

**RIKEN Clone ID : IRAL001P07**

Vector : pOTB7

Gene	NAP1L1		
Accession No.	BC002387.2	2300 bp	1..2300
	CDS	1176 bp	122..1297

● Plasmid DNA purification

Date : 120911

Culture : LB (25 ug/ml Chloramphenicol) 10 ml -> at 37 deg C over night

Date : 120912

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

● Digestion by restriction enzyme/Concentration calibration

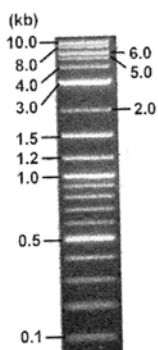
Date : 120912

DNA concentration (O.D.): 58 ng/ul

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

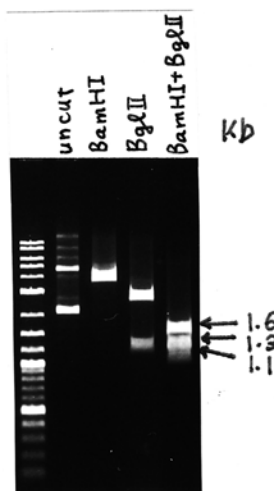
Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



<Expected size of fragment from BC002387.2 >

1615, 1143, 1343 bp



● Confirmation of the insertion sequence

Date : 120913

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>

● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

Date : 120913

DNA ( <u>58</u> ng/ul)	82.0 ul
10x TE	19.0 ul
dH <sub>2</sub> O	89.2 ul
Total	190.2 ul



APPROVED BY :

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

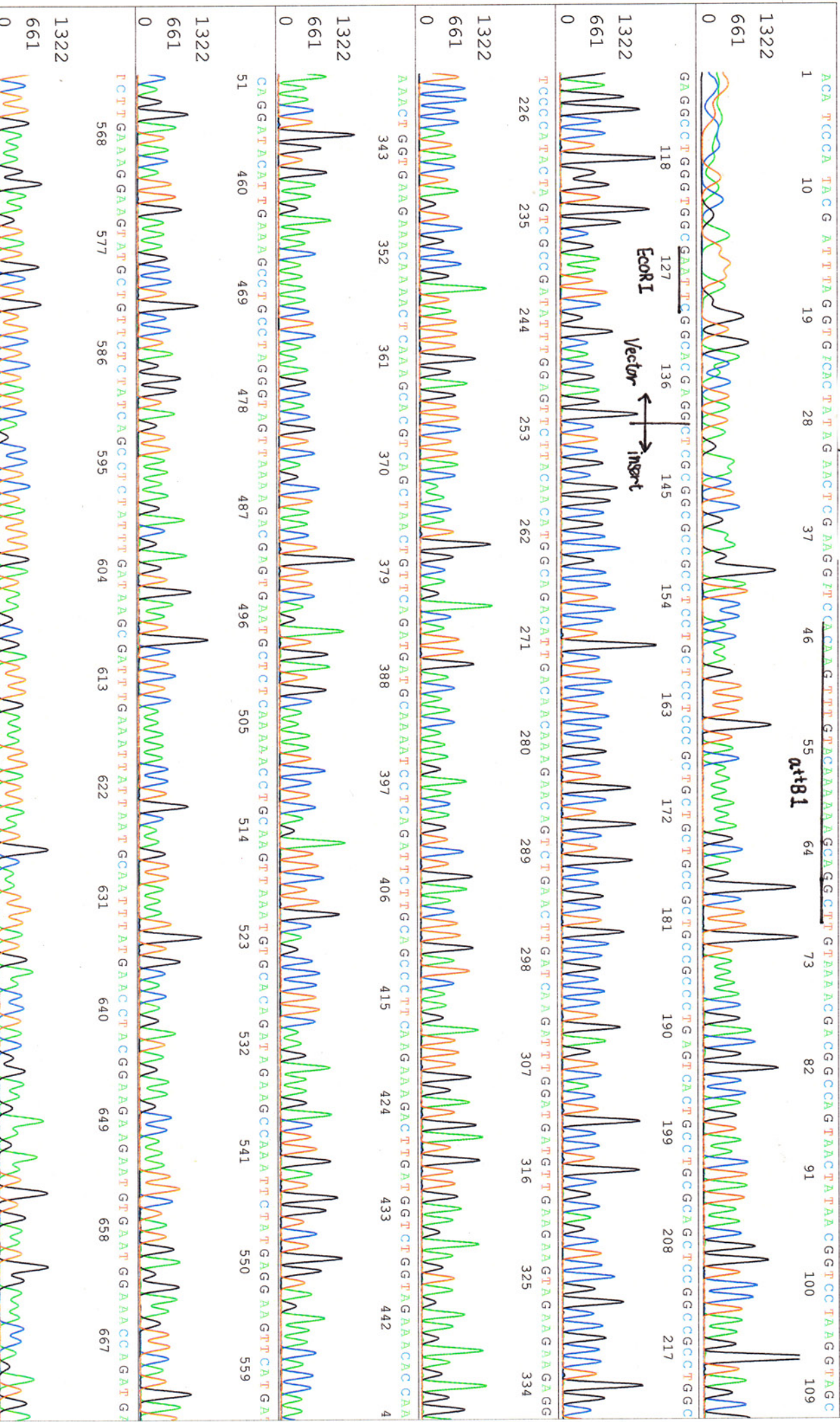
SN G:1310 A:1094 T:951 C:86  
KB.bcp  
KB 1.4.1.8 Cap:19

Primer A: pOTB7-F

5' AACGGCGTACATTAATACATTAACC 3'

KB 3500\_POP7\_BDTV3.mob  
Pts 1282 to 13135 PK1 Loc:1259  
Version 5.4 HiSQV Bases: 1030

Plate Name: 20120913\_GNP-DNAbank





S/N G:233 A:241 T:352 C:259  
 KB.bcp  
 KB 1.4.1.8 Cap:22

Primer B: pOTB7-R  
 5'GTACTGACGCCGATTCATTAAATGC 3'

IRAL001P07\_pOTB7\_R\_H04\_22  
 IRAL001P07\_pOTB7\_R  
 KB\_3500\_POP7\_BDTv3.mob  
 Pts 1291 to 13205 Pk1 Loc:1268  
 Version 5.4 HSOV Bases: 978

Inst Model/Name 3500/3500 Instrument  
 Sep 13,2002 09:08AM, JST  
 Sep 13,2002 09:34AM, JST  
 Spacing:11.61 Pts/Panel1350  
 Plate Name: 20120913\_GNP-DNAbank

