

**RIKEN Clone ID : IRAK013K23**

Vector : pCMV-SPORT6

Gene	PTPN11		
Accession No.	BC008692.1	1892 bp	1..1892
	<i>CDS</i>	1383 bp	204..1586

● Plasmid DNA purification

Date : 130416

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

Date : 130417

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

● Digestion by restriction enzyme/Concentration calibration

Date : 130417

DNA concentration (O.D.): 32 ng/ul

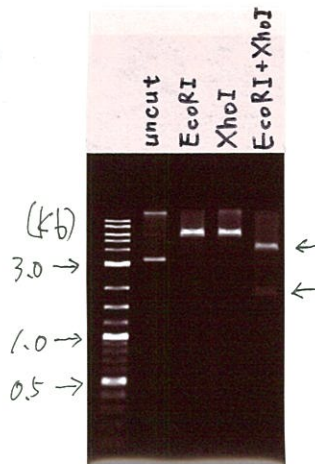
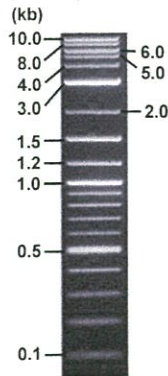
<Expected size of fragment from BC008692.1 >

DNA	1	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	7	ul
Total	10	ul

EcoRI	6274 bp
XhoI	6274 bp
EcoRI + XhoI	4339, 1935 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 130419

Primer A	Reverse2
Primer B	M13
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>

● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/

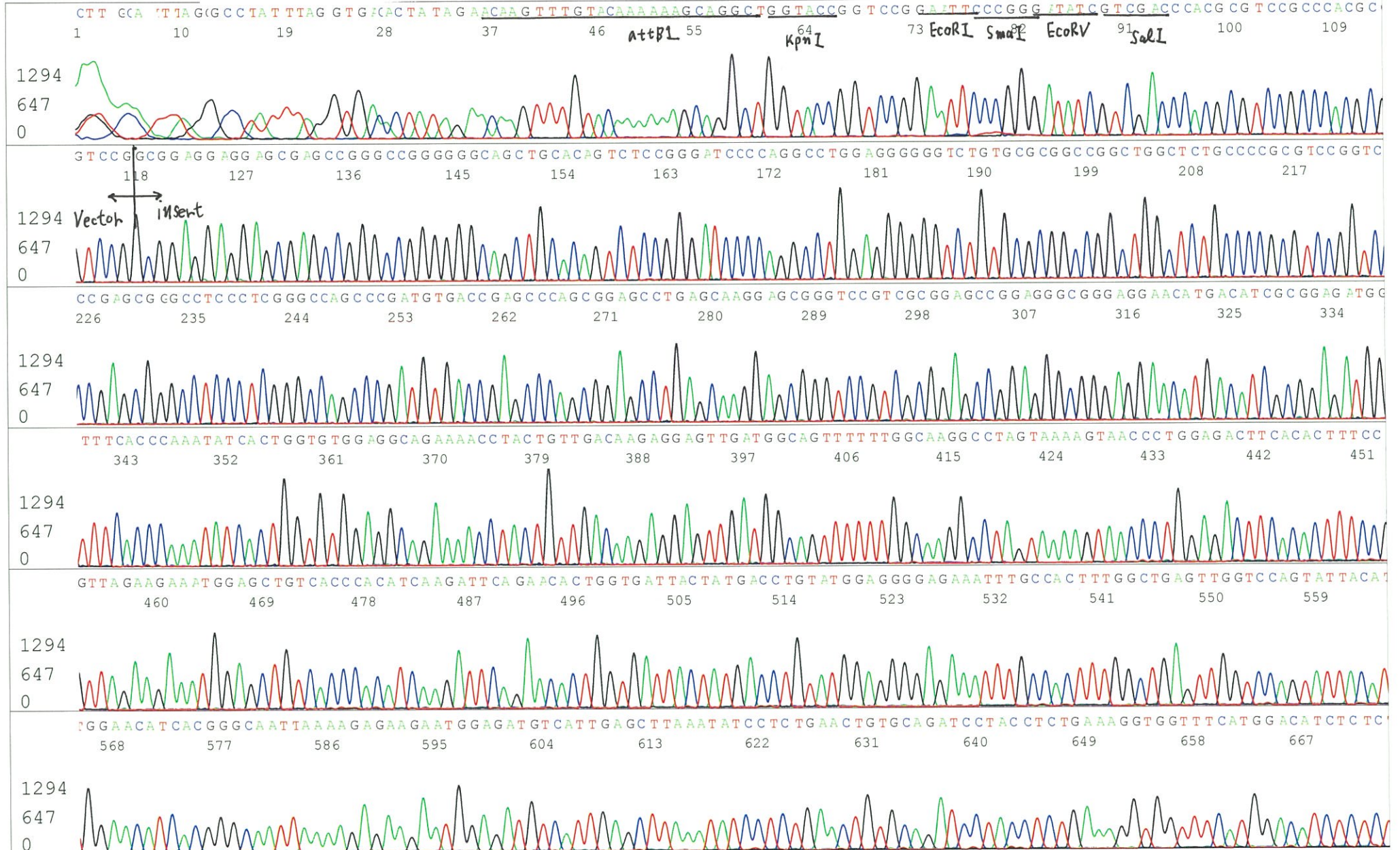
Date : 130422

DNA ( 32 ng/ul)	72	ul
10x TE	9.2	ul
dH <sub>2</sub> O	11.0	ul
Total	92.2	ul

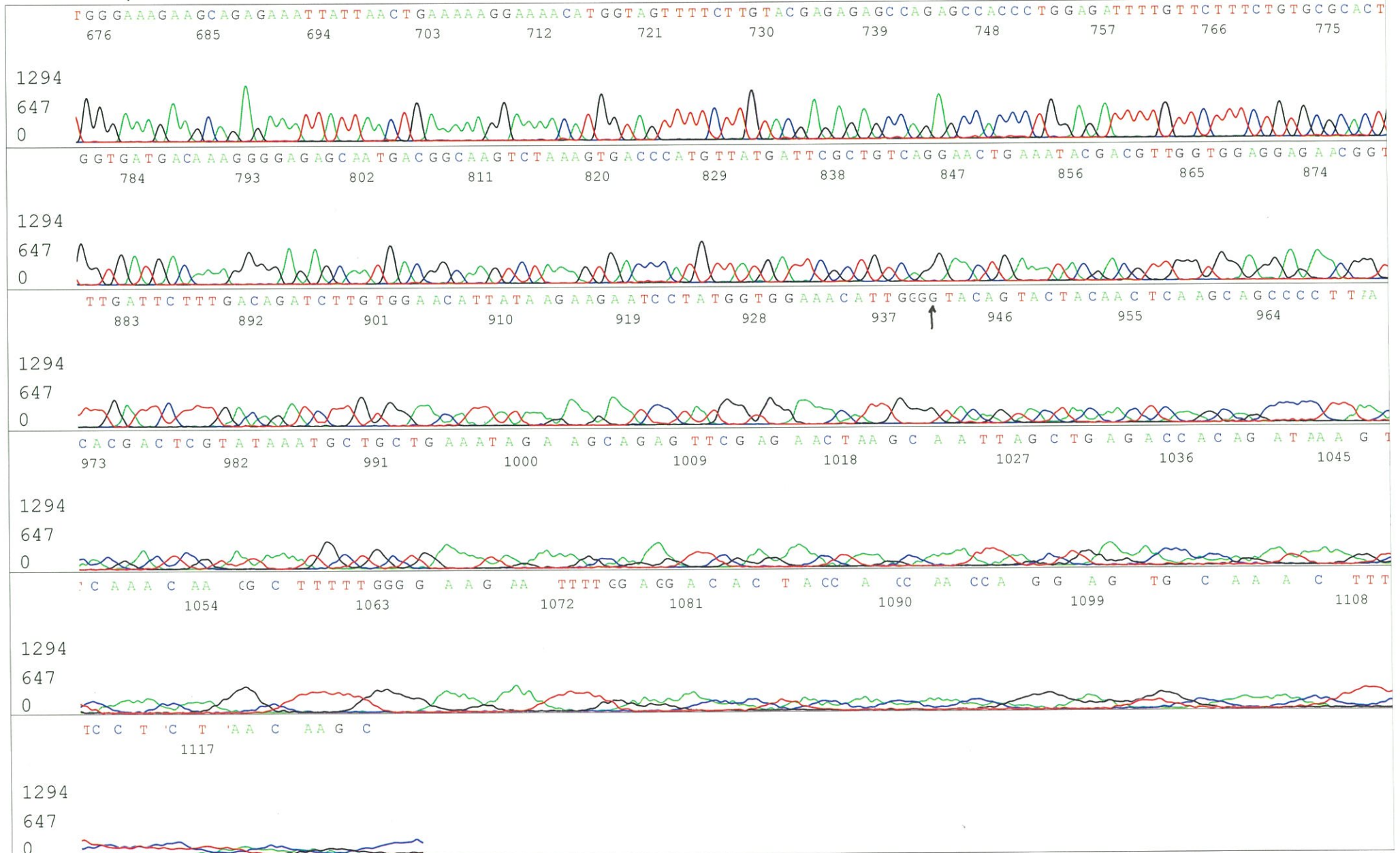


APPROVED BY :

