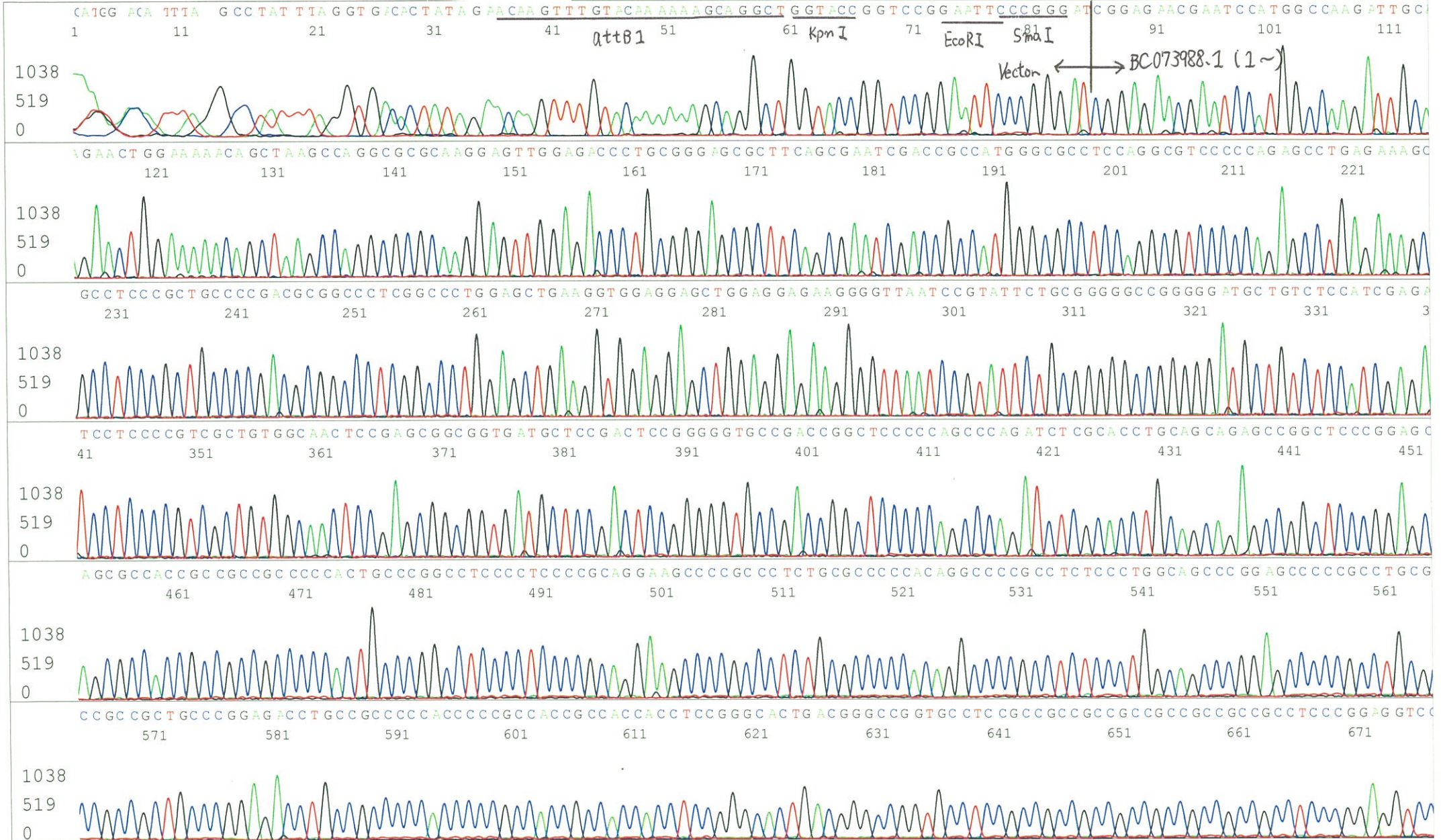
APPROVED BY :

