

RIKEN Clone ID : IRAK003D13

Lot#: 7893_A518

Vector : pCMV-SPORT6

Gene	CAPZA1	
Accession No.	BC000144.1	2383 bp
	<i>CDS</i>	861 bp

● Plasmid DNA purification

Date : 150909

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

Date : 150910

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 150910

DNA concentration (O.D.): 173 ng/ul

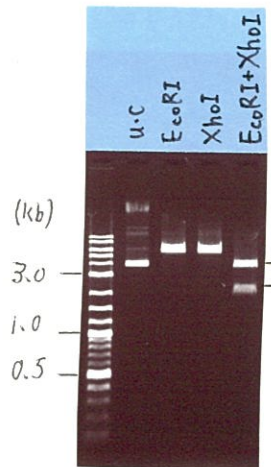
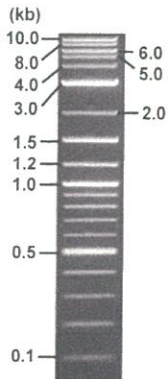
< Size of fragment expected from this clone >

DNA	0.25	ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.75	ul
Total	10	ul

EcoRI	6.7	kb
XhoI	6.7	kb
EcoRI + XhoI	4.3kb (Vector)	2.4 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 150915

DNA (<u>173</u> ng/ul)	<u>83.0</u>	ul
10x TE	<u>57.4</u>	ul
dH ₂ O	<u>434.0</u>	ul
Total	<u>574.4</u>	ul

● Confirmation of the insertion sequence

Date : 150915

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 :