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



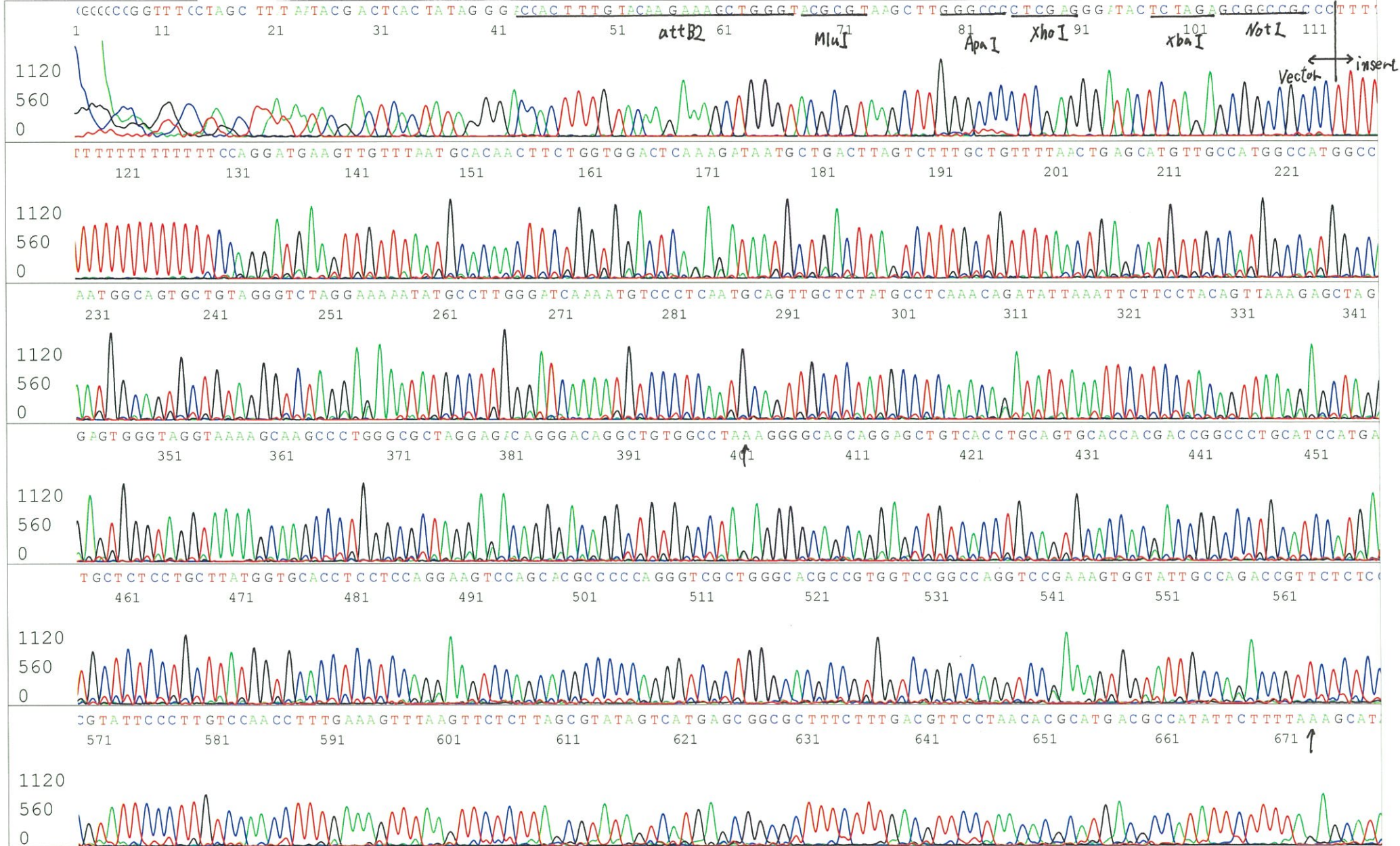
S/N G:92 A:57 T:48 C:52  
KB.bcp  
KB 1.4.1.8 Cap:7



S/N G:36 A:20 T:20 C:21  
KB.bcp  
KB 1.4.1.8 Cap:10

Primer B : M13

5' GTTTTCCTCCAGTCACGACGTTGTA 3'



S/N G:36 A:20 T:20 C:21  
KB.bcp  
KB 1.4.1.8 Cap:10

