

**RIKEN Clone ID : IRAK029014**

Lot#: 7893\_A8Dj

Vector : pCMV-SPORT6

Gene	GABBR1	
Accession No.	BC042598.1	4074 bp
	CDS	2535 bp

● Plasmid DNA purification

Date : 180423

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

Date : 180424

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

● Digestion by restriction enzyme/Concentration calibration

Date : 180424

DNA concentration (O.D.): 140 ng/ul

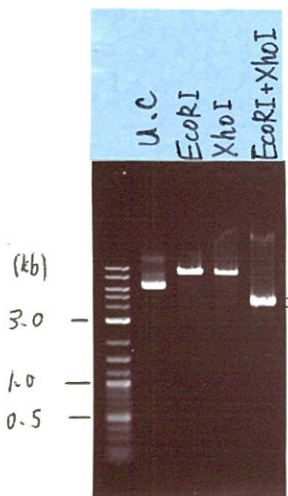
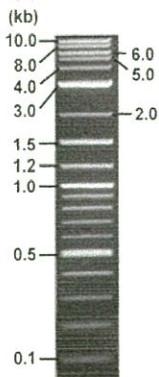
< Size of fragment expected from this clone >

DNA	<u>0.7</u> ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>7.3</u> ul
Total	10 ul

EcoRI	8.4 kb
XhoI	8.4 kb
EcoRI + XhoI	4.3kb (Vector)      4.1 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180425

● Confirmation of the insertion sequence

Date : 180425

DNA ( <u>140</u> ng/ul)	<u>90.0</u> ul
10x TE	<u>50.4</u> ul
dH <sub>2</sub> O	<u>363.6</u> ul
Total	<u>504.0</u> ul

Primer A	Reverse2
Primer B	M13
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

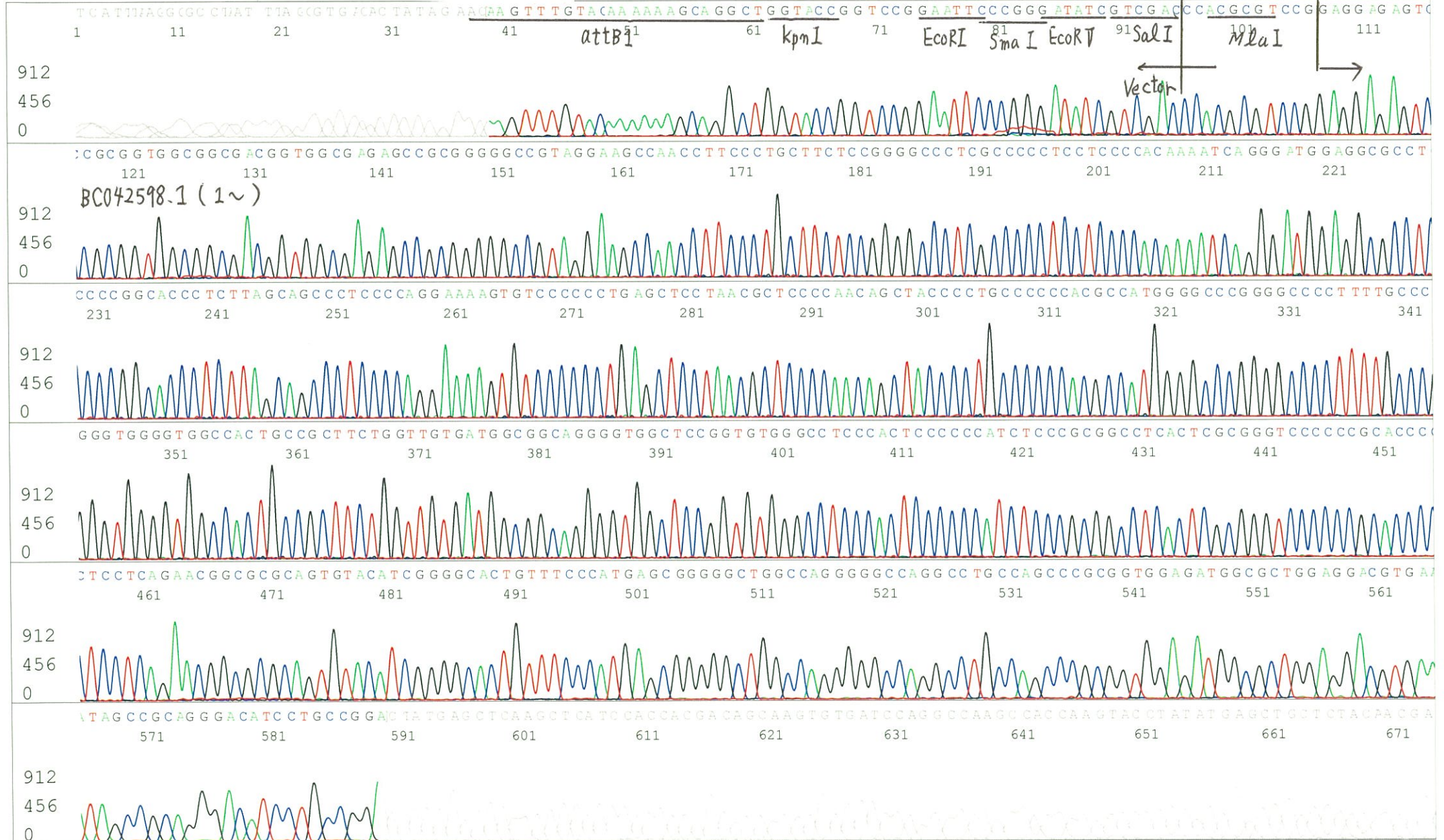


APPROVED BY : <http://dna.brc.riken.jp/index.html>

S/N G:54 A:46 T:51 C:112  
KB.bcp  
KB 1.4.1.8 Cap:1

Primer A : Reverse2  
5' GCGGATAACAATTTTCACACAGG 3'

Gray line indicates quality value  
(QV) < 40.





S/N G:47 A:59 T:50 C:70  
KB.bcp  
KB 1.4.1.8 Cap:2

Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

Gray line indicates quality value  
(QV) < 40.