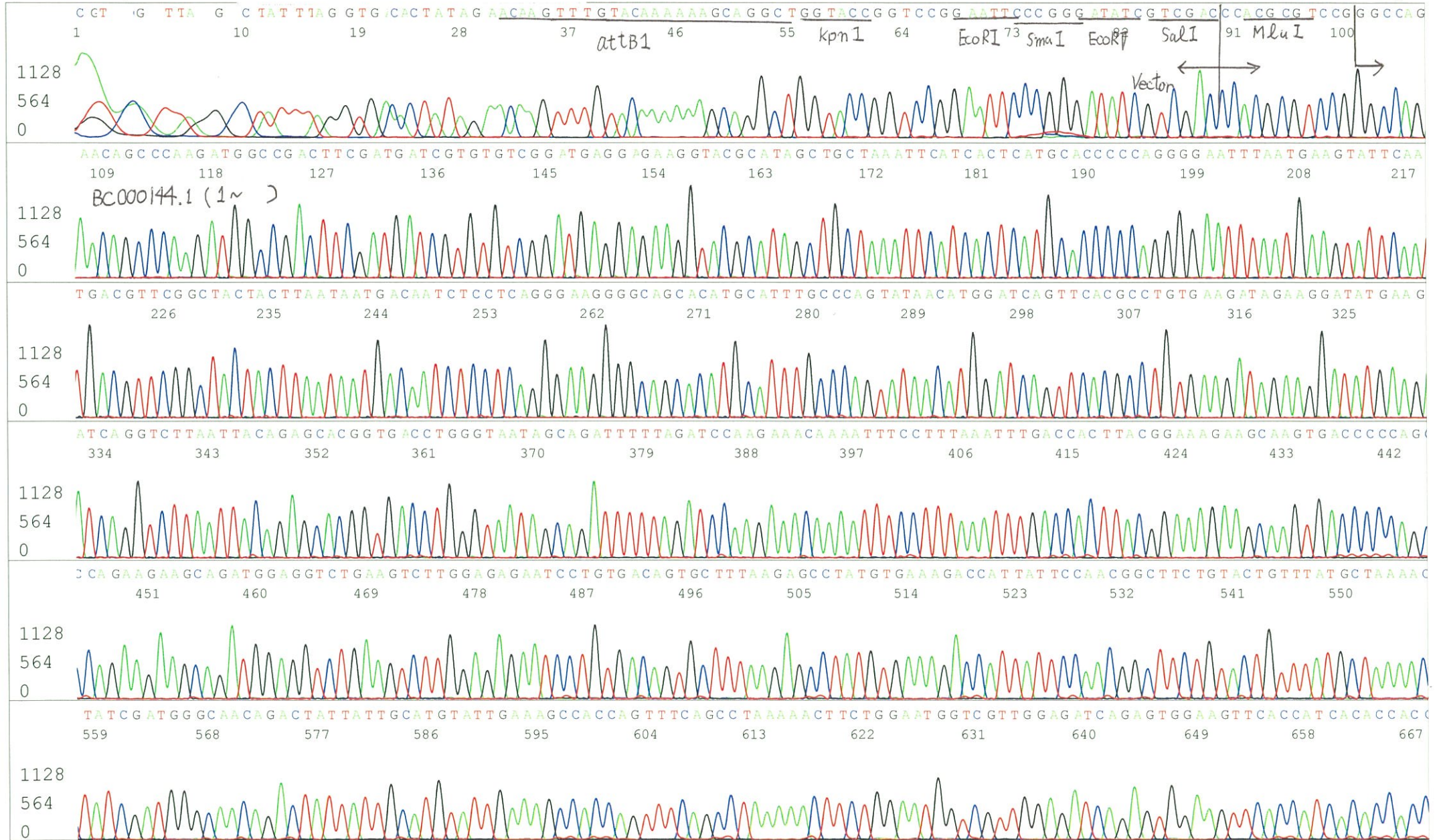
<http://dna.brc.riken.jp/index.html>



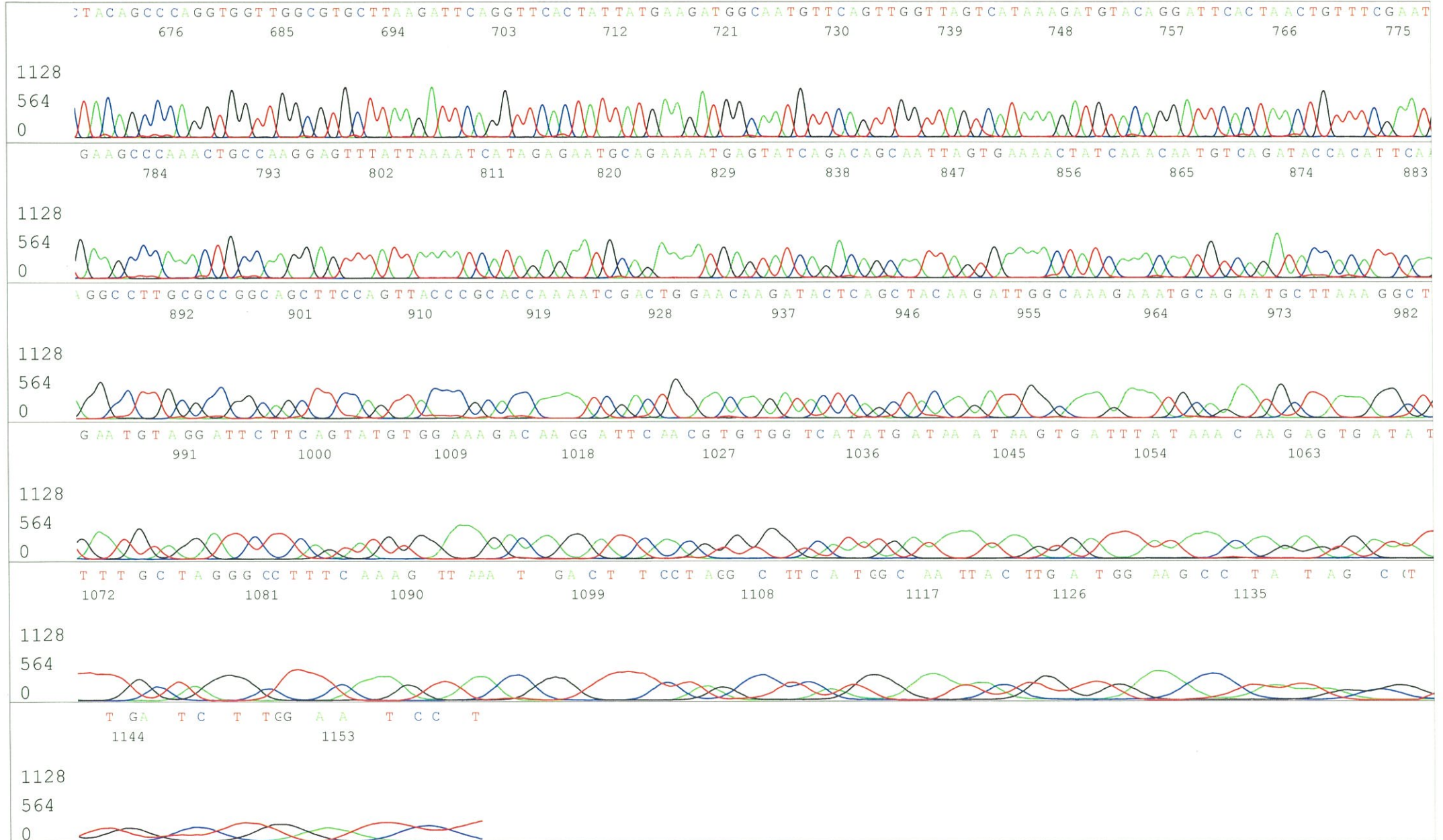
S/N G:1269 A:1140 T:578 C:573
KB.bcp
KB 1.4.1.8 Cap:20

