

RIKEN Clone ID : IRAL019H24

Lot#: 7566_B2K9

Vector : pDNR-LIB

Gene	CGRRF1	
Accession No.	BC015063.1	1308 bp
	<i>CDS</i>	999 bp

● Plasmid DNA purification

Date : 22.11.14

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

Date : 22.11.15

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 22.11.16

DNA concentration (O.D.): 283 ng/ul

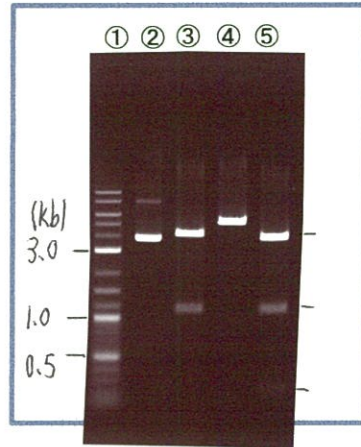
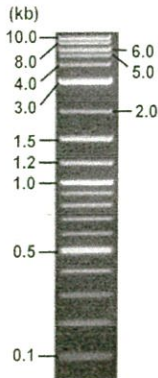
< Size of fragment expected from this clone >

DNA	0.35 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH ₂ O	7.65 ul
Total	10 ul

EcoRI	4.1, 1.1 kb
XhoI	5.2 kb
EcoRI + XhoI	3.9kb (Vector) 1.1, 0.2 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



- ①:Marker
- ②:uncut
- ③:EcoRI
- ④:XhoI
- ⑤:EcoRI + XhoI

● Adjust plasmid DNA solution to 25 ng/ul

Date : 22.11.22

● Confirmation of the insertion sequence

Date : 22.11.21

DNA (283 ng/ul)	82.0 ul
10x TE	92.8 ul
dH ₂ O	753.4 ul
Total	928.2 ul

Primer A	T7 long
Primer B	M13 Reverse
Primer C	poly(A) region primer #0
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:217 A:336 T:232 C:29

Primer A : T7 long

7566_IRAL019H24_B2K9_T7long

Nov 17,2022 10:57AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Nov 17,2022 11:19AM, JST

KB 1.4.1.8 Cap:11

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

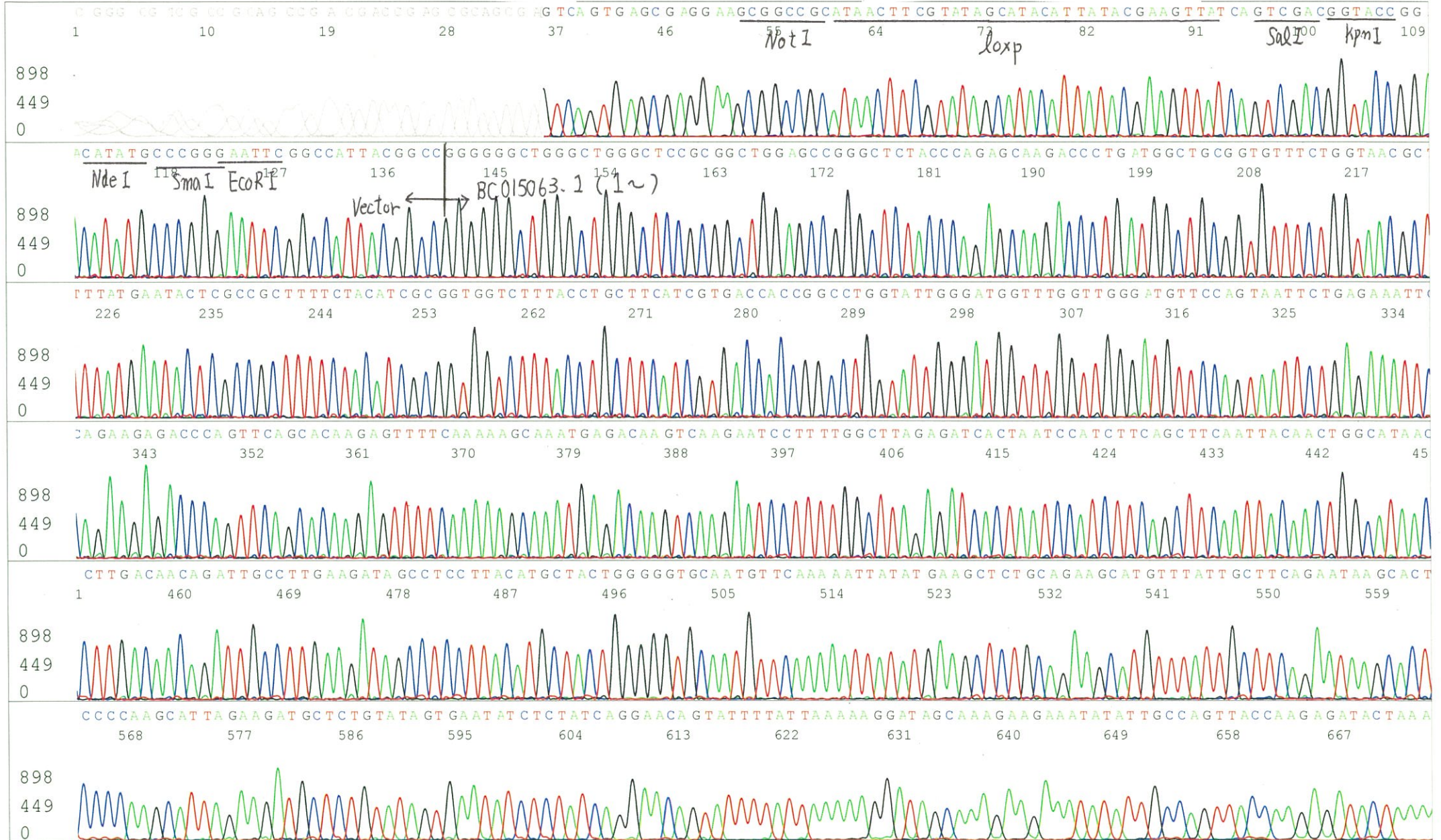
Pts 1553 to 12102 Pk1 Loc:1536

(QV) < 40.

Spacing:13.32 Pts/Panel1350

Version 6.0 HiSQV Bases: 811

Plate Name: 20221117_GNP



S/N G:70 A:114 T:91 C:98

Primer C : Poly(A) region primer #0

7566_IRAL019H24_B2K9_GNPmixture

Nov 17,2022 10:57AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Nov 17,2022 11:19AM, JST

KB 1.4.1.8 Cap:17

5' TTTTTTTTTTTTTTTTTTTTTT VNN 3'

Pts 1549 to 12143 Pk1 Loc:1532

(QV) < 40.

Spacing:13.38 Pts/Panel1350

Version 6.0 HiSQV Bases: 817

Plate Name: 20221117_GNP

