

**RIKEN Clone ID : IRAK076A09**

Lot#: 7566\_A6B3

Vector : pBluescriptR

Gene	EFNB3	
Accession No.	BC042944.2	2338 bp
	CDS	1023 bp

● Plasmid DNA purification

Date : 160203

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

Date : 160204

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

● Digestion by restriction enzyme/Concentration calibration

Date : 160204

DNA concentration (O.D.): 35 ng/ul

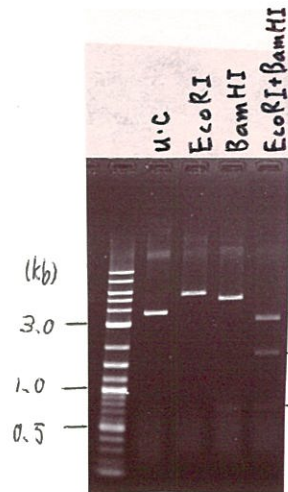
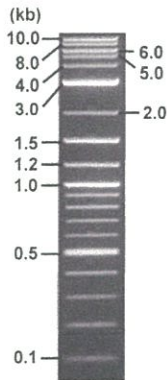
< Size of fragment expected from this clone >

DNA	2.5	ul
Enzyme (EcoRI + BamHI)	0.5 + 0.5	ul
Buffer H	1	ul
dH <sub>2</sub> O	5.5	ul
Total	10	ul

EcoRI	5.2 kb
BamHI	4.5, 0.70 kb
EcoRI + BamHI	2.8kb (Vector)      1.7, 0.70 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 160208

DNA ( <u>35</u> ng/ul)	70.0	ul
10x TE	9.8	ul
dH <sub>2</sub> O	18.2	ul
Total	98.0	ul

● Confirmation of the insertion sequence

Date : 160206

Primer A	T7
Primer B	Reverse2
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>

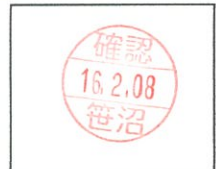
● Shipping

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

~~Conc. :     ng/ul, Volume :     ul~~

APPROVED BY :

