

RIKEN Clone ID : IRAK079L07

Lot#: 7893_A3I3

Vector : pCMV-SPORT6

Gene	YAP1	
Accession No.	BC038235.1	2362 bp
	<i>CDS</i>	1515 bp
		1..2362
		294..1808

● Plasmid DNA purification

Date : 130903

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

Date : 130905

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 130905

DNA concentration (O.D.): 339 ng/ul

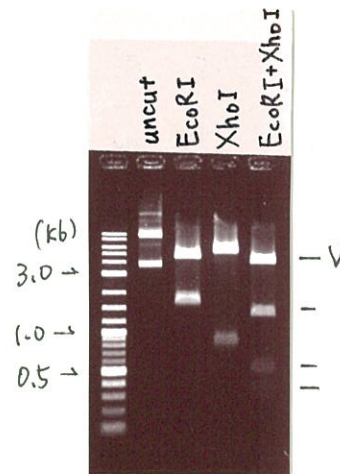
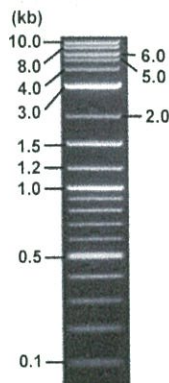
< Size of fragment expected from IRAK079L07 >

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	4897, 1847 bp
XhoI	5832, 912 bp
EcoRI + XhoI	4339bp (Vector) 1493, 558, 354 bp

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Confirmation of the insertion sequence

Date : 130906

Primer A	Reverse2
Primer B	M13
Primer C	Poly(A) region primer #0
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Adjustment of DNA concentration

Shipping amount : 40 ul

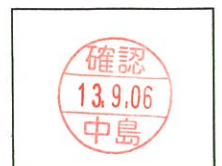
Concentration at the time of preparation of plasmid DNA : 25 ng/ul

Date : 130906

DNA (<u>339</u> ng/ul)	82.0	ul
10x TE	111.2	ul
dH ₂ O	918.7	ul
Total	1111.9	ul

APPROVED BY :

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



S/N G:51 A:33 T:19 C:29

Primer A : Reverse2

IRAK079L07_A3I3_Reverse2

Sep 06,2013 10:49AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Sep 06,2013 11:16AM, JST

KB 1.4.1.8 Cap:2

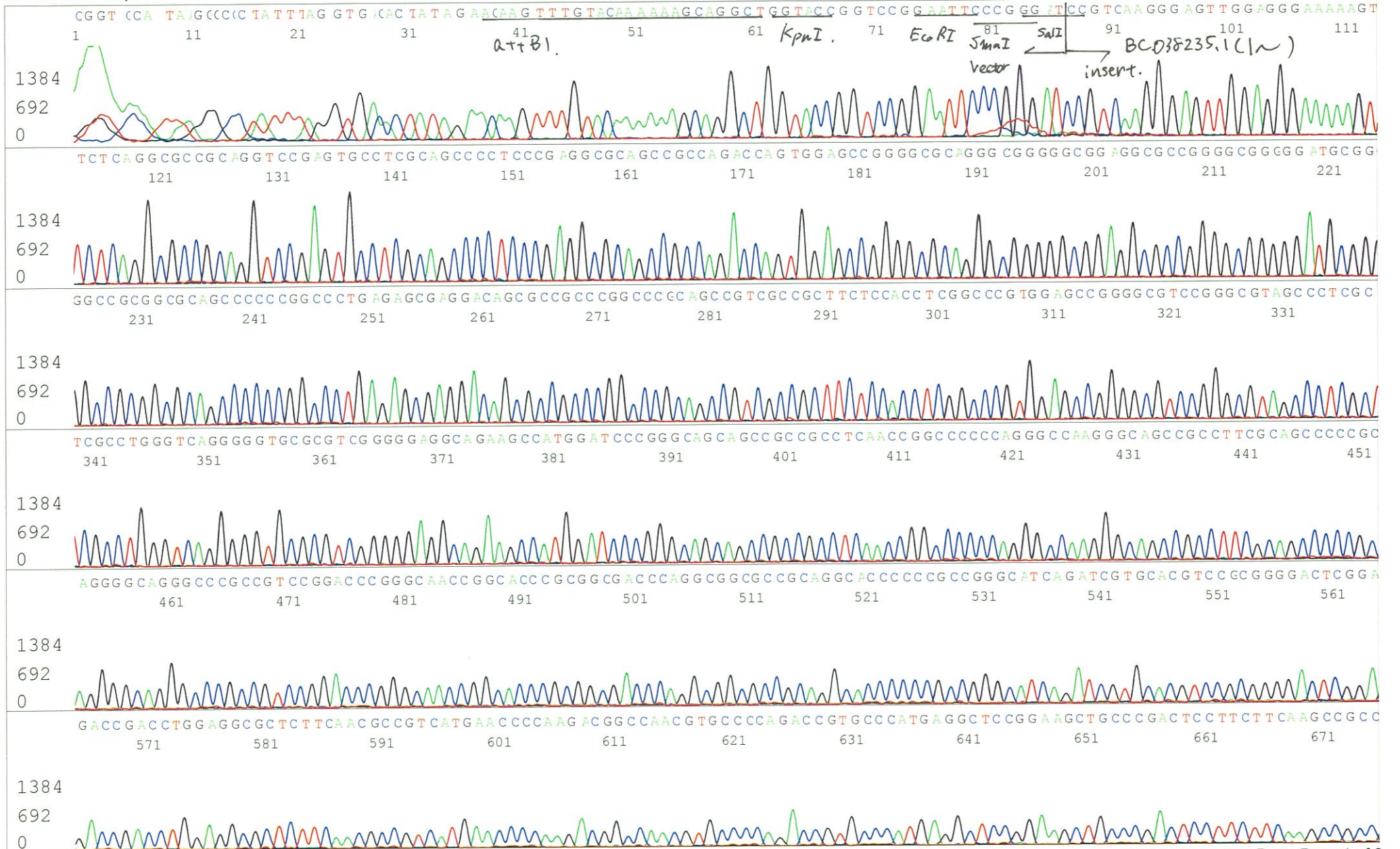
5' GCGGATAACAATTTTCACACAGG 3'

