

RIKEN Clone ID : IRAK084P16

Vector : pCMV-SPORT6

Gene	DIRC2	
Accession No.	BC039821.1	2128 bp
	CDS	1437 bp

● Plasmid DNA purification

Date : 150618

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

Date : 150619

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 150619

DNA concentration (O.D.): 241 ng/ul

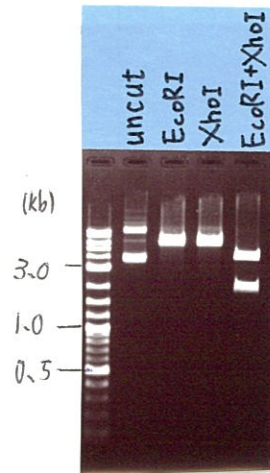
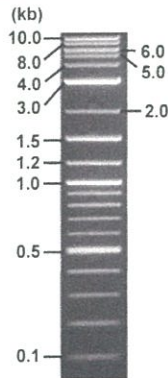
< Size of fragment expected from this clone >

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	6.5	kb
XhoI	6.5	kb
EcoRI + XhoI	4.3kb (Vector)	2.2kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 150629

DNA (<u>241</u> ng/ul)	80.0	ul
10x TE	77.1	ul
dH ₂ O	614.1	ul
Total	771.2	ul

● Confirmation of the insertion sequence

Date : 150626

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

● Shipping

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

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APPROVED BY :

