

RIKEN Clone ID : IRAK028D14

Vector : pCMV-SPORT6

Gene	IL11	
Accession No.	BC012506.1	1201 bp
	<i>CDS</i>	600 bp

● Plasmid DNA purification

Date : 20.11.19

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

Date : 20.11.20

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 20.11.20

DNA concentration (O.D.): 321 ng/ul

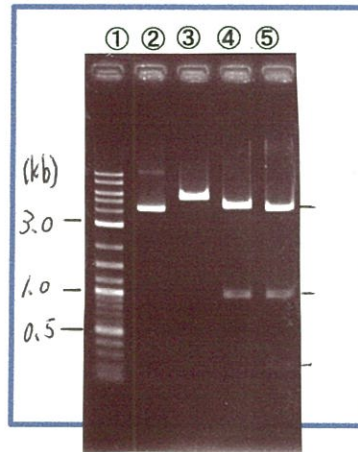
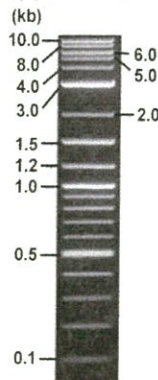
< Size of fragment expected from this clone >

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

EcoRI	<u>5.5</u> kb
XhoI	<u>4.5, 1.0</u> kb
EcoRI + XhoI	<u>4.3kb (Vector) 1.0, 0.2</u> kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



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

● Adjust plasmid DNA solution to 25 ng/ul

Date : 20.12.01

● Confirmation of the insertion sequence

Date : 20.12.01

DNA (<u>321</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>115.5</u> ul
dH ₂ O	<u>950.1</u> ul
Total	<u>1155.6</u> ul

Primer A	Reverse2
Primer B	M13
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/μl, Volume : 40 μl

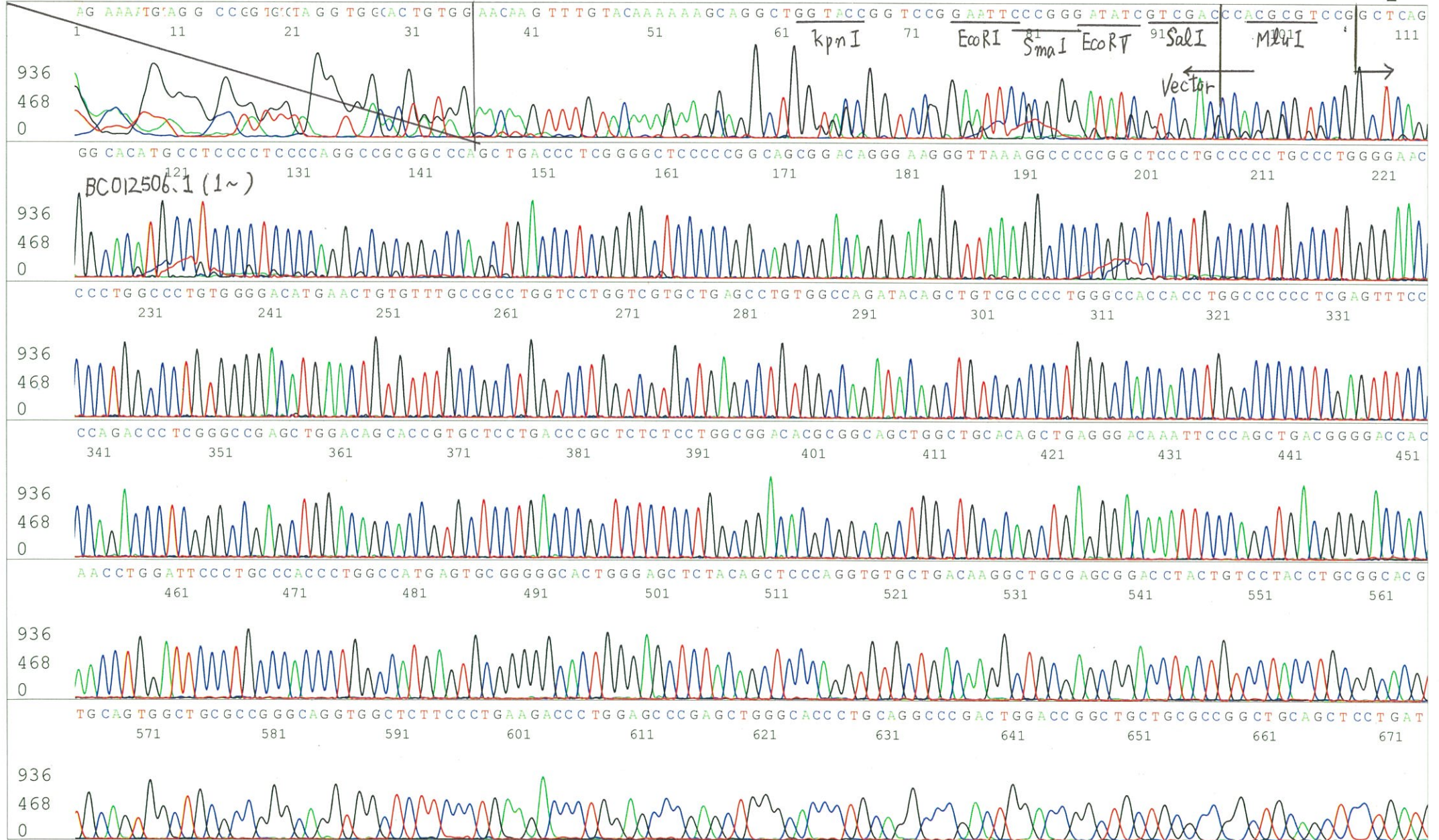
Conc. : ng/μl, Volume : μl

APPROVED BY :

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



S/N G:119 A:72 T:54 C:113 Primer A : Reverse2
KB.bcp
KB 1.4.1.8 Cap:1 5' GCGGATAACAATTTTCACACAGG 3'



S/N G:197 A:189 T:155 C:231 Primer B : M13
KB.bcp
KB 1.4.1.8 Cap:4 5' GTTTTCCCAGTCACGACGTTGTA 3'