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

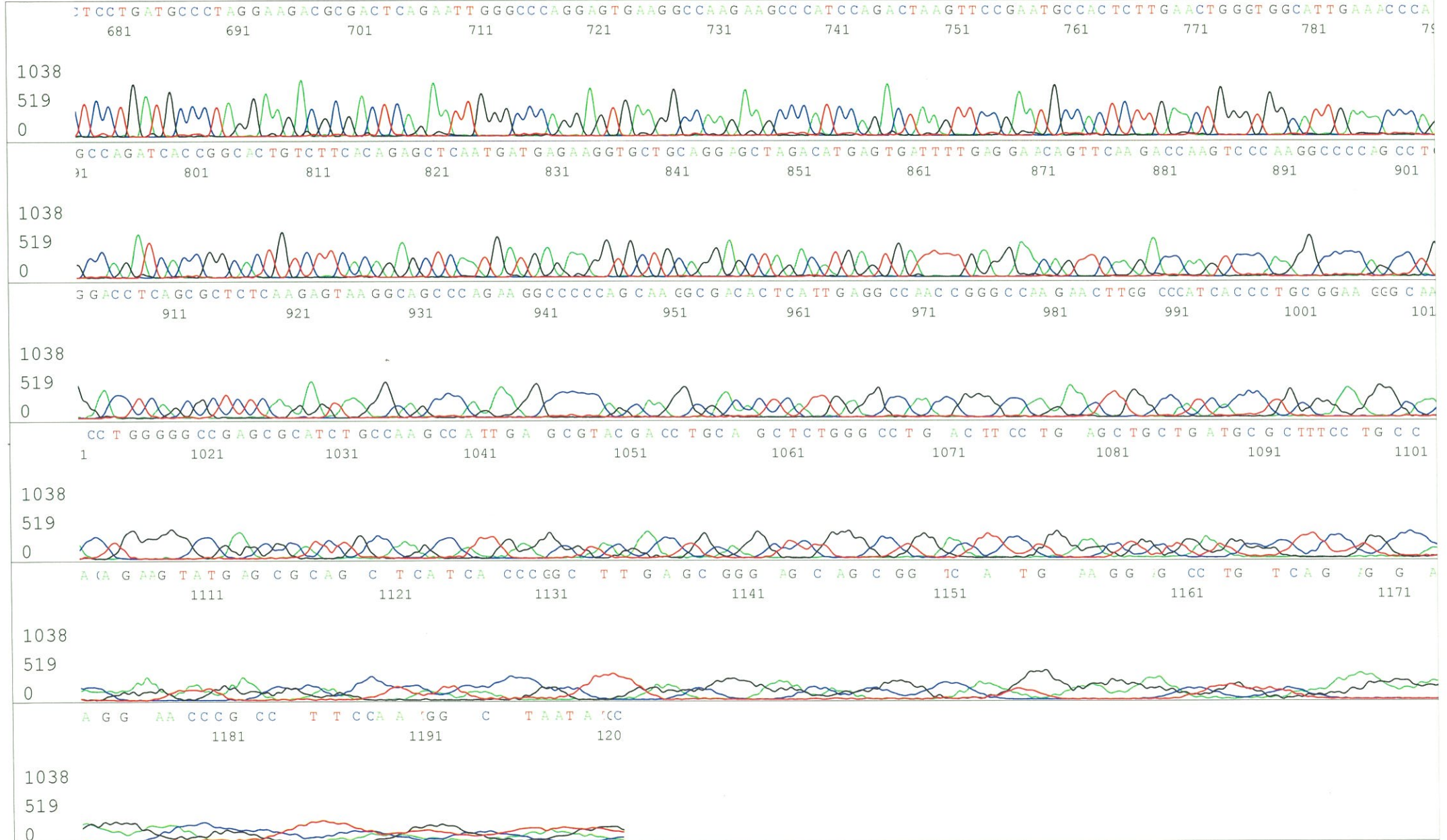


S/N G:75 A:63 T:63 C:119
KB.bcp
KB 1.4.1.8 Cap:3

Primer A : Reverse2
5' GCGGATAACAATTTTCACACAGG 3'



