

**RIKEN\_Clone\_ID : IRAL011011**

Lot#: 7566\_B2Ab

Vector : pOTB7

Gene	PWP2H	
Accession No.	BC013309.2	3122 bp
	<i>CDS</i>	2760 bp

● Plasmid DNA purification

Date : 22.01.12

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

Date : 22.01.13

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

● Digestion by restriction enzyme/Concentration calibration

Date : 22.01.13

DNA concentration (O.D.): 284 ng/ul

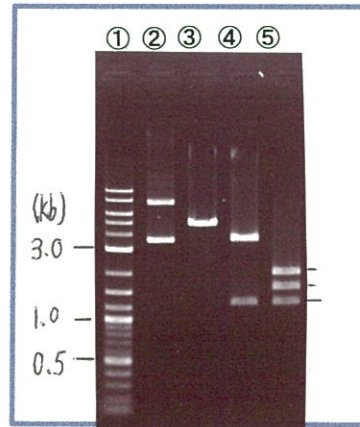
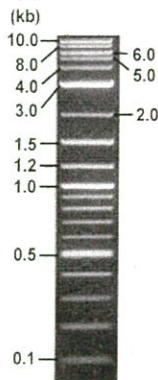
< Size of fragment expected from this clone >

DNA	0.35 ul
Enzyme (BamHI + BglIII)	0.5 + 0.5 ul
Buffer H	1 ul
dH <sub>2</sub> O	7.65 ul
<b>Total</b>	<b>10 ul</b>

BamHI	4.9 kb
BglIII	3.6, 1.3 kb
BamHI + BglIII	1.6kb (Vector)      2.0, 1.3 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



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

● Adjust plasmid DNA solution to 25 ng/ul

Date : 22.01.18

● Confirmation of the insertion sequence

Date : 22.01.17

DNA ( <u>284</u> ng/ul)	<u>86.0</u> ul
10x TE	<u>97.6</u> ul
dH <sub>2</sub> O	<u>793.3</u> ul
<b>Total</b>	<b><u>976.9</u> ul</b>

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 :

