

RIKEN Clone ID : IRAK042N10

Lot#: 7893_A412

Vector : pCMV-SPORT6

Gene	CYP1A1	
Accession No.	BC023019.1	2586 bp
	<i>CDS</i>	1539 bp
		82..1620

● Plasmid DNA purification

Date : 140903

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

Date : 140904

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 140904

DNA concentration (O.D.): 98 ng/ul

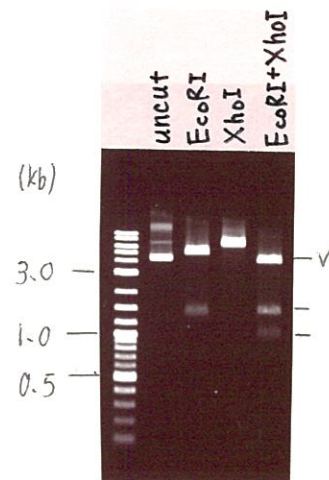
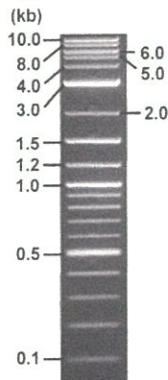
< Size of fragment expected from IRAK042N10 >

DNA	0.5	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.5	ul
Total	10	ul

EcoRI	5430, 1538 bp
XhoI	6968 bp
EcoRI + XhoI	4339bp (Vector) 1538, 1091 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 140910

DNA (<u>98</u> ng/ul)	<u>82.0</u>	ul
10x TE	<u>32.1</u>	ul
dH ₂ O	<u>207.3</u>	ul
Total	<u>321.4</u>	ul

● Confirmation of the insertion sequence

Date : 140910

Primer A	Reverse2
Primer B	M13
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

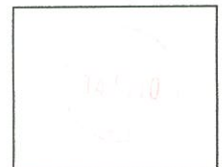
● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

~~Conc. : 25 ng/ul, Volume : 40 ul~~

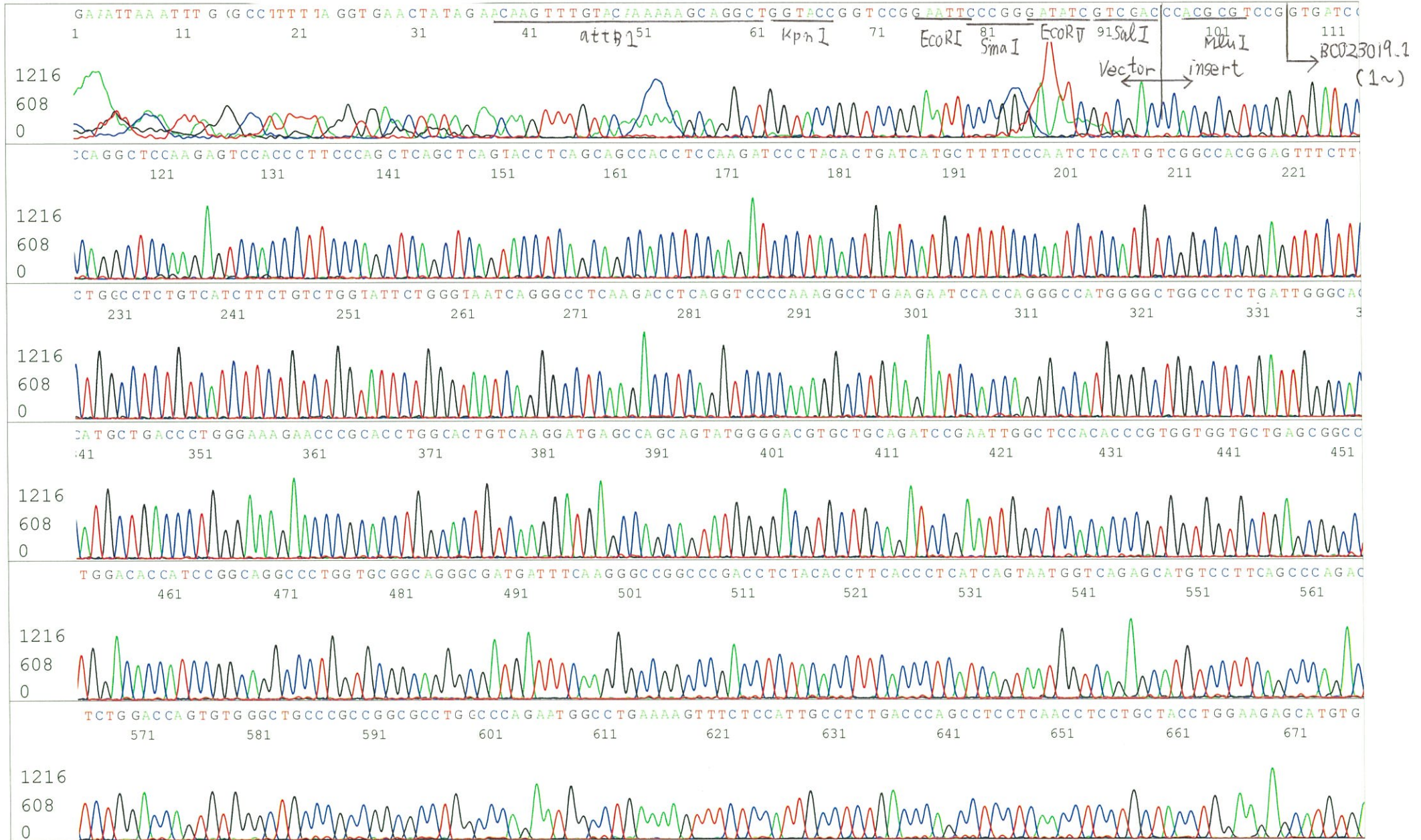
APPROVED BY :