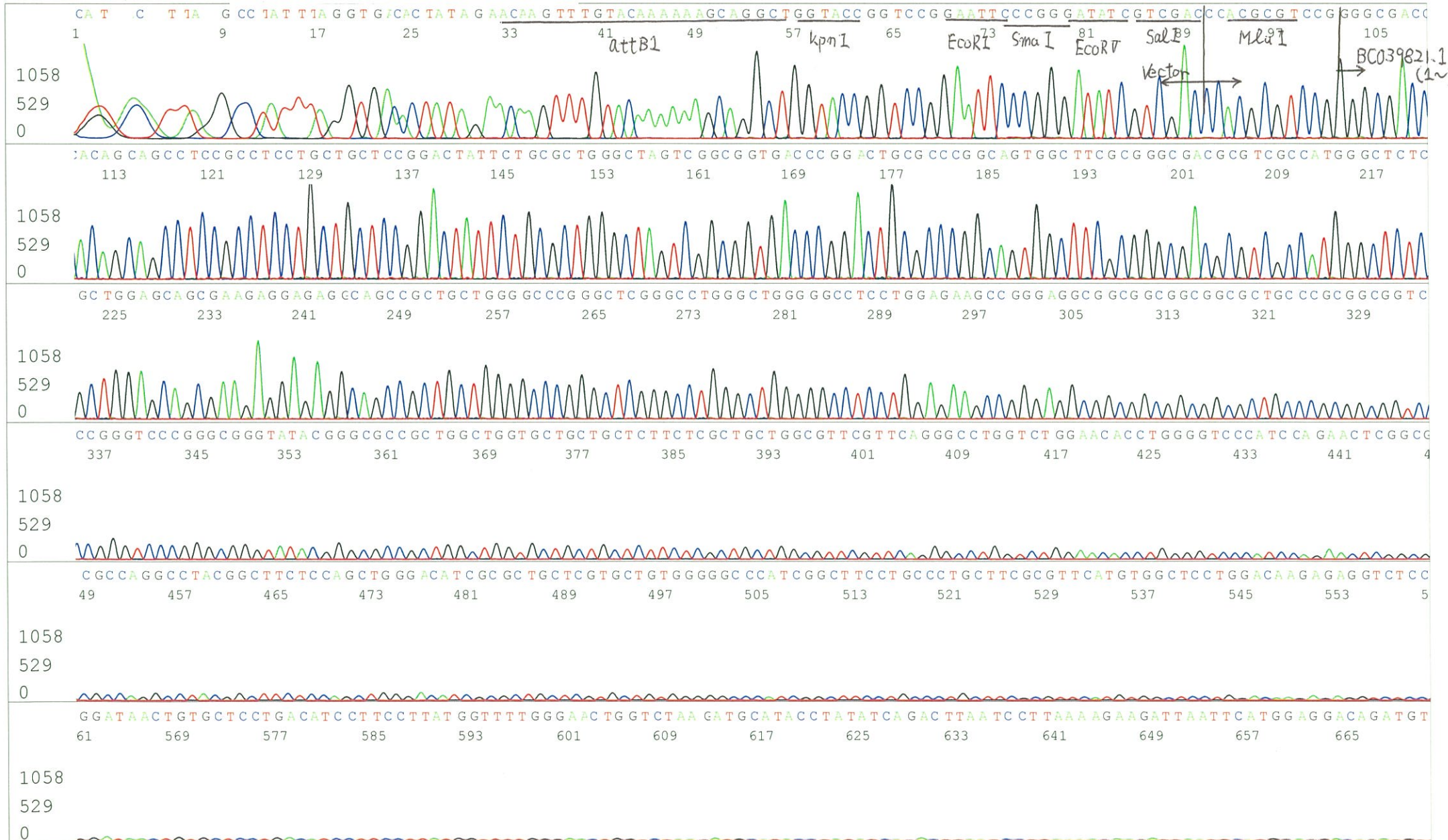
<http://dna.brc.riken.jp/index.html>

S/N G:777 A:266 T:218 C:312
KB.bcp
KB 1.4.1.8 Cap:18

Primer A : Reverse2
5' GCGGATAACAATTTTCACACAGG 3'

IRAK084P16_A5Fi_Reverse2_F12_18
IRAK084P16_A5Fi_Reverse2
KB_3500_POP7_BDTv3.mob
Pts 1344 to 13596 Pk1 Loc:1321
Version 6.0 HiSQV Bases: 884

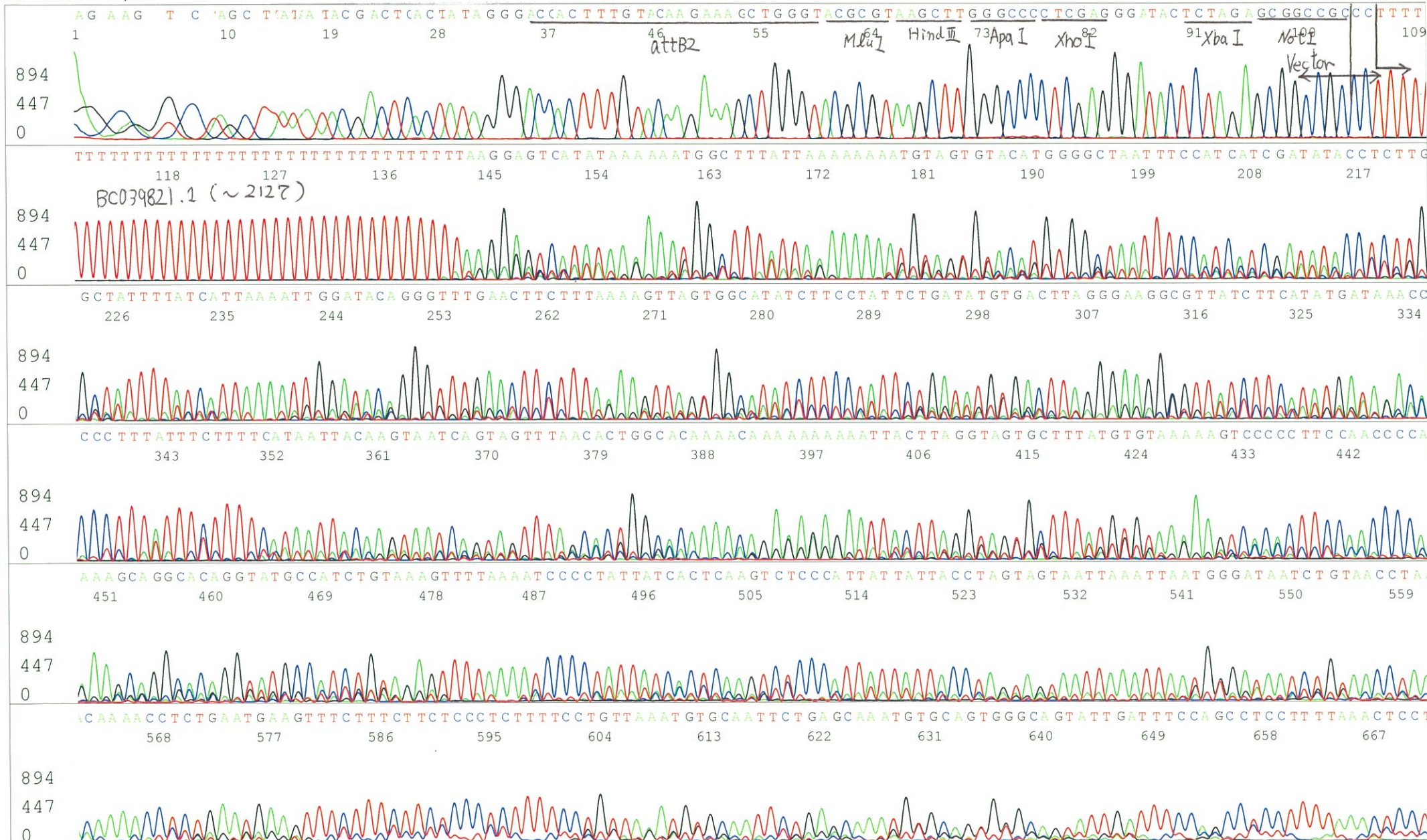
Inst Model/Name 3500/3500 Instrument
Jun 25,2015 09:57AM, JST
Jun 25,2015 10:24AM, JST
Spacing:11.98 Pts/Panel1350
Plate Name: 20150625_GNP