Pts 1446 to 13317 Pk1 Loc:1423

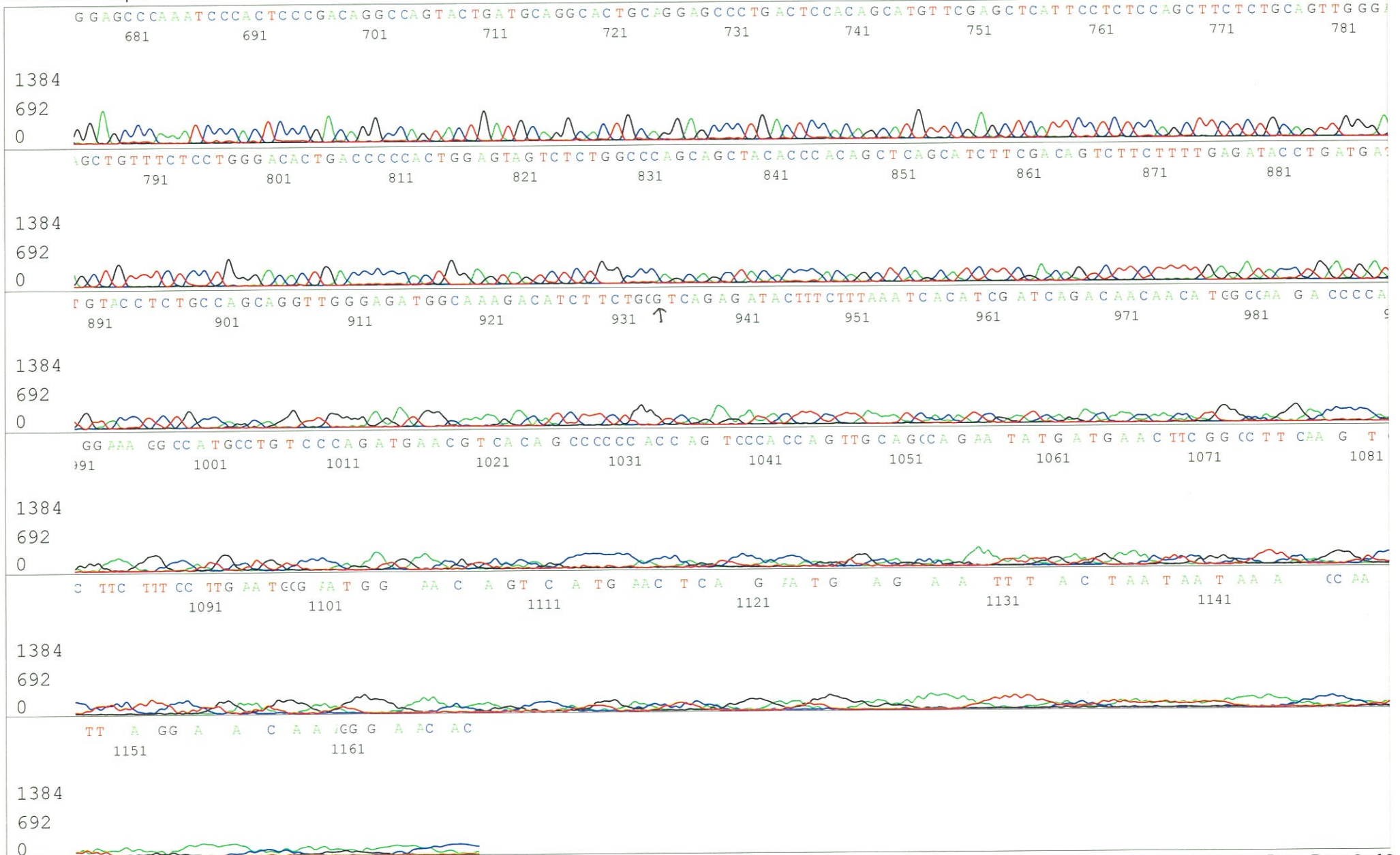
Spacing:11.78 Pts/Panel1350

Version 5.4 HiSQV Bases: 1024

Plate Name: 20130906_mix