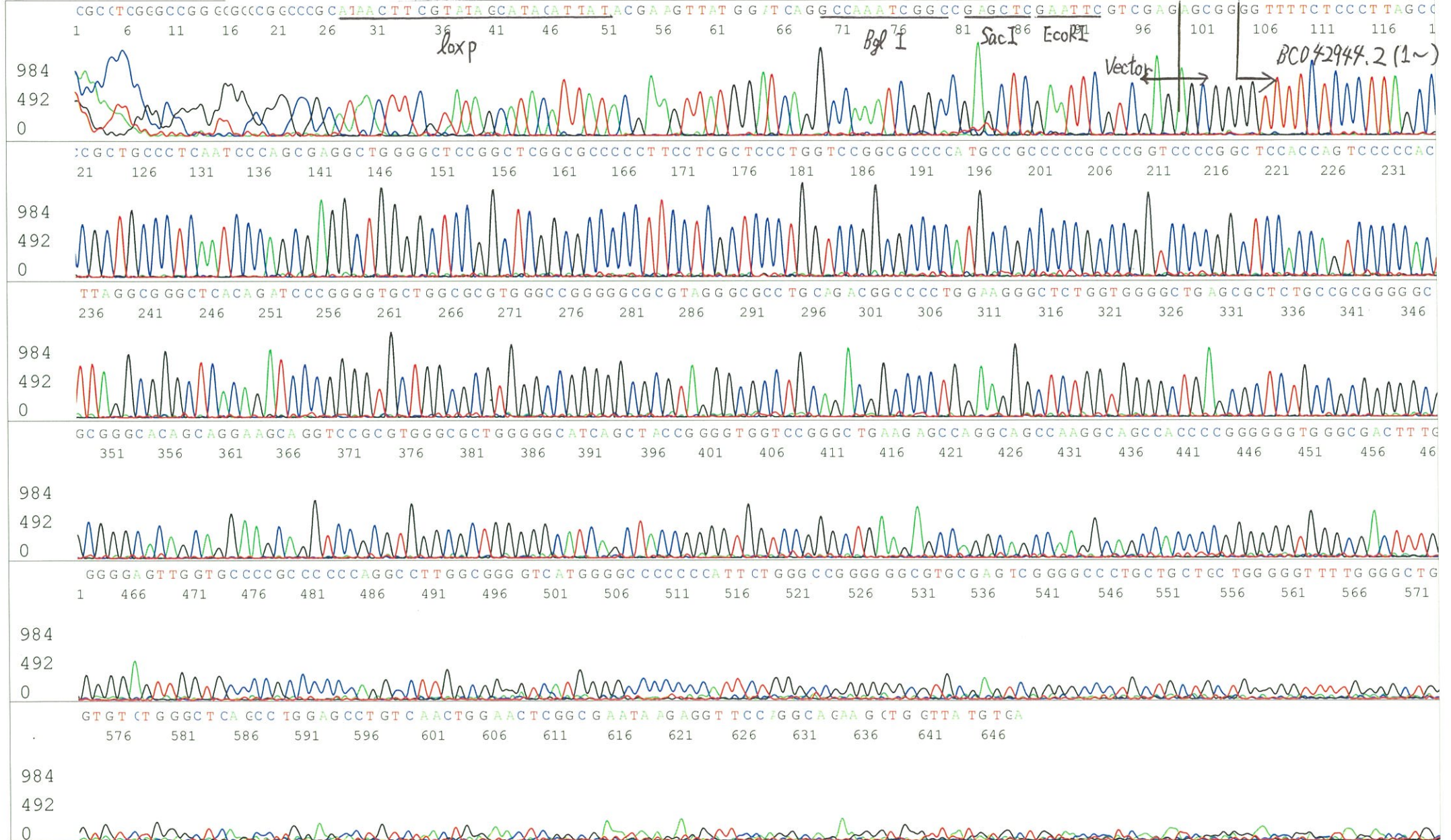
<http://dna.brc.riken.jp/index.html>



S/N G:18 A:9 T:8 C:11  
KB.bcp  
KB 1.4.1.8 Cap:1

Primer A : T7

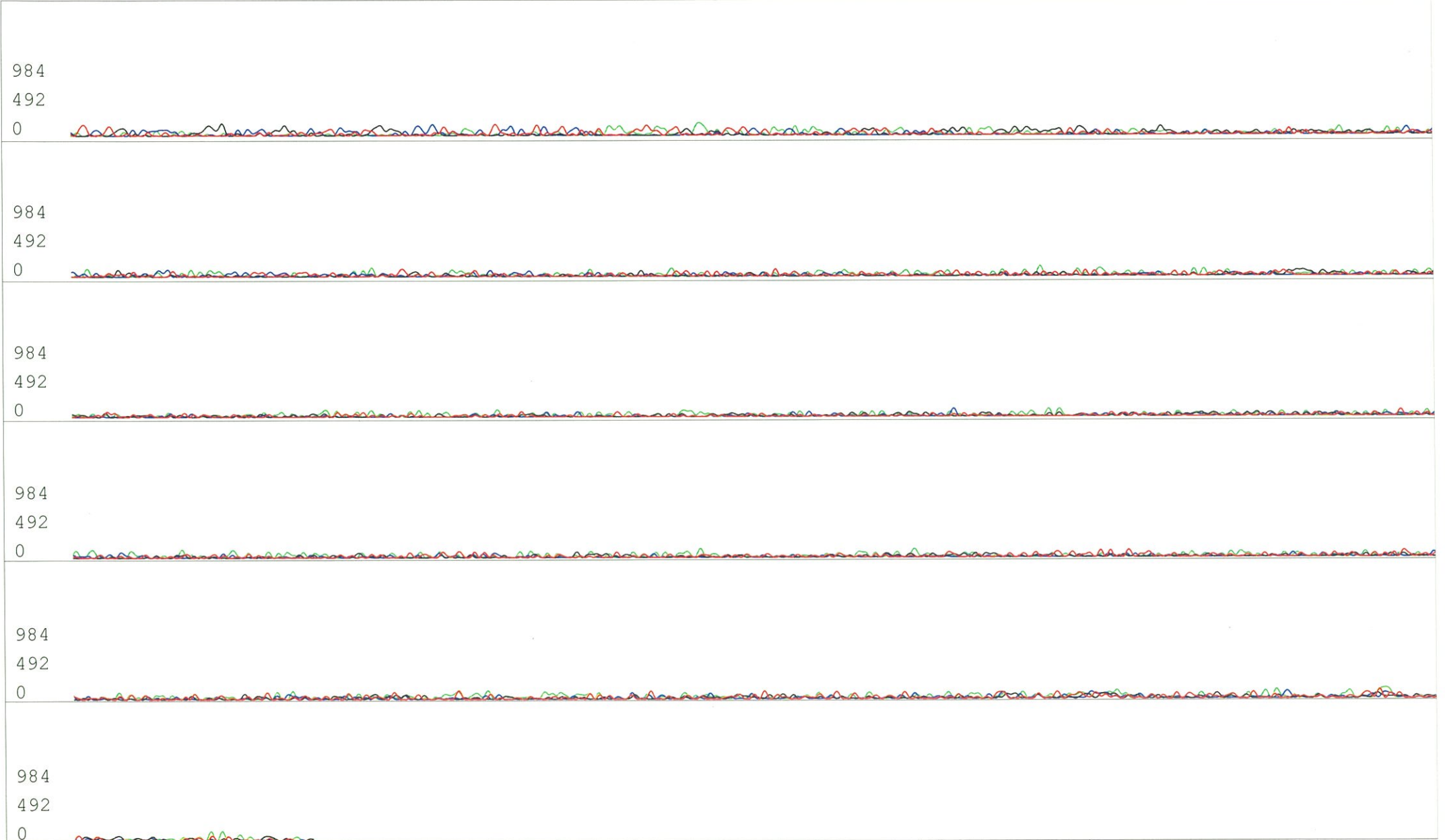
5' TAATACGACTCACTATAGGG 3'