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

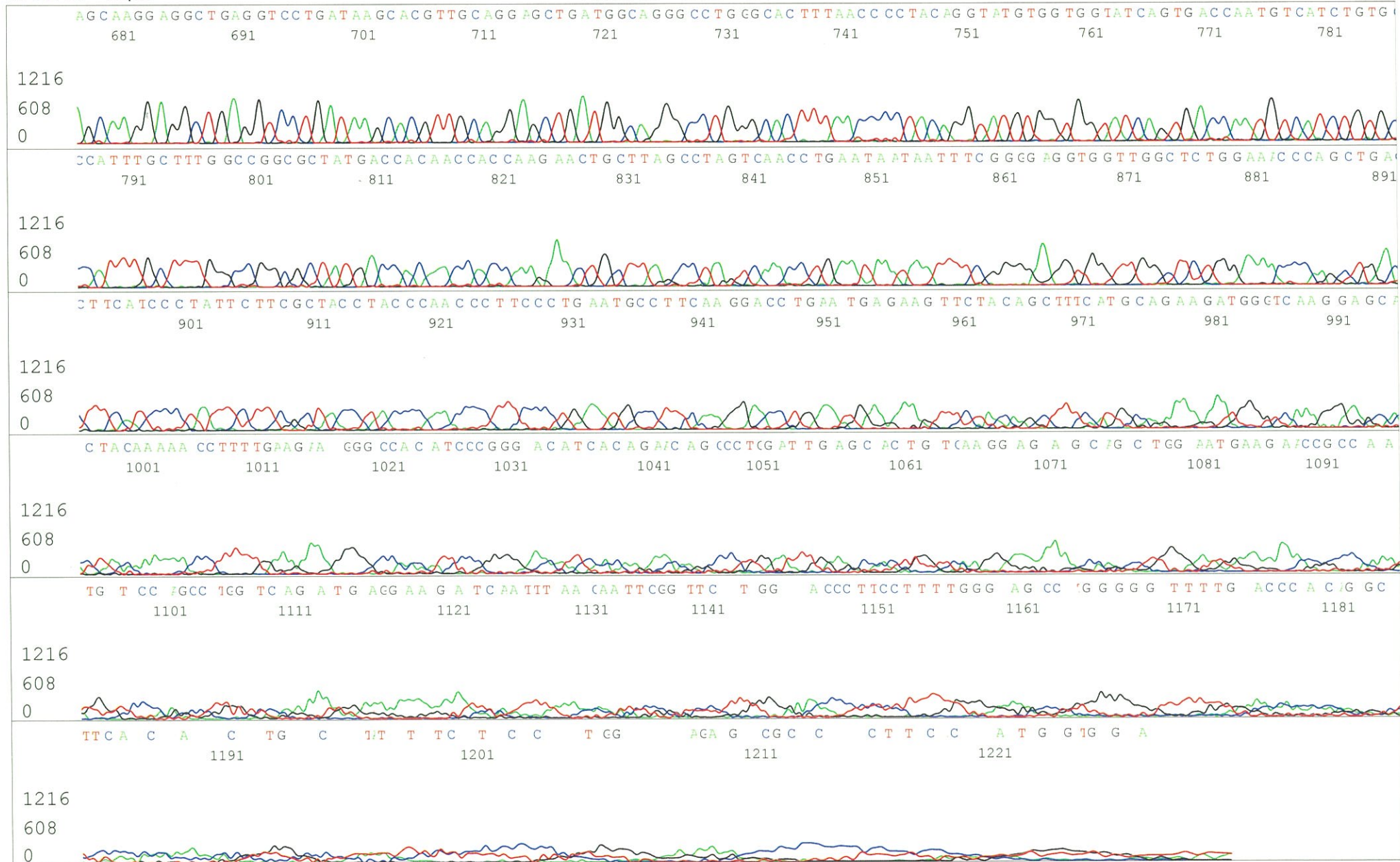


S/N G:20 A:19 T:15 C:24
KB.bcp
KB 1.4.1.8 Cap:2

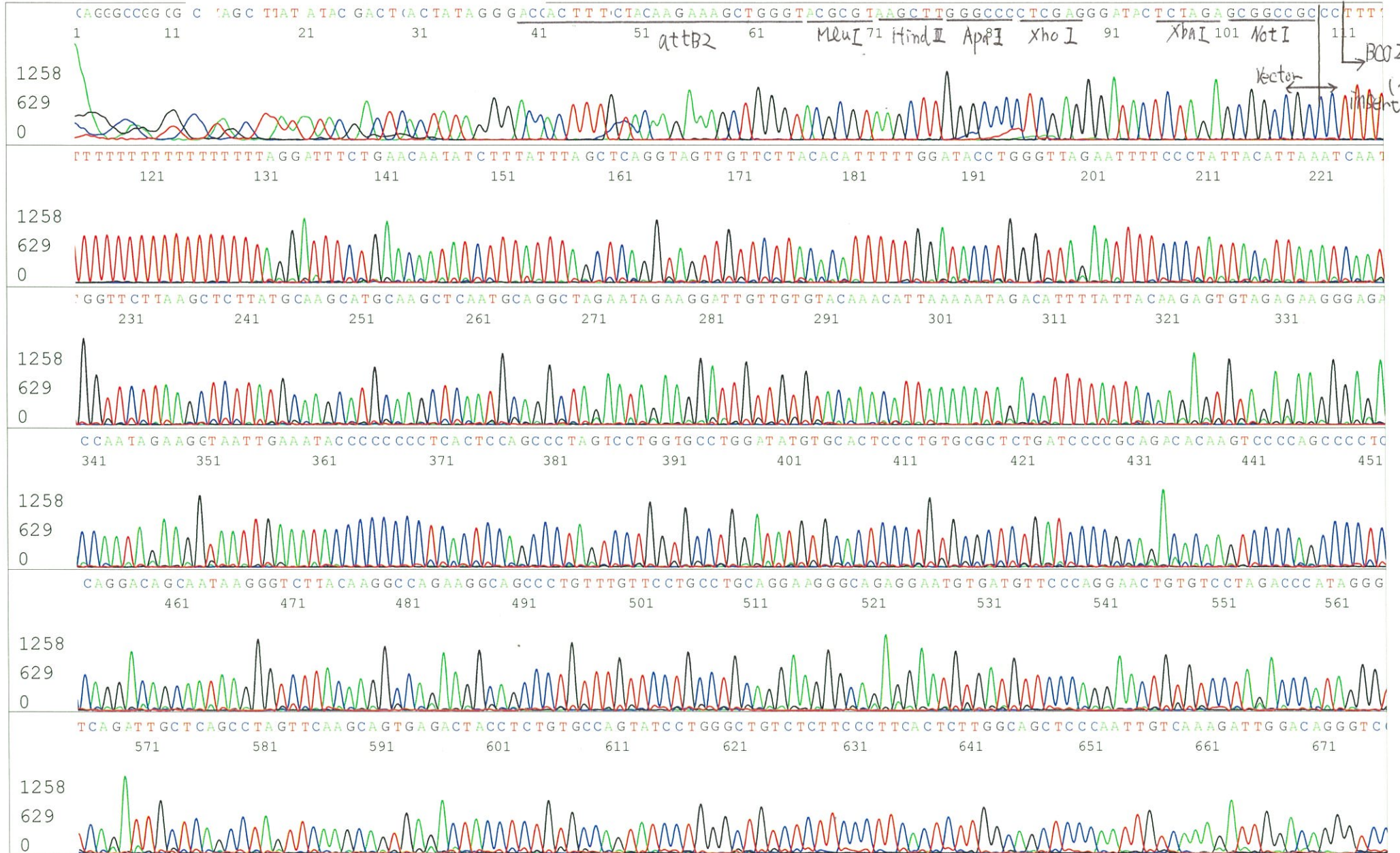
Primer A : Reverse2
5' GCGGATAACAATTTTCACACAGG 3'



S/N G:20 A:19 T:15 C:24
KB.bcp
KB 1.4.1.8 Cap:2



S/N G:67 A:72 T:53 C:64
KB.bcp
KB 1.4.1.8 Cap:5
Primer B : M13
5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:67 A:72 T:53 C:64
KB.bcp
KB 1.4.1.8 Cap:5