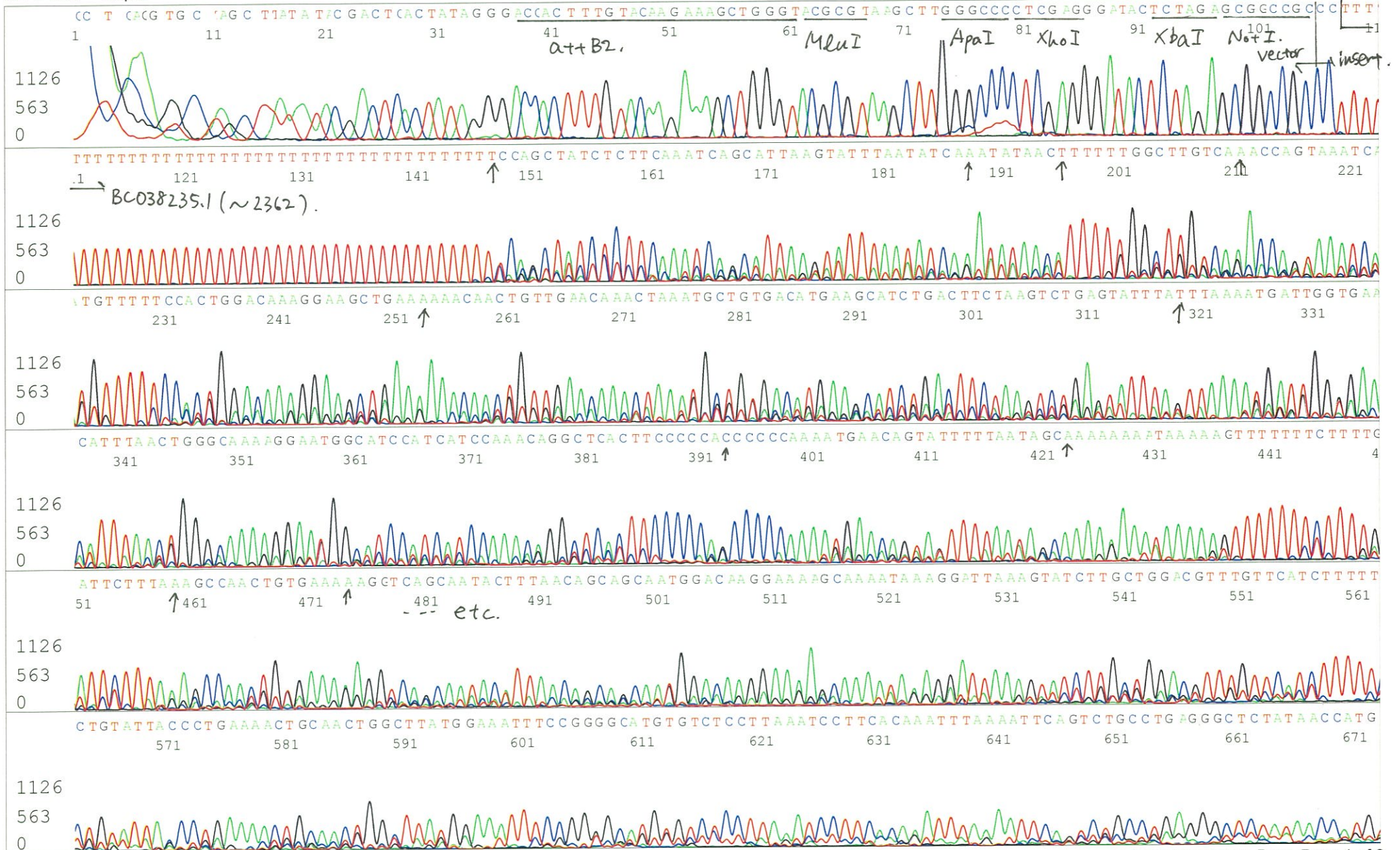


S/N G:51 A:33 T:19 C:29
KB.bcp
KB 1.4.1.8 Cap:2



S/N G:82 A:69 T:67 C:39 Primer B : M13
KB.bcp
KB 1.4.1.8 Cap:5

5' GTTTTCCAGTCACGACGTTGTA 3'



