

RIKEN Clone ID : IRAL018K16

Lot#: 7566_B2K9

Vector : pOTB7

Gene	HERPUD2	
Accession No.	BC005091.1	2311 bp
	CDS	1221 bp

● Plasmid DNA purification

Date : 22-11-17

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

Date : 22-11-18

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 22.11.18

DNA concentration (O.D.): 315 ng/ul

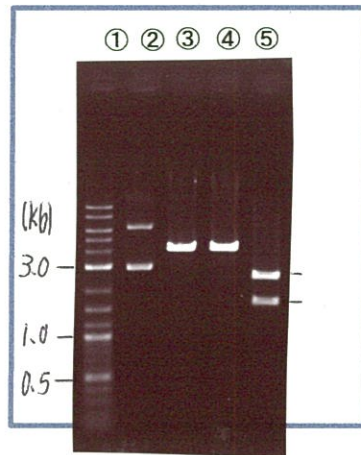
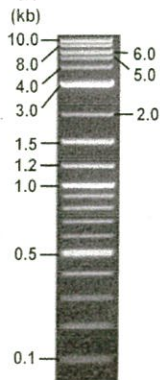
< Size of fragment expected from this clone >

DNA	0.3 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.7 ul
Total	10 ul

BamHI	4.1 kb
BglII	4.1 kb
BamHI + BglII	1.6kb (Vector) 2.5 kb

Erectrophoresis : 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 : 22,11,25

● Confirmation of the insertion sequence

Date : 22.11.24

DNA (315 ng/ul)	80.0 ul
10x TE	100.8 ul
dH ₂ O	827.2 ul
Total	1008.0 ul

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/μl, Volume : 40 μl

Conc. : ~~ng/μl~~, Volume : ~~μl~~

APPROVED BY :

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



S/N G:254 A:287 T:210 C:441

Primer A: pOTB7-F

7566_IRAL018K16_B2K9_3_pOTB7_F

Nov 22, 2022 10:00AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Nov 22, 2022 10:21AM, JST

KB 1.4.1.8 Cap:2

5' AACGCGGCTACAATTAATACATAACC 3'

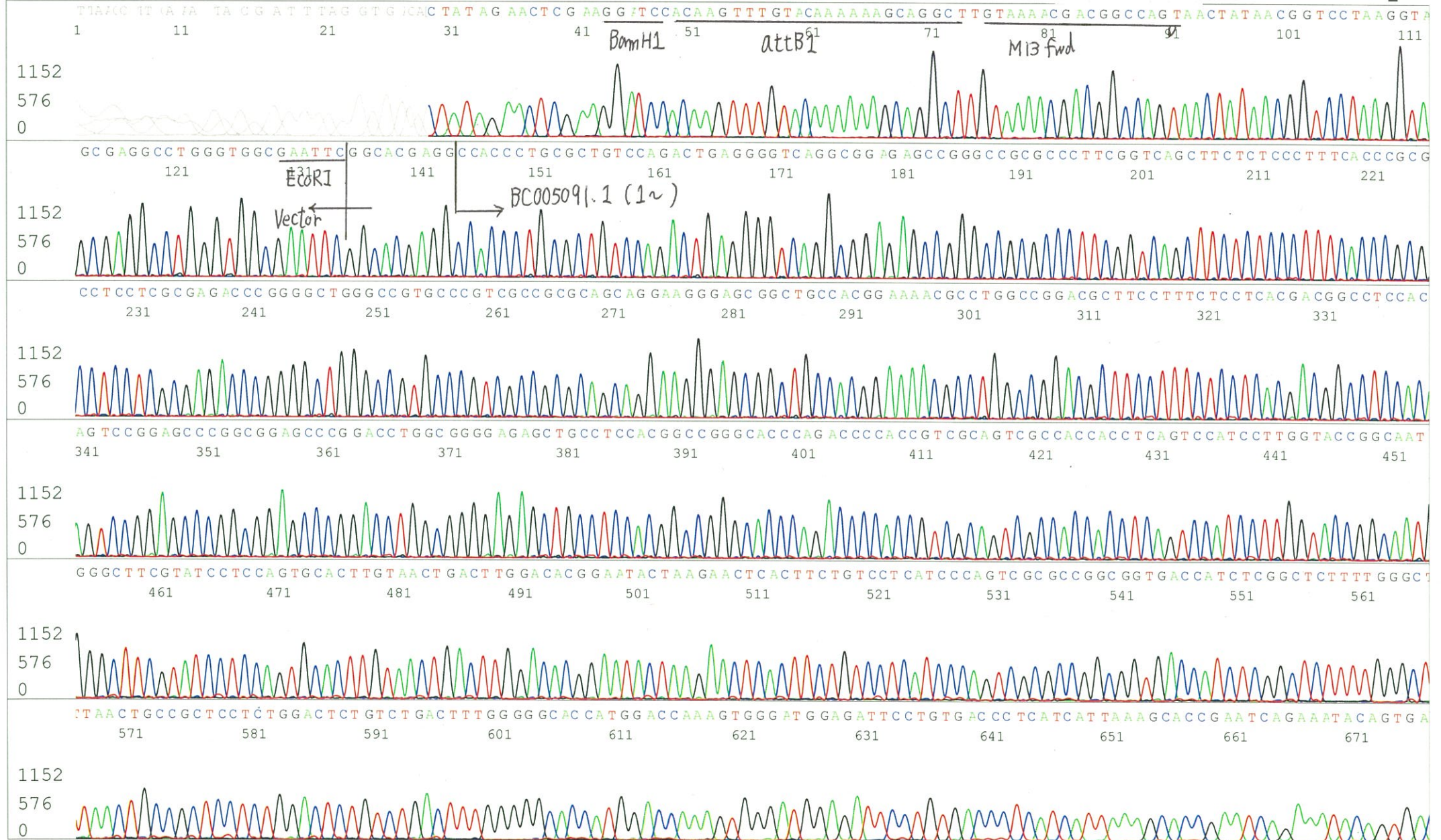
Pts 1619 to 12361 PK1 Loc:1602

(QV) < 40.

Spacing:13.56 Pts/Panel1350

Version 6.0 HiSQV Bases: 813

Plate Name: 20221122_GNP



S/N G:182 A:266 T:200 C:271

Primer B: pOTB7-R

7566_IRAL018K16_B2K9_3_pOTB7_R

Nov 22,2022 10:00AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Nov 22,2022 10:21AM, JST

KB 1.4.1.8 Cap:5

5' GTACTGCAGCCGATTCATTAATGC 3'

Pts 1599 to 12263 PK1 Loc:1582

(QV) < 40.

Spacing:13.58 Pts/Panel1350

Version 6.0 HiSQV Bases: 714

Plate Name: 20221122_GNP

