

**RIKEN Clone ID : IRAL001A18**

Vector : pOTB7

Gene	CD63	
Accession No.	BC002349.2	927 bp
	CDS	717 bp

● Plasmid DNA purification

Date : 171220

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

Date : 171221

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

● Digestion by restriction enzyme/Concentration calibration

Date : 171221

DNA concentration (O.D.): 100 ng/ul

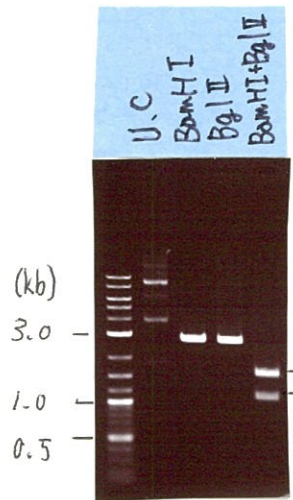
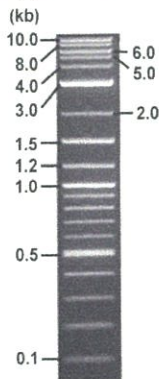
< Size of fragment expected from this clone >

DNA	1 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	7 ul
Total	10 ul

BamHI	2.7 kb	
BglII	2.7 kb	
BamHI + BglII	1.6kb (Vector)	1.1 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 171225

DNA ( 100 ng/ul)	83.0 ul
10x TE	33.2 ul
dH <sub>2</sub> O	215.8 ul
Total	332.0 ul

● Confirmation of the insertion sequence

Date : 171225

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	poly(A) region primer #0
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 :

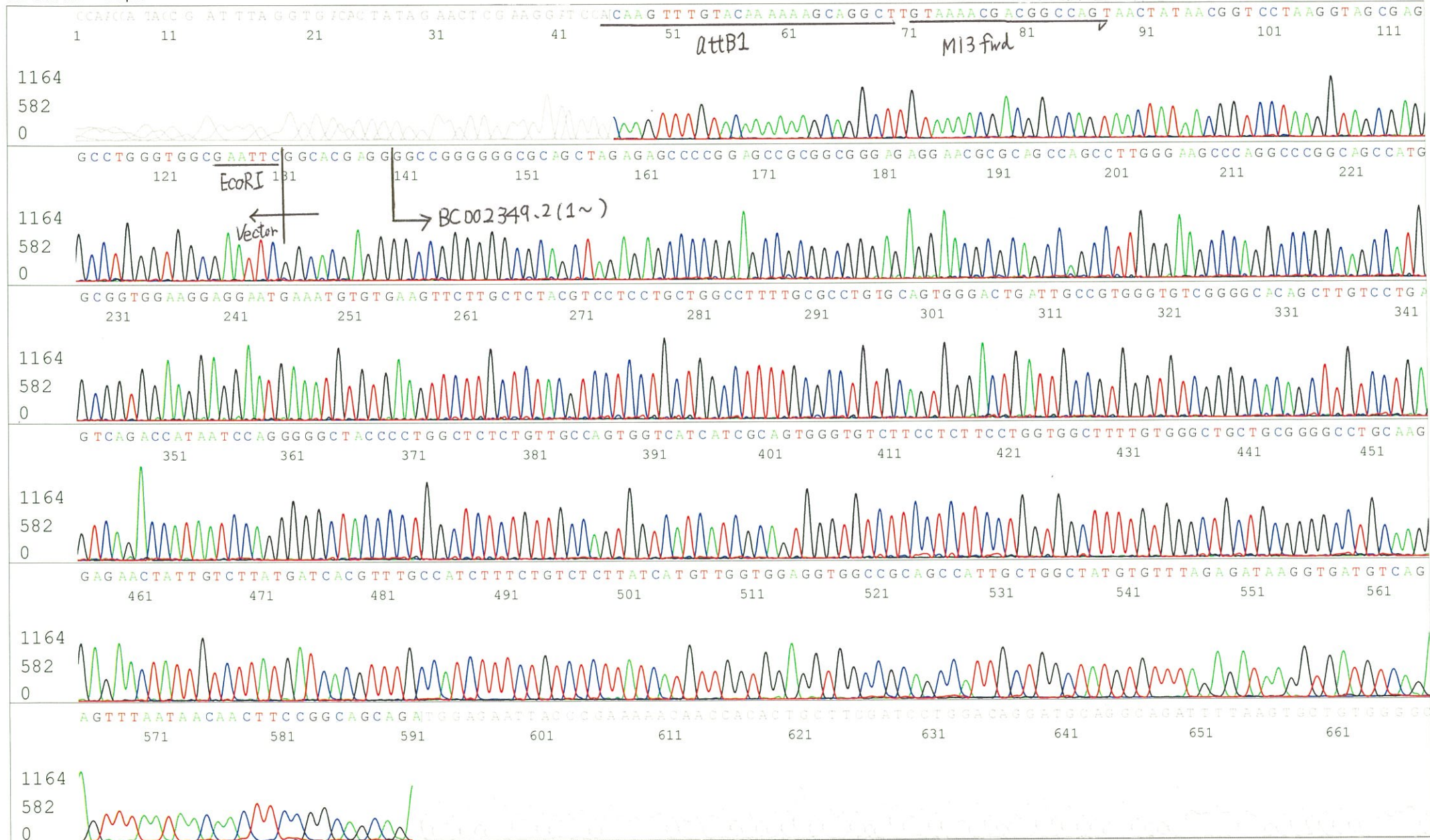
<http://dna.brc.riken.jp/index.html>



S/N G:67 A:58 T:73 C:93  
KB.bcp  
KB 1.4.1.8 Cap:1

Primer A: pOTB7-F  
5' AACGCGGCTACAATTAATACATAACC 3'

Gray line indicates quality value  
(QV) < 40.





S/N G:11 A:14 T:13 C:21  
KB.bcp  
KB 1.4.1.8 Cap:3

Primer C : Poly(A) region primer #0  
5' TTTTTTTTTTTTTTTTTTTTTTNNN 3'

IRAL001A18\_A7Li\_GNPMixture\_C01\_03\_ABI08  
IRAL001A18\_A7Li\_GNPMixture  
KB\_3500\_POP7\_BDTv3.mob  
Pts 1869 to 8704 Pk1 Loc:1837  
Version 6.0 HiSQV Bases: 692

Inst Model/Name 3500/3500 Instrument  
Dec 25,2017 02:18PM, JST  
Dec 25,2017 02:48PM, JST  
Spacing:10.47 Pts/Panel1350  
Plate Name: 20171226

Gray line indicates quality value (QV) < 40.

