

RIKEN Clone ID : IRAK174L03

Lot#: 7893_A4Kb

Vector : pCMV-SPORT6

Gene	GNAZ	
Accession No.	BC078163.1	3063 bp
	<i>CDS</i>	1068 bp
		1..3063
		376..1443

● Plasmid DNA purification

Date : 141111

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

Date : 141112

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 141112

DNA concentration (O.D.): 228 ng/ul

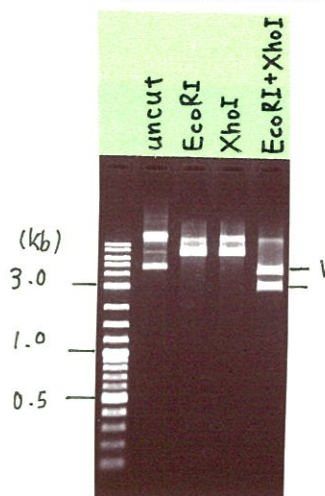
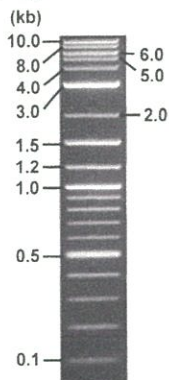
< Size of fragment expected from IRAK174L03 >

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	7445 bp
XhoI	7445 bp
EcoRI + XhoI	4339bp (Vector) 3106 bp

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : _____

DNA (228 ng/ul)	86.0 ul
10x TE	78.4 ul
dH ₂ O	619.9 ul
Total	784.3 ul

● Confirmation of the insertion sequence

Date : 141114

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:15 A:12 T:10 C:15

Primer A : Reverse2

IRAK174L03_A4Kb_Reverse2

Nov 14,2014 01:44PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Nov 14,2014 02:10PM, JST

KB 1.4.1.8 Cap:7

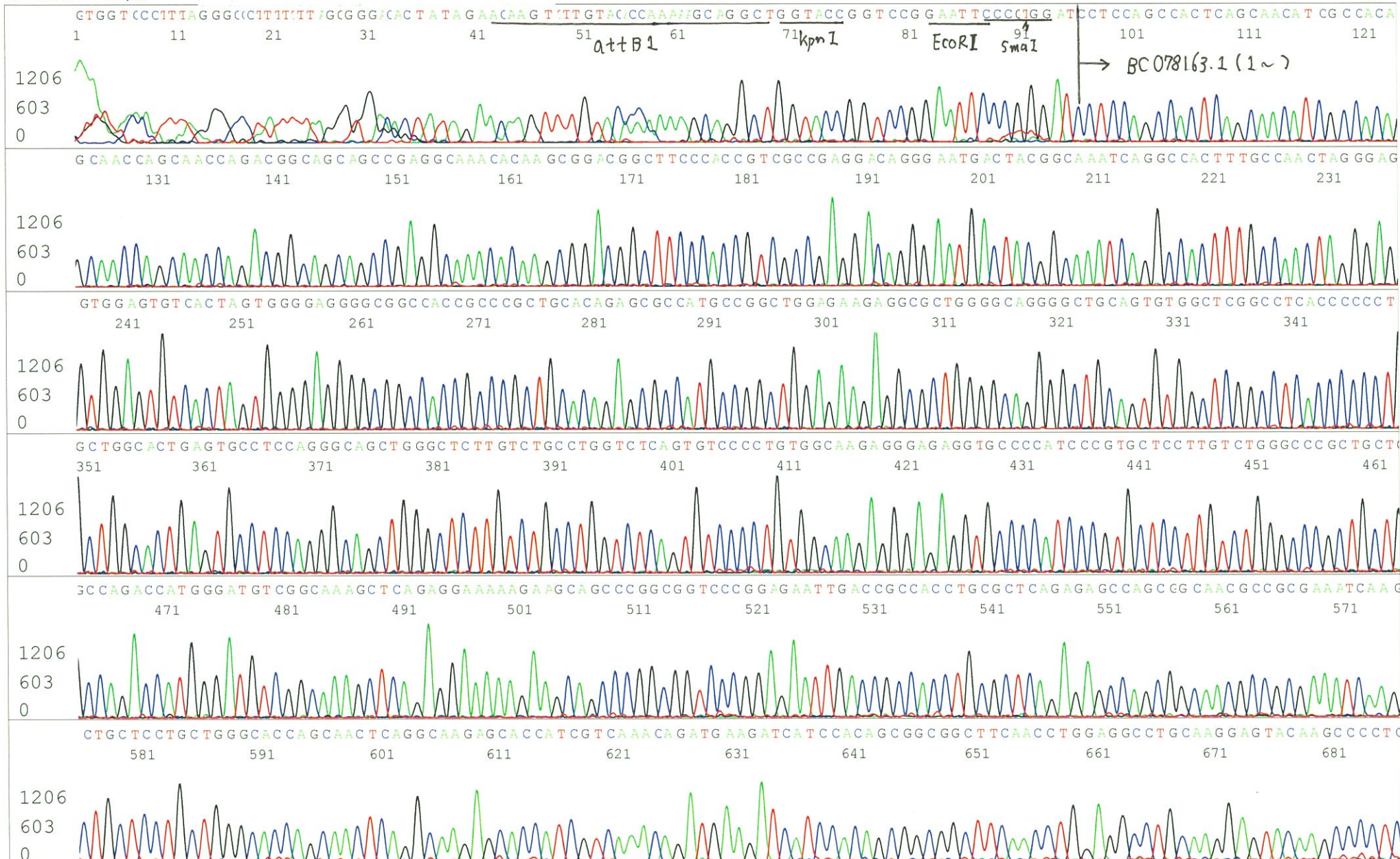
5' GCGGATAACAATTTTCACACAGG 3'

