

RIKEN Clone ID : IRAK115E04

Vector : pCMV-SPORT6

Gene	CSF3R	
Accession No.	BC053585.1	3029 bp
		1..3029
	CDS	2511 bp
		178..2688

● Plasmid DNA purification

Date : 140619

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

Date : 140620

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140620

DNA concentration (O.D.): 265 ng/ul

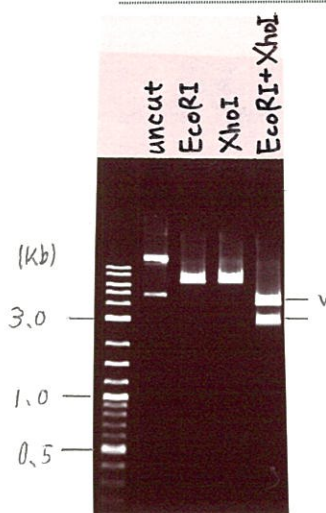
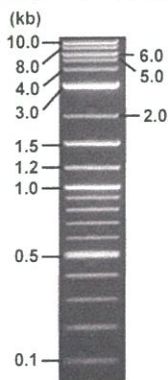
< Size of fragment expected from IRAK115E04 >

DNA	0.2	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H		1 ul
dH ₂ O	7.8	ul
Total		10 ul

EcoRI	7411 bp
XhoI	7411 bp
EcoRI + XhoI	4339bp (Vector) 3072 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 140625

● Confirmation of the insertion sequence

Date : 140624

DNA (<u>265</u> ng/ul)	<u>84.0</u>	ul
10x TE	<u>89.0</u>	ul
dH ₂ O	<u>717.4</u>	ul
Total	<u>890.4</u>	ul

Primer A	Reverse2
Primer B	M13
Primer C	-
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 :

