

**RIKEN Clone ID : IRAL044J11**

Lot#: 7566\_A8Bj

Vector : pOTB7

Gene	KLF5	
Accession No.	BC042131.1	1649 bp
	<i>CDS</i>	1374 bp

● Plasmid DNA purification

Date : 180220

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

Date : 180221

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

● Digestion by restriction enzyme/Concentration calibration

Date : 180221

DNA concentration (O.D.): 36 ng/ul

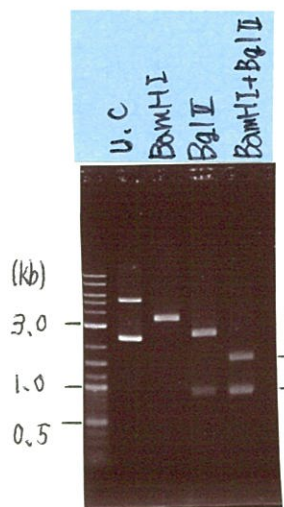
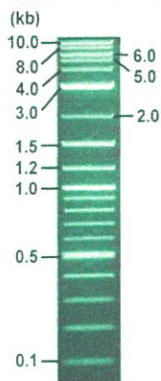
< Size of fragment expected from this clone >

DNA	<u>2.7</u> ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	<u>5.3</u> ul
Total	10 ul

BamHI	3.4 kb
BglII	2.5, 0.9 kb
BamHI + BglII	1.6kb (Vector)      0.9, 0.9 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180307

● Confirmation of the insertion sequence

Date : 180226

DNA ( <u>36</u> ng/ul)	<u>75.0</u> ul
10x TE	<u>10.8</u> ul
dH <sub>2</sub> O	<u>22.2</u> ul
Total	<u>108.0</u> ul

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:106 A:109 T:79 C:167

Primer A: pOTB7-F

IRAL044J11\_A8B9\_pOTB7\_F

Feb 26,2018 11:29AM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Feb 26,2018 11:46AM, JST

KB 1.4.1.8 Cap:13

5' AACGCGGCTACAATTAATACATAACC 3'

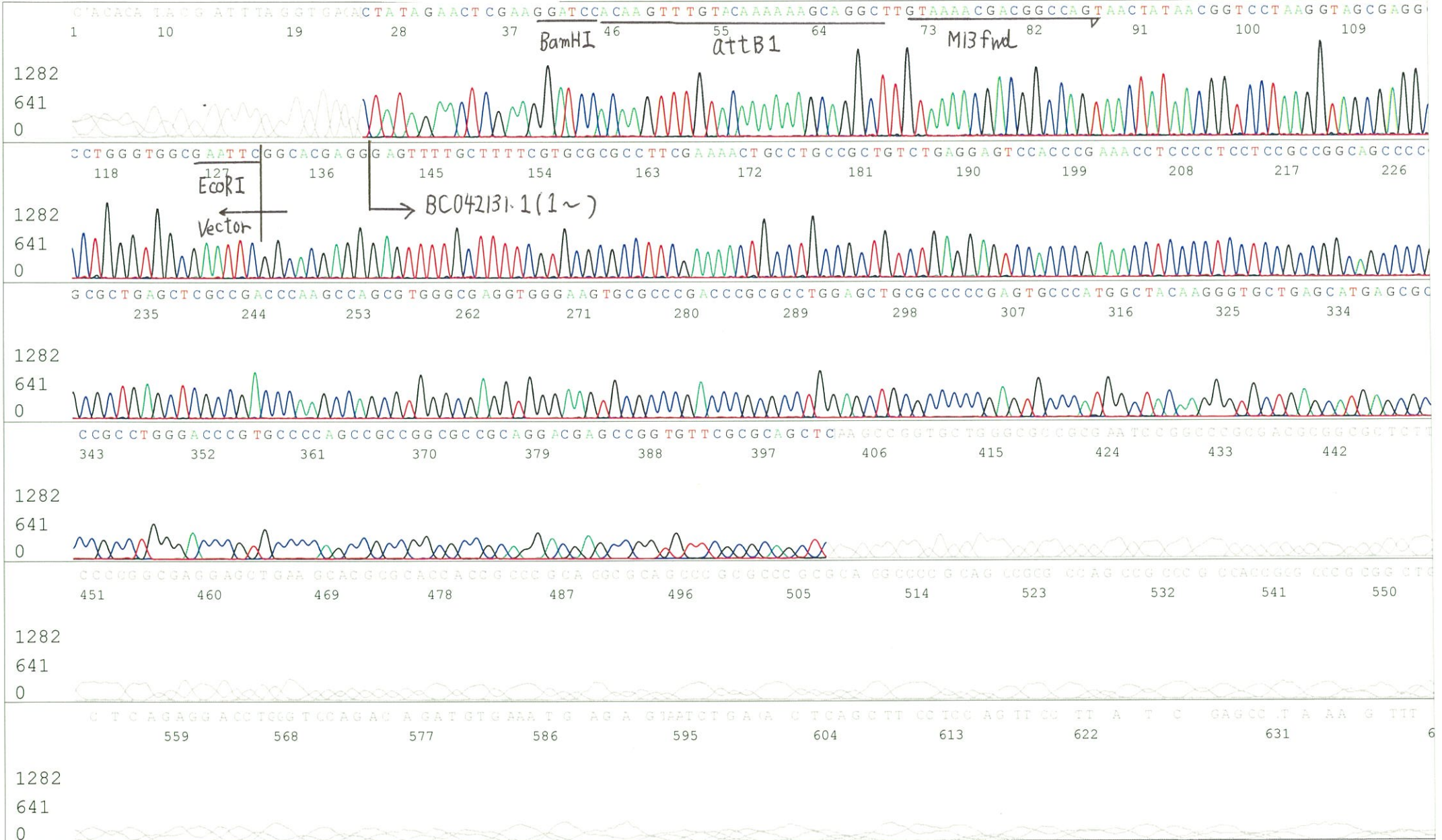
Pts 1794 to 8706 Pk1 Loc:1762

(QV) < 40.

Spacing:11.01 Pts/Panel1350

Version 6.0 HiSQV Bases: 540

Plate Name: 20180226\_GNP





S/N G:148 A:156 T:135 C:213  
KB.bcp  
KB 1.4.1.8 Cap:16

Primer B: pOTB7-R

5' GTACTGCAGCCGATTCATTAATGC 3'

IRAL044J11\_A8B9\_pOTB7\_R\_F07\_16\_ABI24  
IRAL044J11\_A8B9\_pOTB7\_R  
KB\_3500\_POP7\_BDTv3.mob  
Pts 1711 to 8629 Pk1 Loc:1679  
Version 6.0 HiSQV Bases: 655

Gray line indicates quality value  
(QV) < 40.

Inst Model/Name 3500/3500 Instrument  
Feb 26,2018 11:29AM, JST  
Feb 26,2018 11:46AM, JST  
Spacing:10.54 Pts/Panel1350  
Plate Name: 20180226\_GNP