Primer A : Reverse2

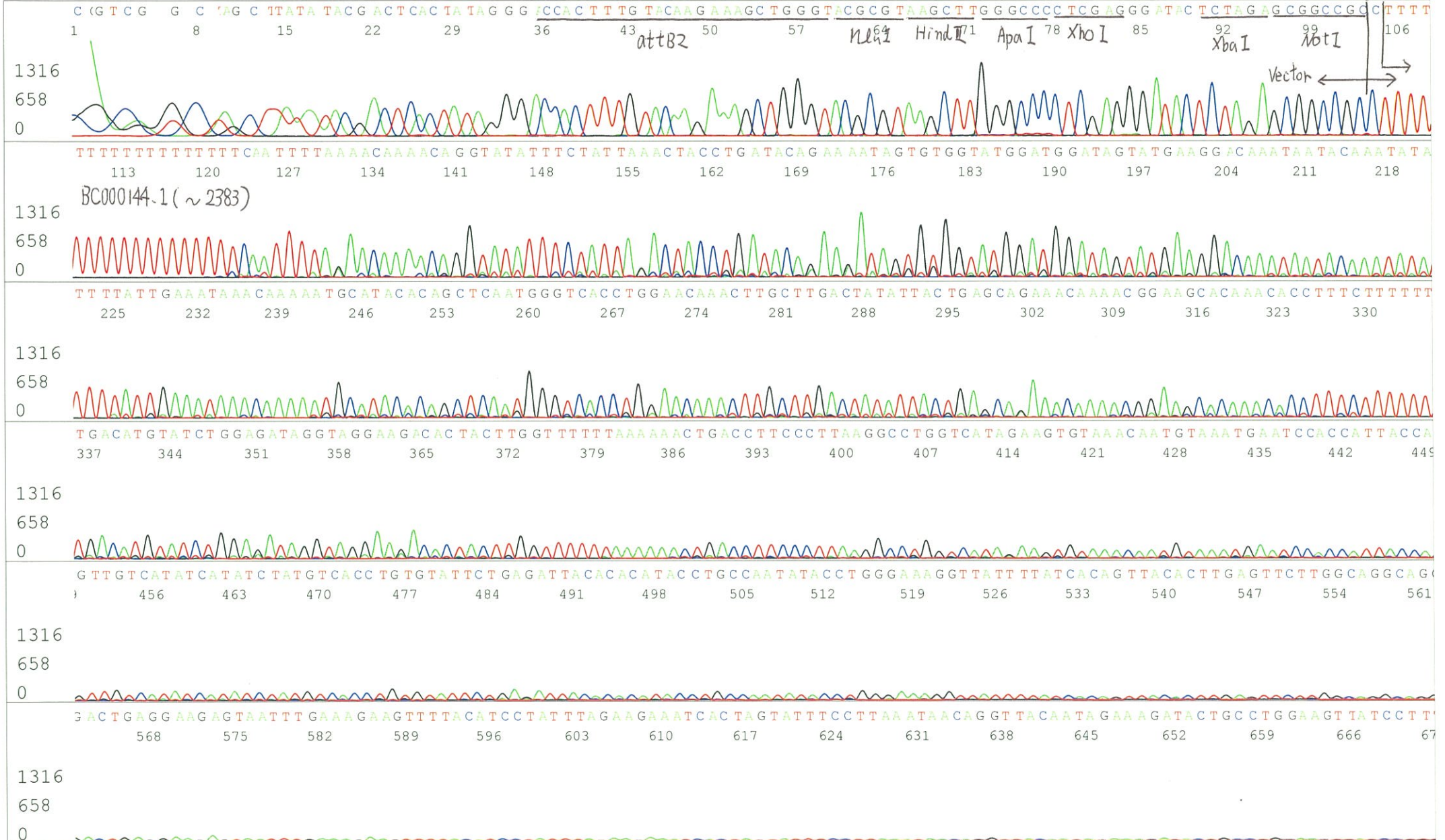
5' GCGGATAACAATTTTCACACAGG 3'



S/N G:1269 A:1140 T:578 C:573
KB.bcp
KB 1.4.1.8 Cap:20



S/N G:280 A:201 T:222 C:14 Primer B : M13
 KB.bcp
 KB 1.4.1.8 Cap:7 5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:280 A:201 T:222 C:141
KB.bcp
KB 1.4.1.8 Cap:7