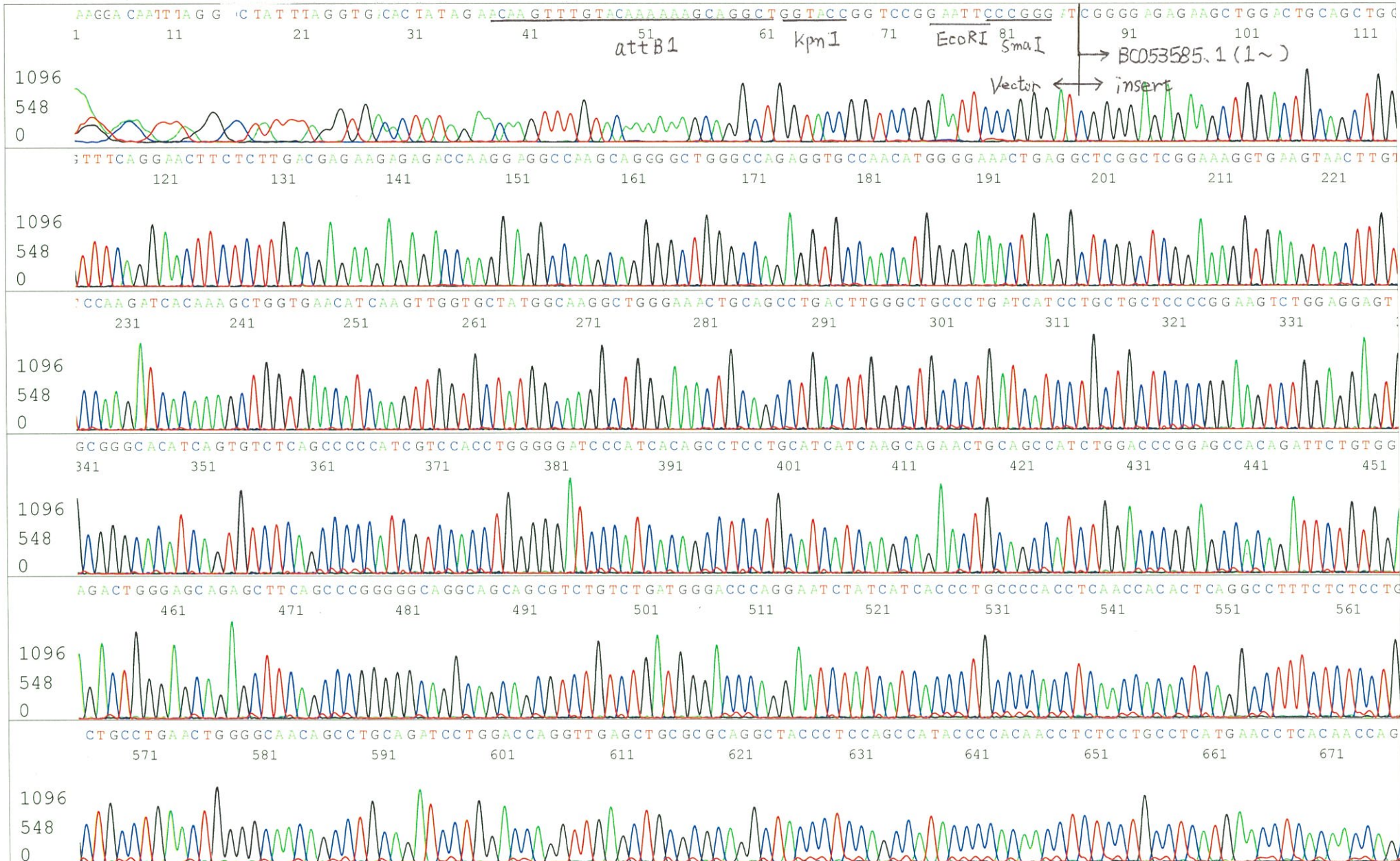
<http://dna.brc.riken.jp/index.html>



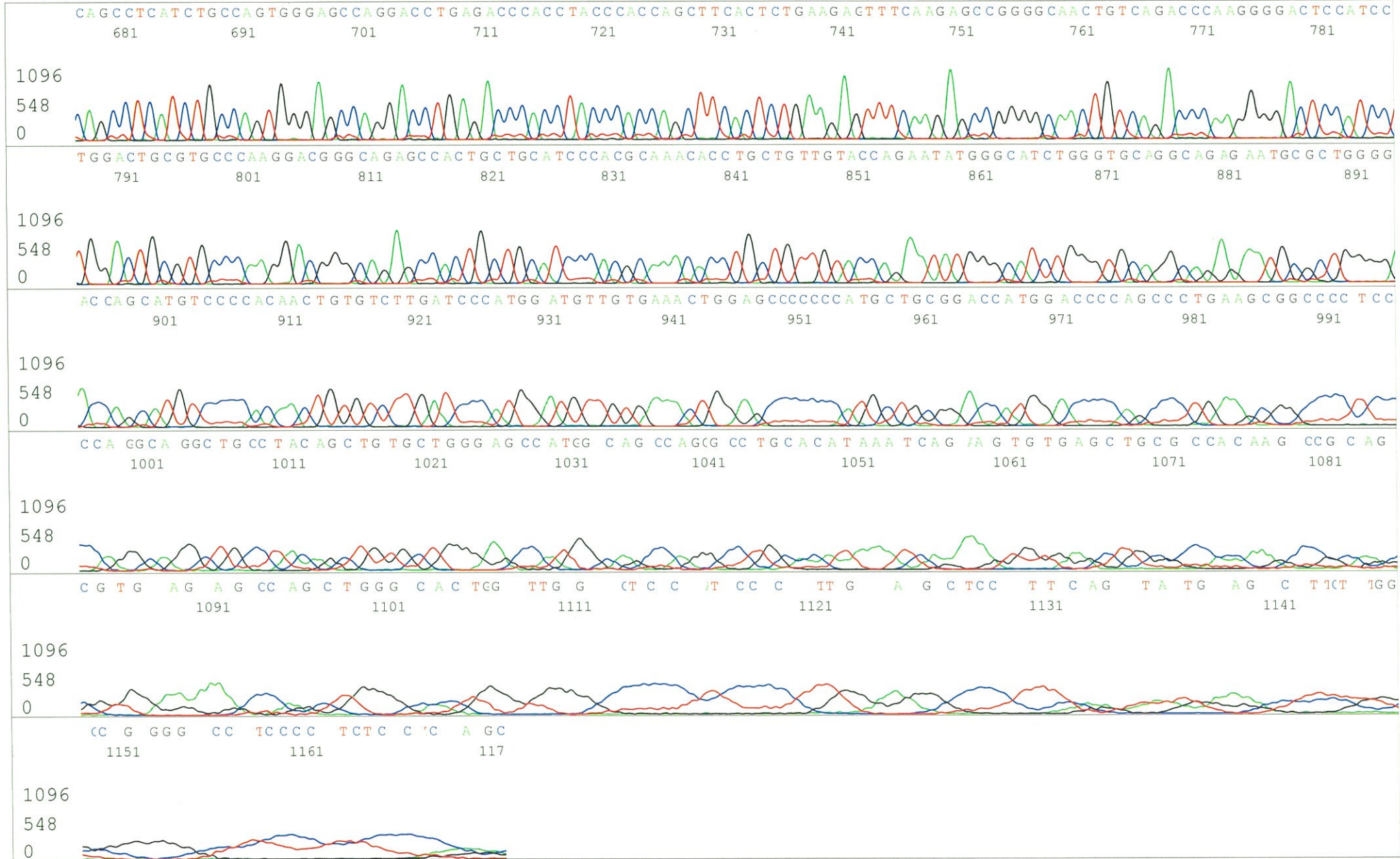
S/N G:67 A:52 T:64 C:101
KB.bcp
KB 1.4.1.8 Cap:2