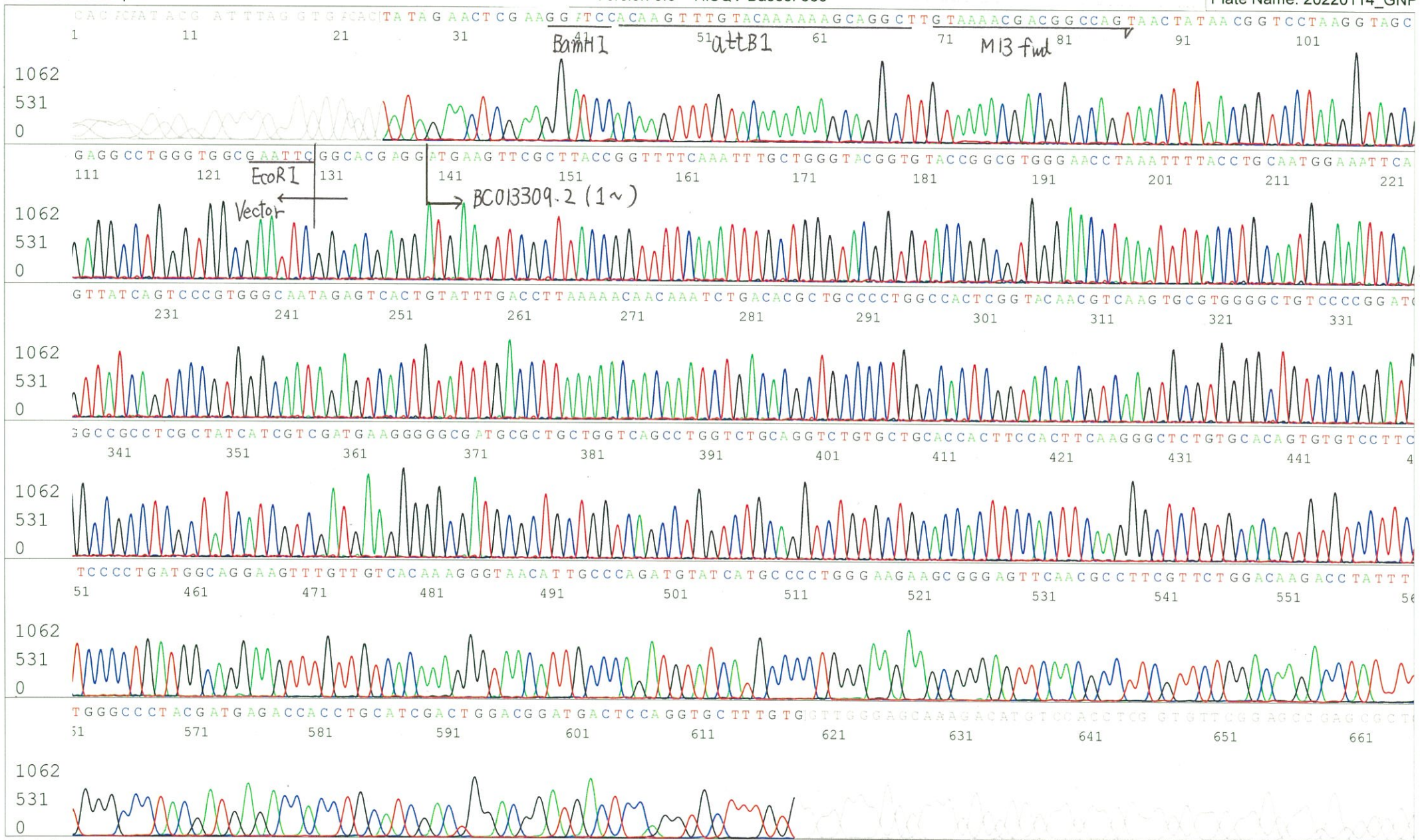
<http://dna.brc.riken.jp/index.html>

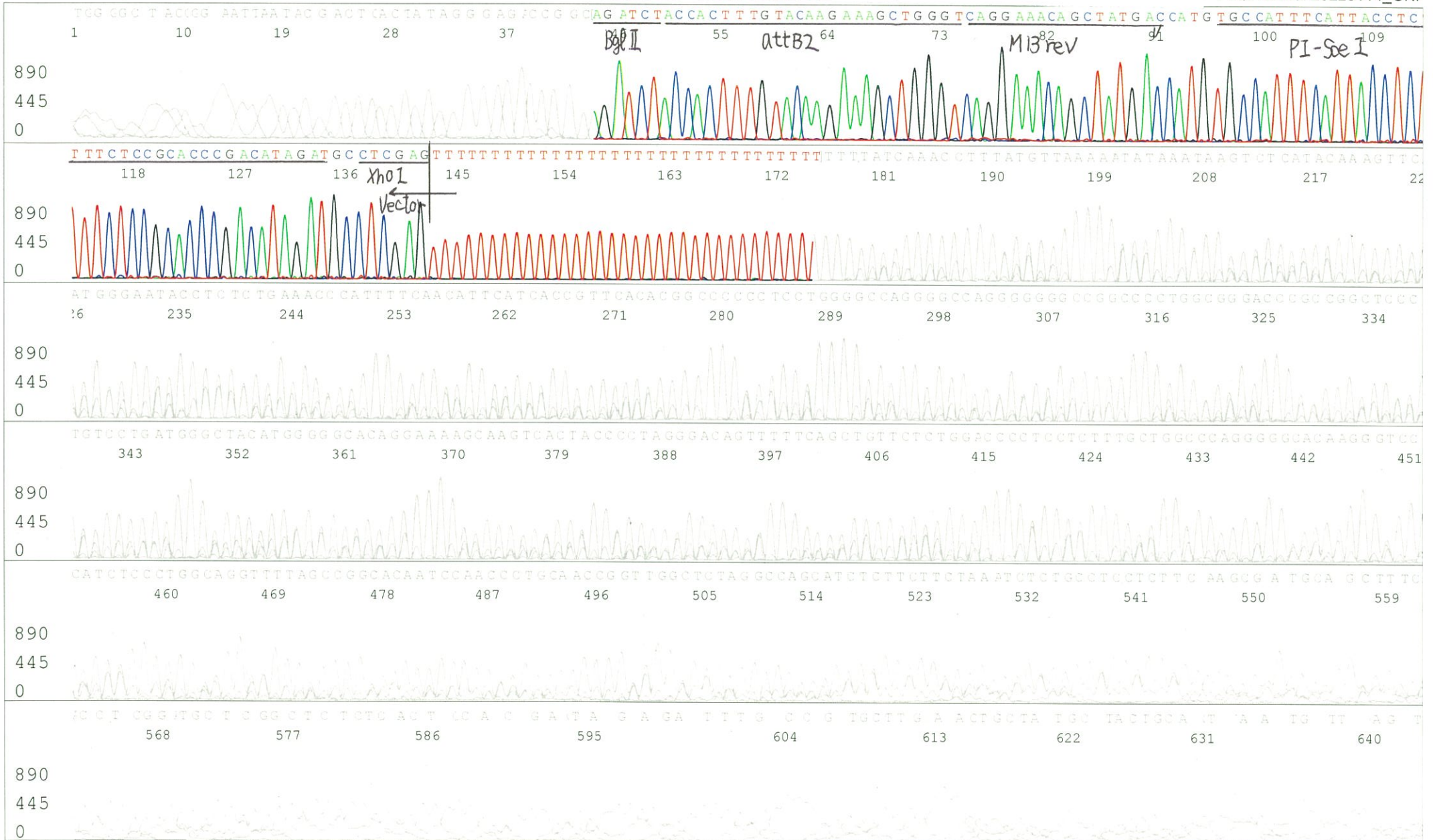


S/N G:372 A:357 T:270 C:346  
KB.bcp  
KB 1.4.1.8 Cap:2

Primer A: pOTB7-F  
5' AACGCGGCTACAATTAATACATAACC 3'

Gray line indicates quality value  
(QV) < 40.





S/N G:168 A:115 T:70 C:10 Primer C : Poly(A) region primer #0

7566\_IRAL011O11\_B2Ab\_GNPmixture

Jan 14,2022 10:32AM, JST

KB.bcp

KB\_3500\_POP7\_BDTv3.mob

Gray line indicates quality value

Jan 14,2022 10:47AM, JST

KB 1.4.1.8 Cap:8

5' TTTTTTTTTTTTTTTTTTTTTTVNN 3'

Pts 1865 to 8706 Pk1 Loc:1833

(QV) < 40.

Spacing:10.56 Pts/Panel1350

Version 6.0 HiSQV Bases: 645

Plate Name: 20220114\_GNP

