

**RIKEN Clone ID : IRAL029L20**

Lot#: 7566\_B0Kb

Vector : pOTB7

Gene	SYAP1	
Accession No.	BC014657.1	1213 bp
	CDS	1059 bp

● Plasmid DNA purification

Date : 20.11.12

Culture : LB (25 ug/ml Chloramphenicol) 5 ml -> at 37 deg C over night

Date : 20.11.13

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

● Digestion by restriction enzyme/Concentration calibration

Date : 20.11.13

DNA concentration (O.D.): 191 ng/ul

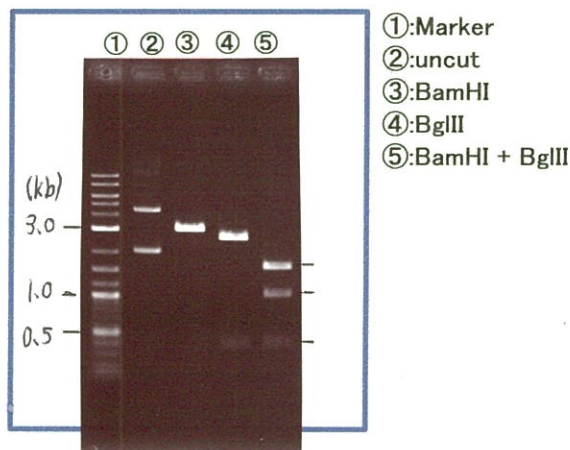
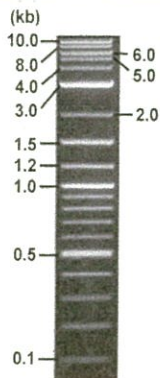
< Size of fragment expected from this clone >

DNA	<u>0.5</u> ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>7.5</u> ul
Total	10 ul

BamHI	3.0 kb
BglII	2.6, 0.4 kb
BamHI + BglII	1.6kb (Vector)      1.0, 0.4 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 20.11.24

DNA ( <u>191</u> ng/ul)	<u>76.0</u> ul
10x TE	<u>58.0</u> ul
dH <sub>2</sub> O	<u>446.6</u> ul
Total	<u>580.6</u> ul

● Confirmation of the insertion sequence

Date : 20.11.20

Primer A	pOTB7_F
Primer B	pOTB7_R
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 :

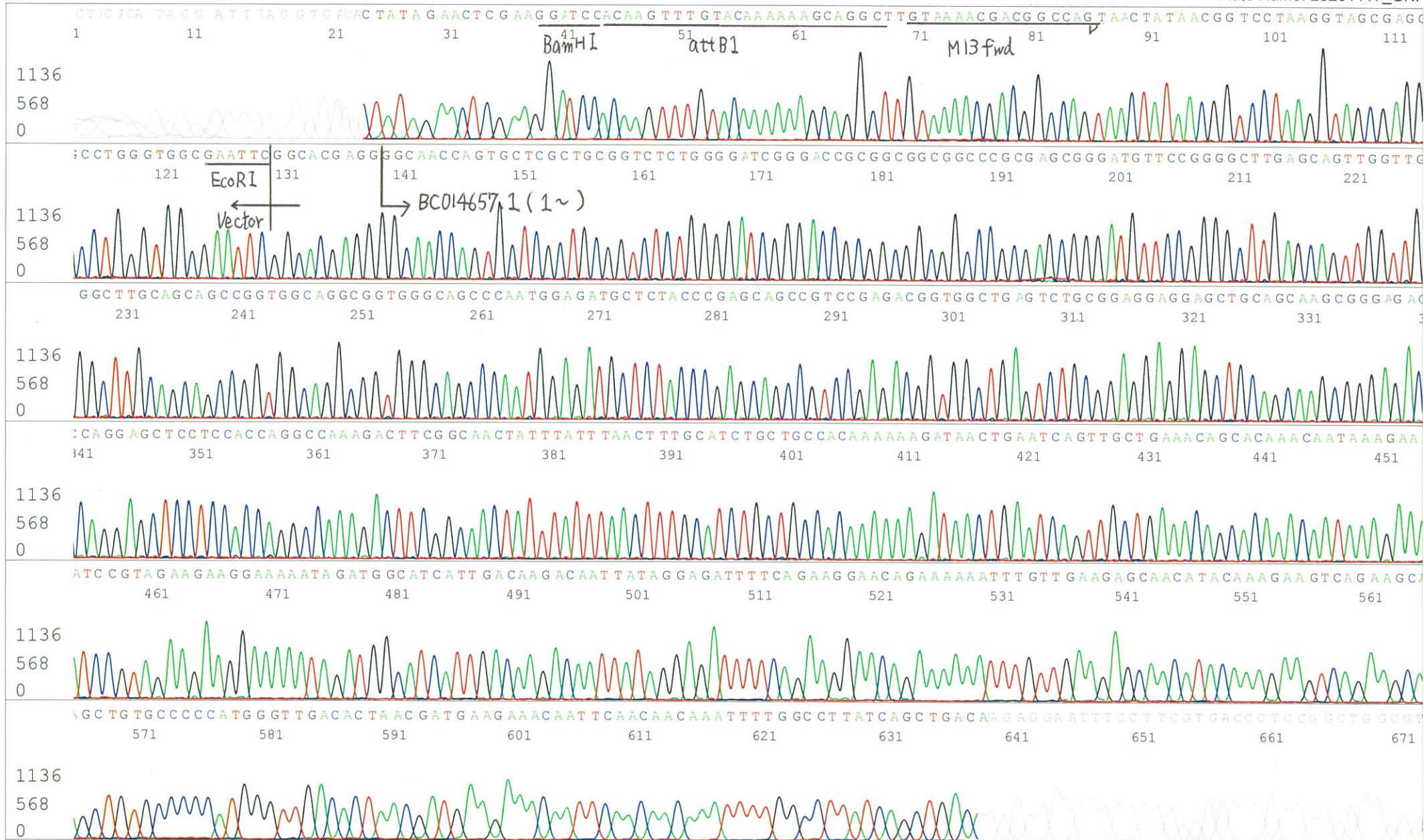
<http://dna.brc.riken.jp/index.html>



S/N G:802 A:864 T:420 C:735  
KB.bcp  
KB 1.4.1.8 Cap:19

Primer A: pOTB7-F  
5' AACGCGGCTACAATTAATACATAACC 3'

Gray line indicates quality value  
(QV) < 40.



S/N G:257 A:347 T:374 C:367  
KB.bcp  
KB 1.4.1.8 Cap:22

Primer B: pOTB7-R  
5' GTACTGCAGCCGATTTCATTAATGC 3'

Gray line indicates quality value  
(QV) < 40.

