

RIKEN Clone ID : IRAL025J01

Vector : pOTB7

Gene	FAM108A1	
Accession No.	BC009256.2	1538 bp
	CDS	933 bp

● Plasmid DNA purification

Date : 190926

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

Date : 190927

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 190927

DNA concentration (O.D.): 266 ng/ul

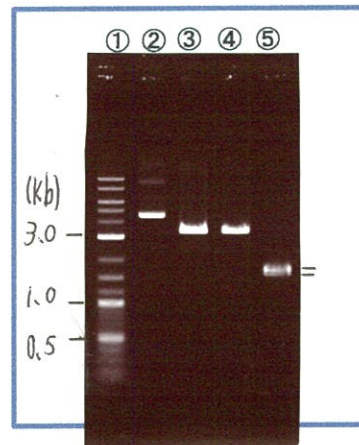
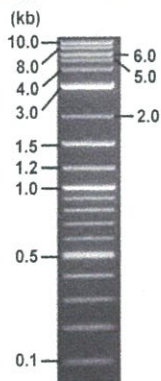
< Size of fragment expected from this clone >

DNA	<u>0.4</u> ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	<u>7.6</u> ul
Total	10 ul

BamHI	3.3 kb
BglII	3.3 kb
BamHI + BglII	1.6kb (Vector) 1.7 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



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

● Adjust plasmid DNA solution to 25 ng/ul

Date : 191003

DNA (<u>266</u> ng/ul)	<u>88.0</u> ul
10x TE	<u>93.6</u> ul
dH ₂ O	<u>754.7</u> ul
Total	<u>936.3</u> ul

● Confirmation of the insertion sequence

Date : 191001

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	poly(A) region primer #0
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

Conc. : 25 ng/ul, Volume : 40 ul

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APPROVED BY :

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



S/N G:19 A:12 T:13 C:28

Primer A: pOTB7-F

7566_IRAL025J01_A9lo_2_pOTB7_F

Oct 01, 2019 09:41AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Oct 01, 2019 09:55AM, JST

KB 1.4.1.8 Cap:3

5' AACGCGGCTACAATTAATACATAACC 3'

Pts 1713 to 8591 Pk1 Loc:1681

(QV) < 40.

Spacing:10.36 Pts/Panel1350

Version 6.0 HiSQV Bases: 652

Plate Name: 20191001_GNP

