

RIKEN Clone ID : IRAL004D19

Lot#: 7566_B2K9

Vector : pOTB7

Gene	RNF126	
Accession No.	BC001442.2	1431 bp
	<i>CDS</i>	1194 bp

● Plasmid DNA purification

Date : 22.11.14

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

Date : 22.11.15

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 22.11.16

DNA concentration (O.D.): 209 ng/ul

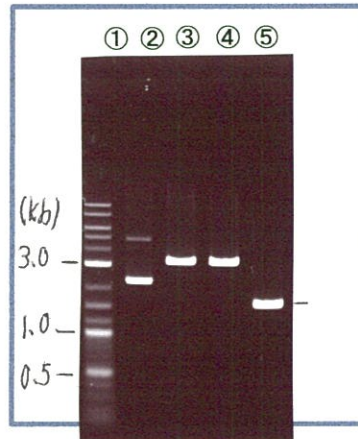
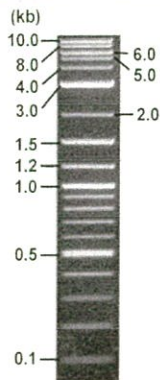
< Size of fragment expected from this clone >

DNA	0.45 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.55 ul
Total	10 ul

BamHI	3.2 kb
BglII	3.2 kb
BamHI + BglII	1.6kb (Vector) 1.6 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 : 22.11.22

DNA (209 ng/ul)	84.0 ul
10x TE	70.2 ul
dH ₂ O	548.0 ul
Total	702.2 ul

● Confirmation of the insertion sequence

Date : 22.11.21

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● 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:454 A:493 T:249 C:626 Primer A: pOTB7-F
KB.bcp
KB 1.4.1.8 Cap:9
5' AACGCGGCTACAATTAATACATAACC 3'

Gray line indicates quality value
(QV) < 40.