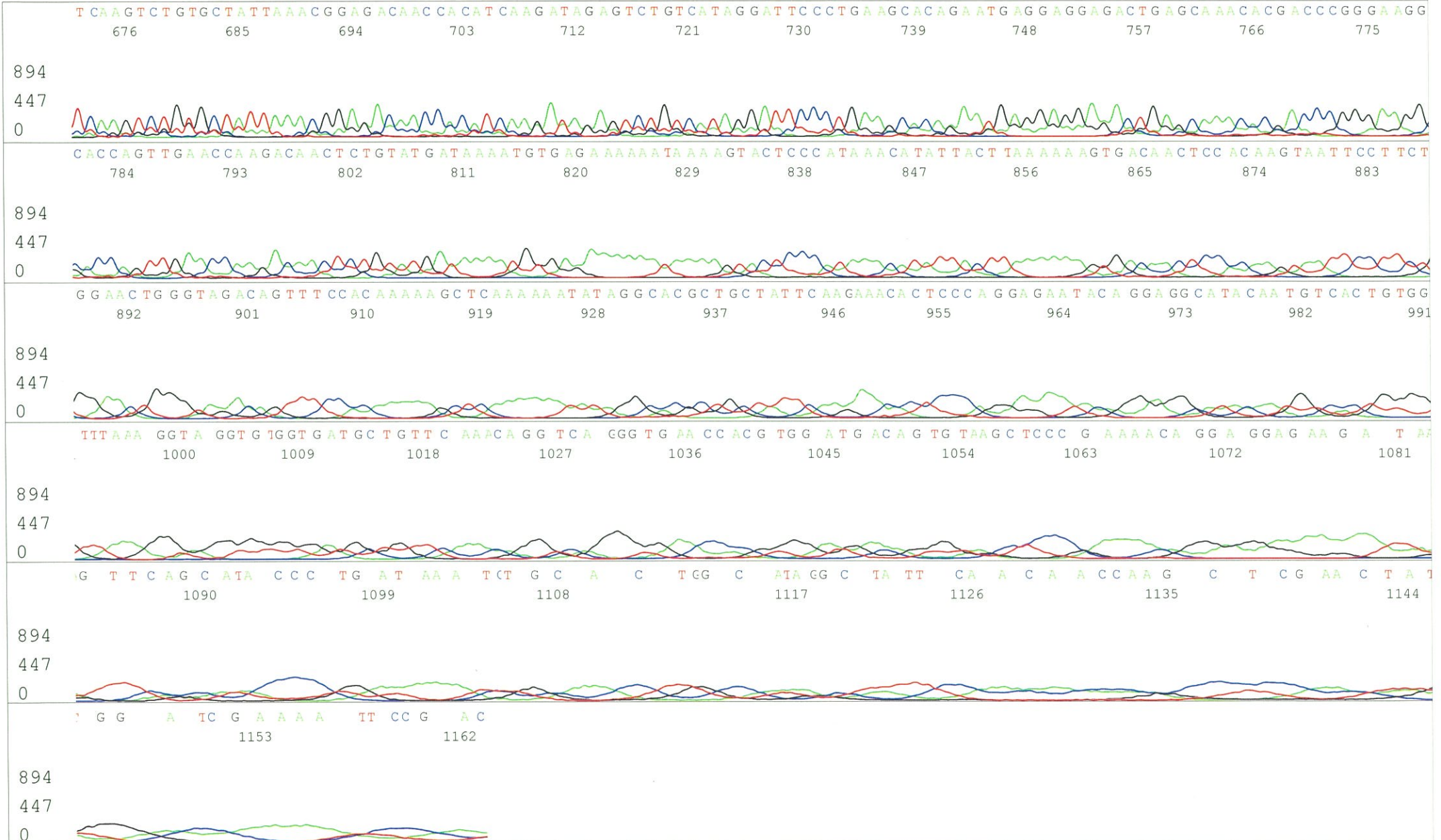
S/N G:777 A:266 T:218 C:312
KB.bcp
KB 1.4.1.8 Cap:18