Primer A : Reverse2

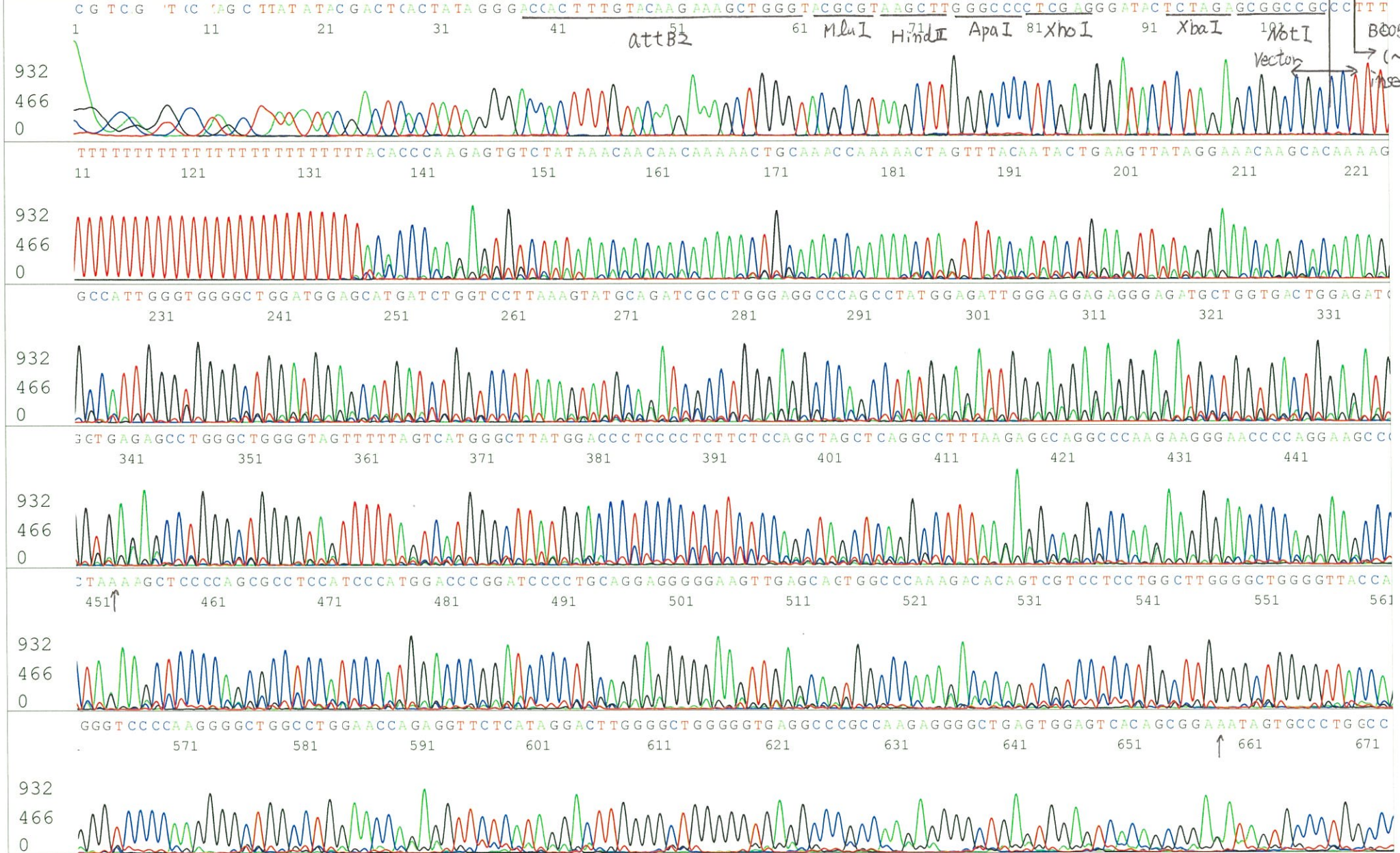
5' GCGGATAACAATTTTCACACAGG 3'



S/N G:67 A:52 T:64 C:101
KB.bcp
KB 1.4.1.8 Cap:2



S/N G:149 A:138 T:102 C:1 Primer B : M13
KB.bcp
KB 1.4.1.8 Cap:5 5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:149 A:138 T:102 C:145
KB.bcp
KB 1.4.1.8 Cap:5