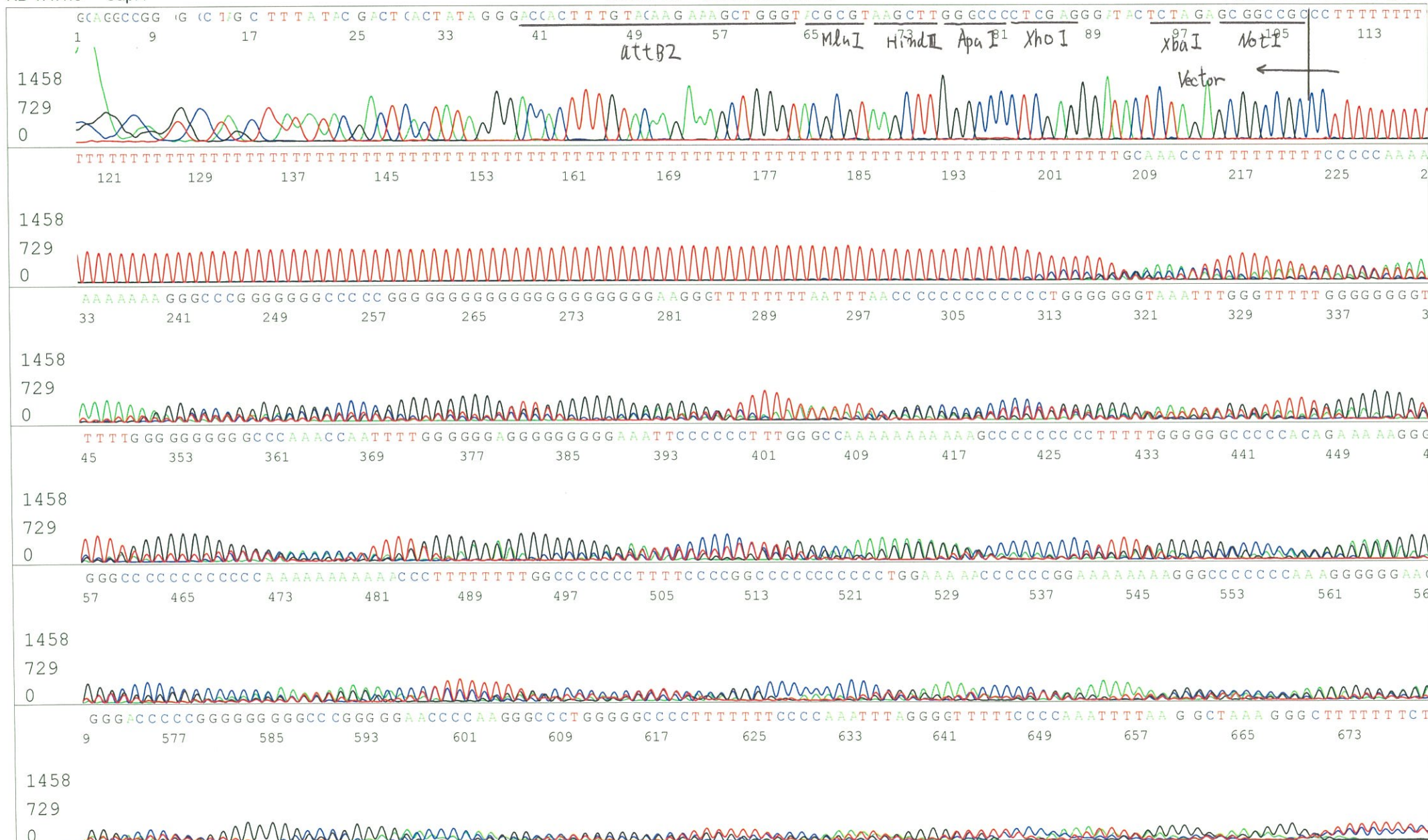
S/N G:75 A:63 T:63 C:119
KB.bcp
KB 1.4.1.8 Cap:3