Pts 1355 to 13248 Pk1 Loc:1332

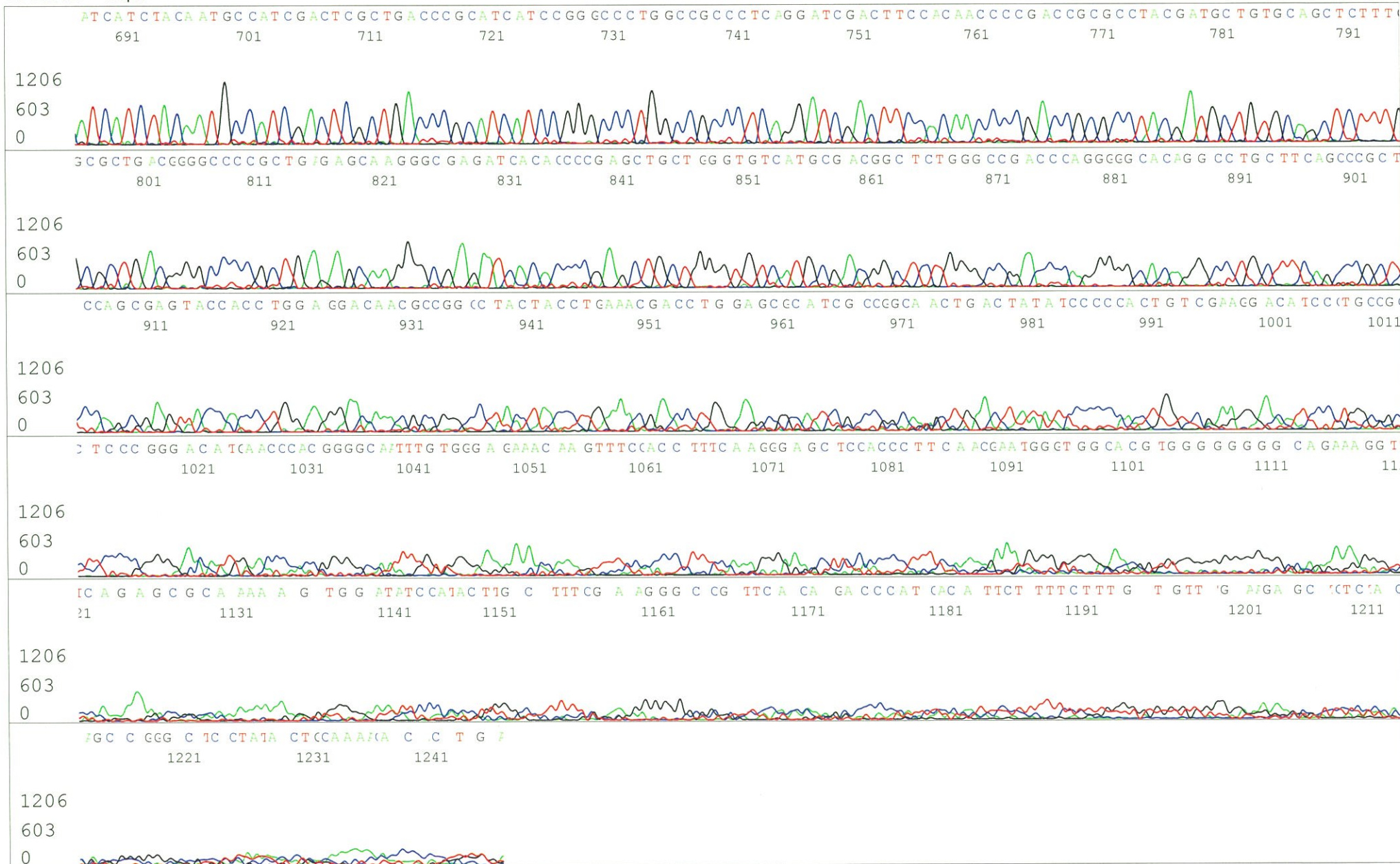
Spacing:11.7 Pts/Panel1350

Version 5.4 HiSQV Bases: 1025

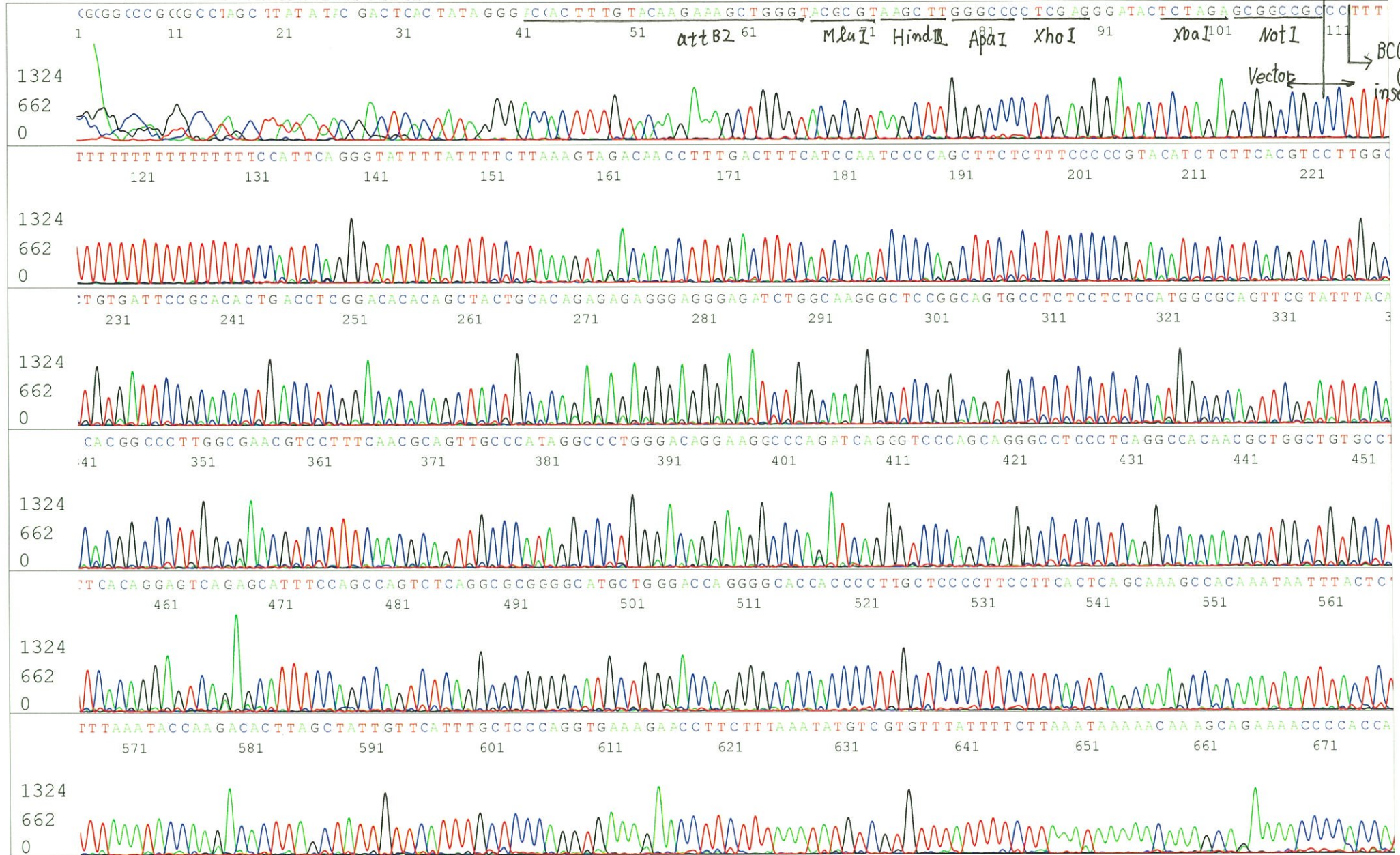
Plate Name: 20141114_mix



S/N G:15 A:12 T:10 C:15
KB.bcp
KB 1.4.1.8 Cap:7



S/N G:14 A:13 T:12 C:15 Primer B : M13
KB.bcp
KB 1.4.1.8 Cap:10 5' GTTTTCCCAGTCACGACGTTGTA 3'



S/N G:14 A:13 T:12 C:15
KB.bcp
KB 1.4.1.8 Cap:10

