

RIKEN Clone ID : IRAL010D06

Lot#: 7566_A7Go

Vector : pOTB7

Gene	NKIRAS2	
Accession No.	BC007450.2	1533 bp
	CDS	576 bp

● Plasmid DNA purification

Date : 170727

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

Date : 170801

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 170801

DNA concentration (O.D.): 260 ng/ul

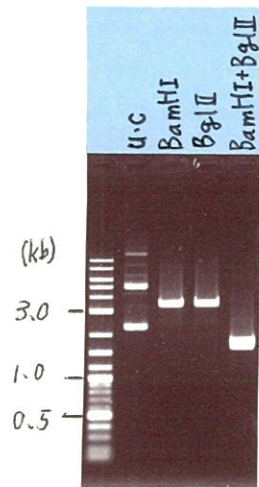
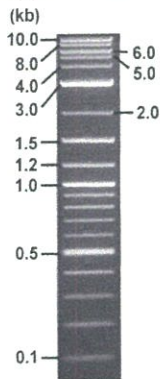
< Size of fragment expected from this clone >

DNA	0.35	ul
Enzyme (BamHI + BglII)	0.5 + 0.5	ul
Buffer H	1	ul
dH ₂ O	7.65	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)



● Adjust plasmid DNA solution to 25 ng/ul

Date : 170807

DNA (<u>260</u> ng/ul)	82.0	ul
10x TE	85.2	ul
dH ₂ O	685.6	ul
Total	852.8	ul

● Confirmation of the insertion sequence

Date : 170802

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:364 A:360 T:286 C:487

Primer A: pOTB7-F

IRAL010D06_A7Go_III_pOTB7_F

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Aug 02,2017 03:19PM, JST

KB.bcp

Pts 1739 to 8675 Pk1 Loc:1707

Aug 02,2017 03:36PM, JST

KB 1.4.1.8 Cap:13

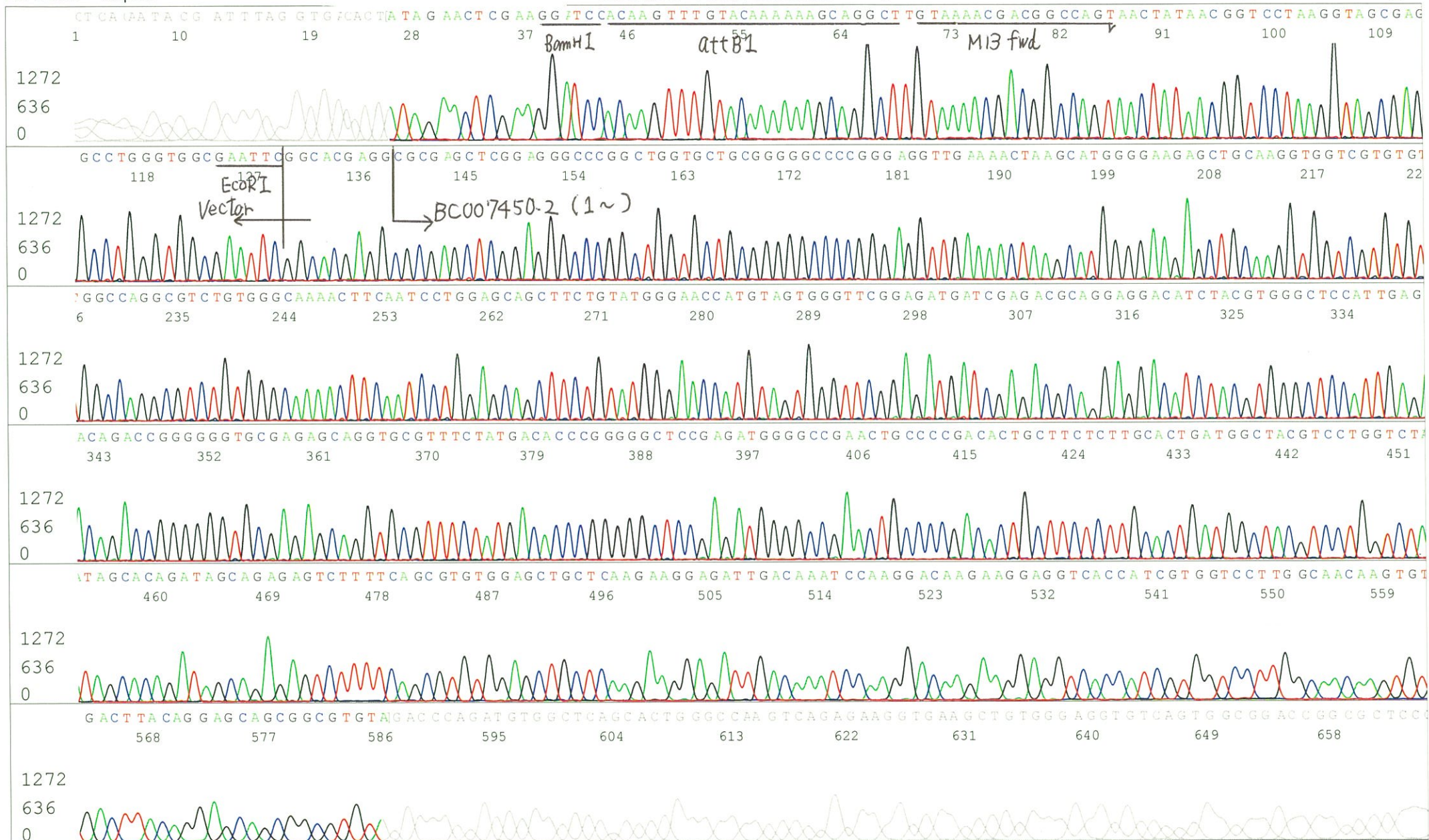
5' AACGCGGCTACAATTAATACATAAACC 3'

Version 6.0 HiSQV Bases: 688

(QV) < 40.

Spacing:10.45 Pts/Panel1350

Plate Name: 20170802_mix



S/N G:376 A:367 T:348 C:538

Primer B: pOTB7-R

IRAL010D06_A7Go_III_pOTB7_R

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Aug 02,2017 03:19PM, JST

KB.bcp

5' GTACTGCAGCCGATTCATTAATGC 3'

Pts 1738 to 8707 Pk1 Loc:1706

Aug 02,2017 03:36PM, JST

KB 1.4.1.8 Cap:16

Version 6.0 HiSQV Bases: 707

(QV) < 40.

Spacing:10.53 Pts/Panel1350

Plate Name: 20170802_mix