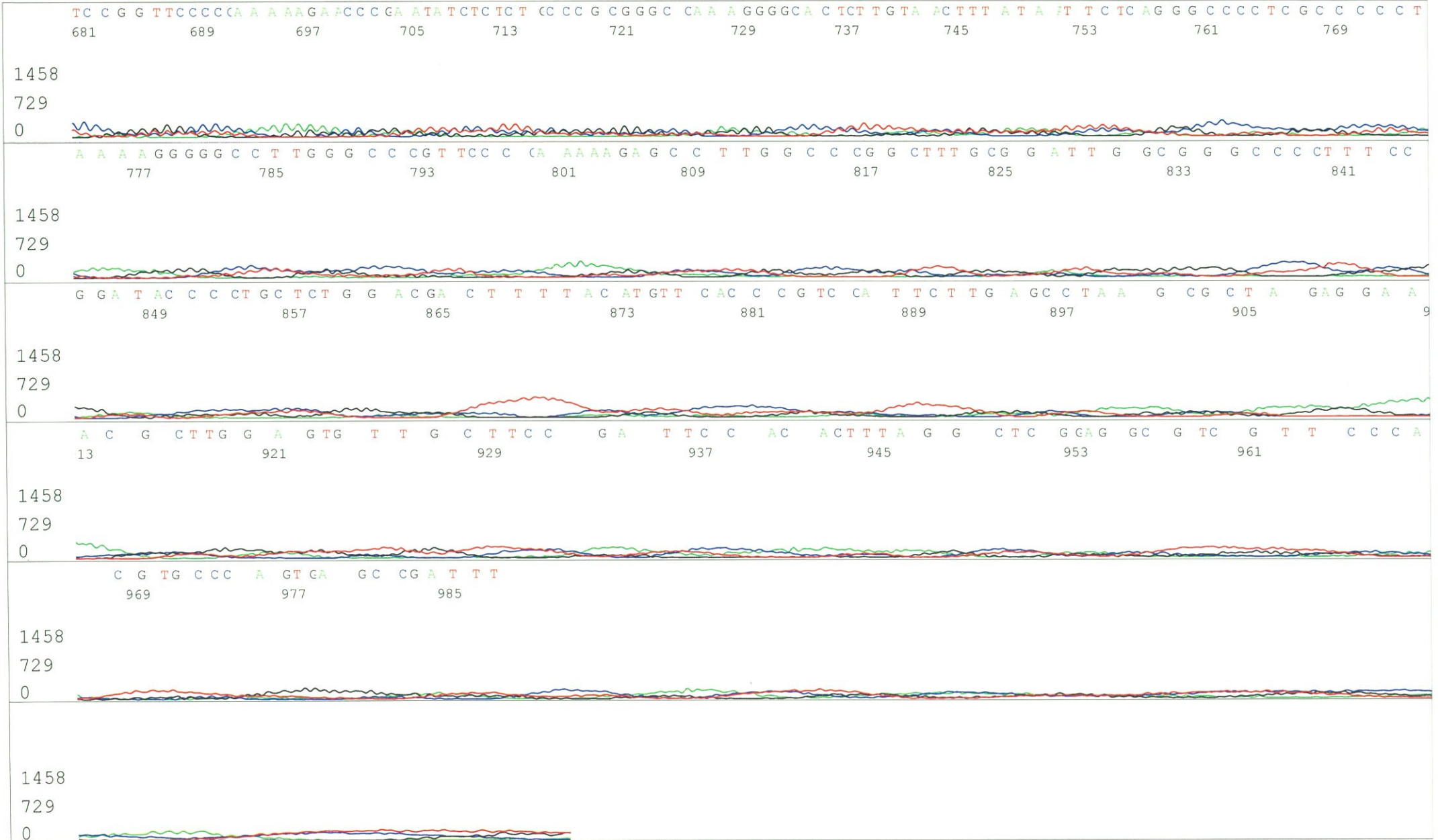
S/N G:37 A:31 T:50 C:48
KB.bcp
KB 1.4.1.8 Cap:4

Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

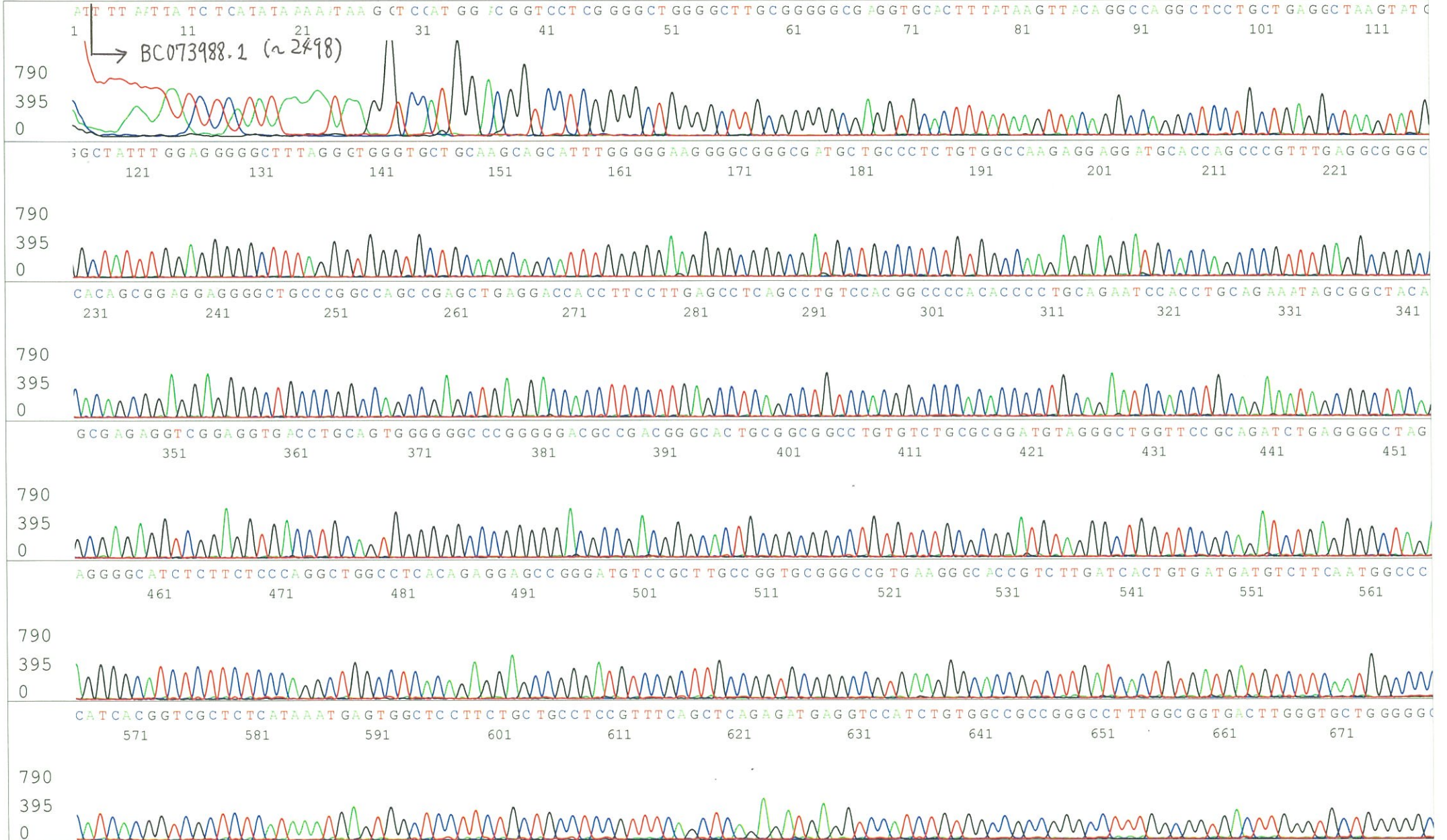


S/N G:37 A:31 T:50 C:48
KB.bcp
KB 1.4.1.8 Cap:4



S/N G:56 A:44 T:54 C:74
KB.bcp
KB 1.4.1.8 Cap:6

Primer C : Poly(A) region primer # 10
5' TTTTTTTTTTTTTTTTTTTTTTTT \overrightarrow{CTT} 3'



S/N G:56 A:44 T:54 C:74
KB.bcp
KB 1.4.1.8 Cap:6

