

RIKEN Clone ID : IRAK075F19

Lot#: 7566_A9J3

Vector : pBluescriptR

Gene	KIAA0274	
Accession No.	BC041338.2	3074 bp
	CDS	2724 bp

● Plasmid DNA purification

Date : 191003

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

Date : 191004

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 191004

DNA concentration (O.D.): 333 ng/ul

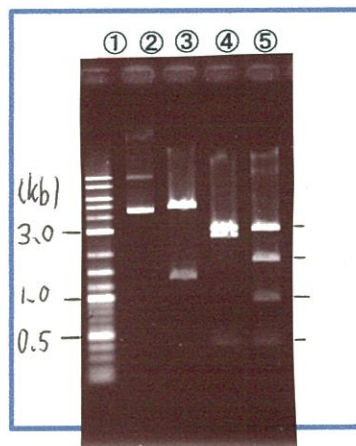
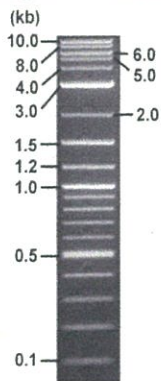
< Size of fragment expected from this clone >

DNA	<u>0.3</u> ul
Enzyme (EcoRI + BamHI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>7.7</u> ul
Total	10 ul

EcoRI	4.6, 1.3 kb
BamHI	2.8, 2.7, 0.4 kb
EcoRI + BamHI	2.8kb (Vector) 1.8, 0.9, 0.4, <0.1kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



- ①:Marker
- ②:uncut
- ③:EcoRI
- ④:BamHI
- ⑤:EcoRI + BamHI

● Adjust plasmid DNA solution to 25 ng/ul

Date : 191010

DNA (<u>333</u> ng/ul)	<u>92.0</u> ul
10x TE	<u>122.5</u> ul
dH ₂ O	<u>1010.9</u> ul
Total	<u>1225.4</u> ul

● Confirmation of the insertion sequence

Date : 191008

Primer A	T7
Primer B	Reverse2
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>

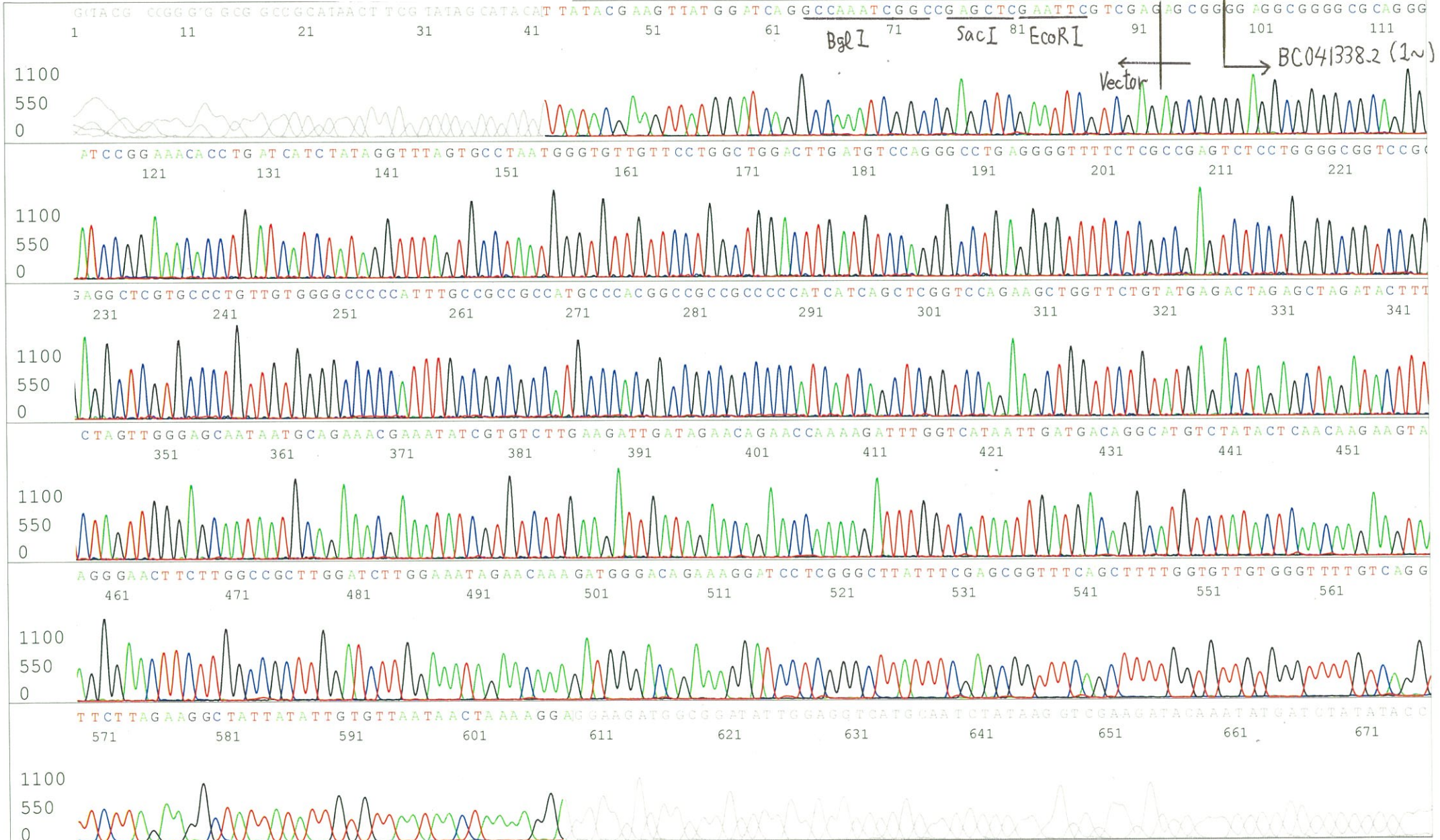


S/N G:110 A:106 T:93 C:114
KB.bcp
KB 1.4.1.8 Cap:1

Primer A : T7

5' TAATACGACTCACTATAGGG 3'

Gray line indicates quality value
(QV) < 40.



S/N G:74 A:76 T:76 C:87
KB.bcp
KB 1.4.1.8 Cap:2

Primer B : Reverse2

5' GCGGATAACAATTTTCACACAGG 3'

Gray line indicates quality value
(QV) < 40.