S/N G:18 A:9 T:8 C:11  
KB.bcp  
KB 1.4.1.8 Cap:1

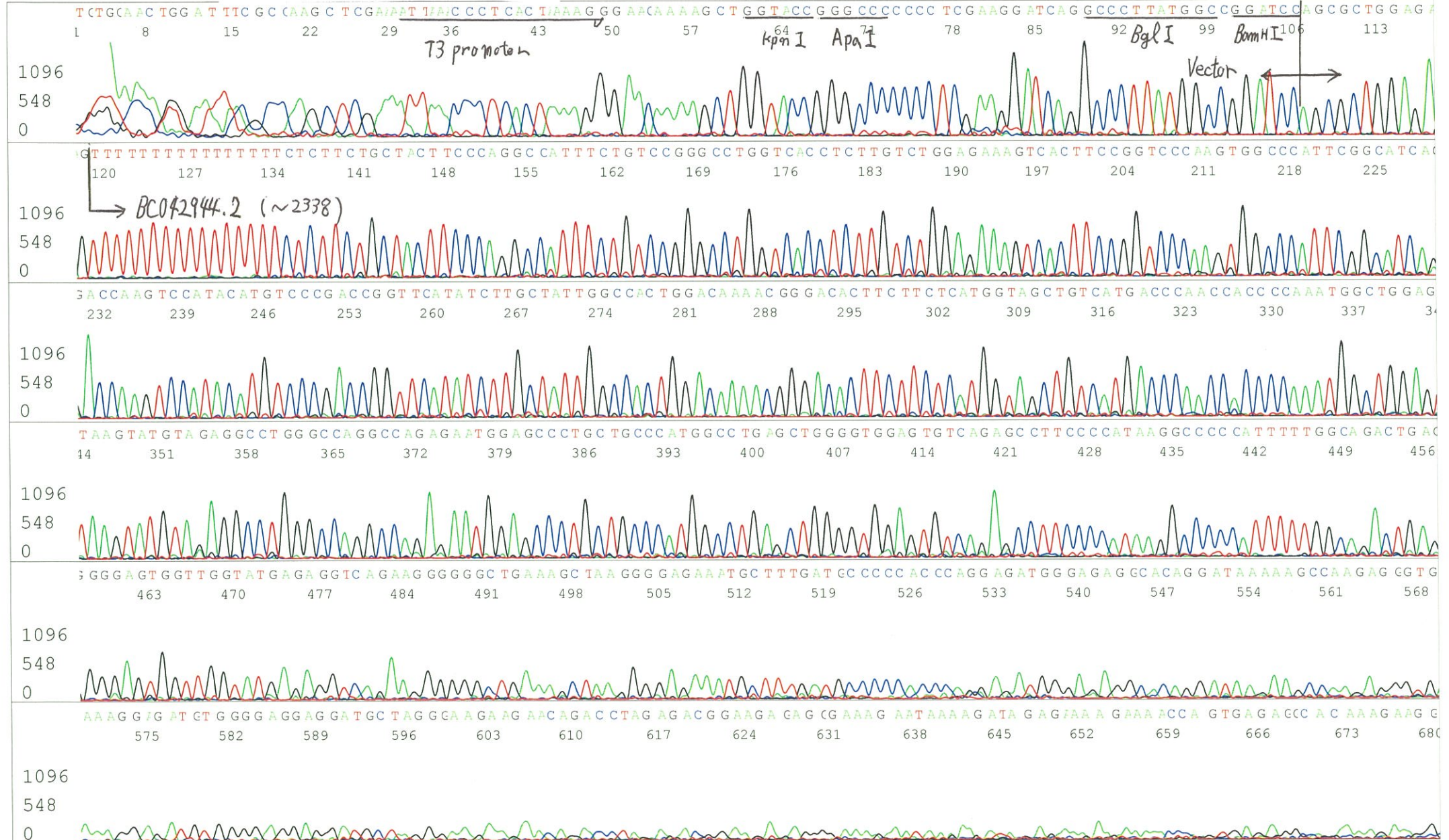
IRAK076A09\_A6B3\_T7\_A01\_01  
IRAK076A09\_A6B3\_T7  
KB\_3500\_POP7\_BDTv3.mob  
Pts 1501 to 13041 Pk1 Loc:1478  
Version 6.0 HiSQV Bases: 548

Inst Model/Name 3500/3500 Instrument  
Feb 05,2016 10:05AM, JST  
Feb 05,2016 10:40AM, JST  
Spacing:11.81 Pts/Panel1350  
Plate Name: 20160205\_mix



S/N G:16 A:14 T:10 C:12  
KB.bcp  
KB 1.4.1.8 Cap:4

Primer B : Reverse2  
5' GCGGATAACAATTTTCACACAGG 3'



S/N G:16 A:14 T:10 C:12  
KB.bcp  
KB 1.4.1.8 Cap:4