S/N G:170 A:189 T:191 C:15 Primer B : M13
KB.bcp
KB 1.4.1.8 Cap:12 5' GTTTTCCCAGTCACGACGTTGTA 3'

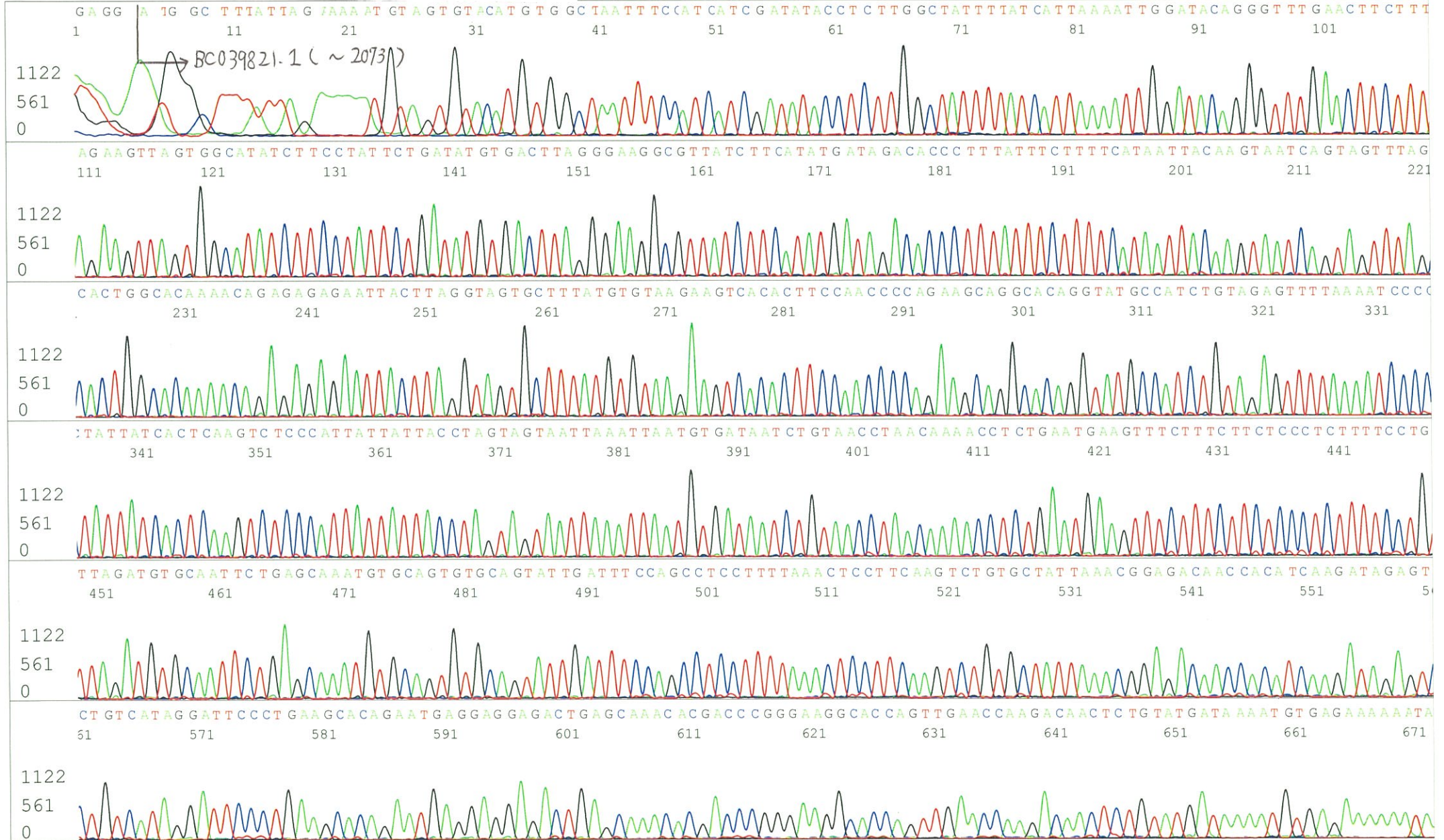


S/N G:170 A:189 T:191 C:154
KB.bcp
KB 1.4.1.8 Cap:12



S/N G:68 A:64 T:41 C:40
KB.bcp
KB 1.4.1.8 Cap:24

Primer C : Poly(A) region primer #0
5' TTTTTTTTTTTTTTTTTTTTTTTNNN 3'



S/N G:68 A:64 T:41 C:40
KB.bcp
KB 1.4.1.8 Cap:24