S/N G:82 A:69 T:67 C:39
KB.bcp
KB 1.4.1.8 Cap:5



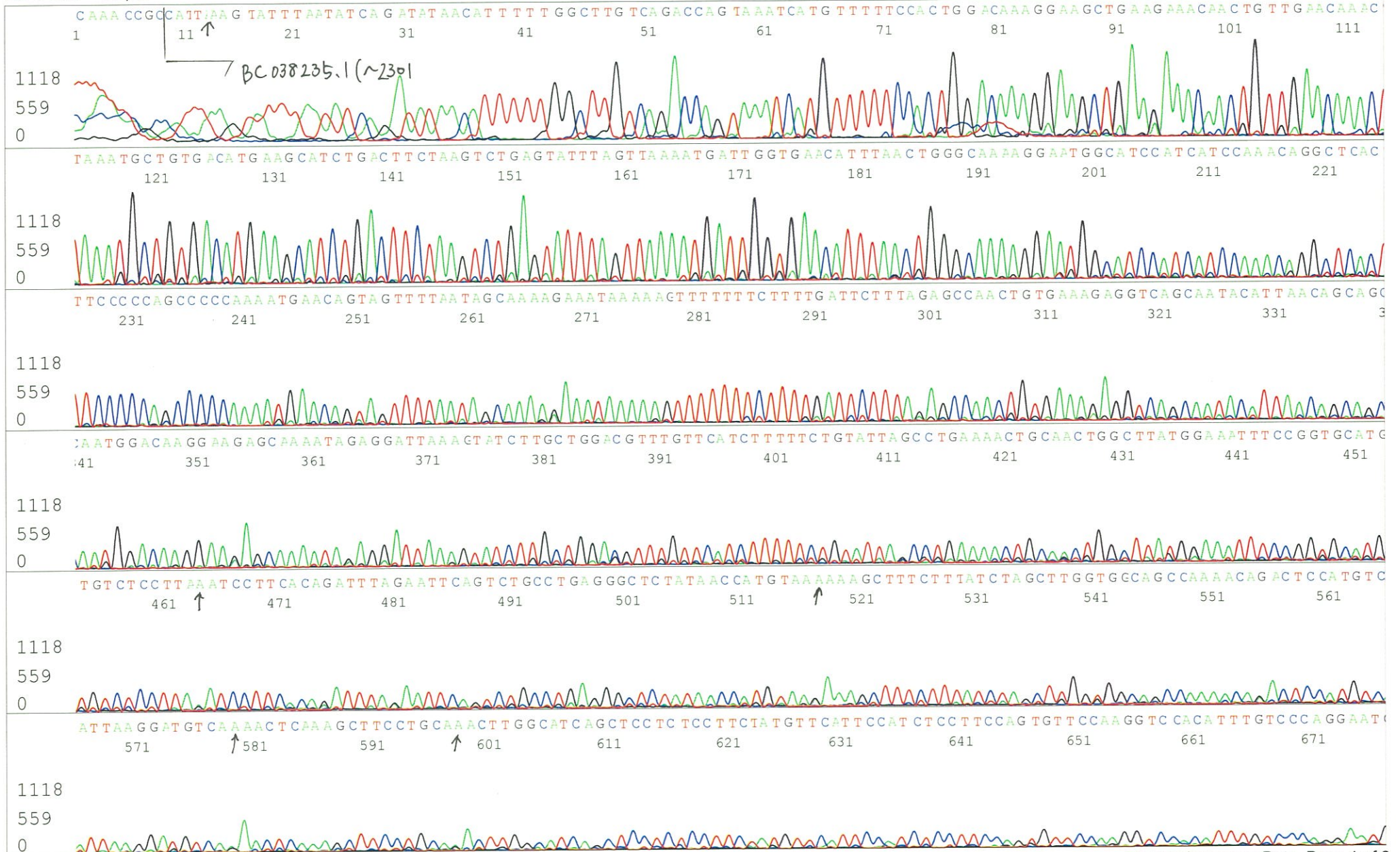
S/N G:31 A:29 T:28 C:18

Primer C : Poly(A) region primer # D

KB.bcp

5' TTTTTTTTTTTTTTTTTTTTTT NUN 3'

KB 1.4.1.8 Cap:8



S/N G:31 A:29 T:28 C:18
KB.bcp
KB 1.4.1.8 Cap:8

