

RIKEN Clone ID : IRAL009H16

Vector : pOTB7

Gene	NDRG1	
Accession No.	BC003175.1	3022 bp
	<i>CDS</i>	1185 bp

● Plasmid DNA purification

Date : 180215

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

Date : 180216

Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 180216

DNA concentration (O.D.): 50 ng/ul

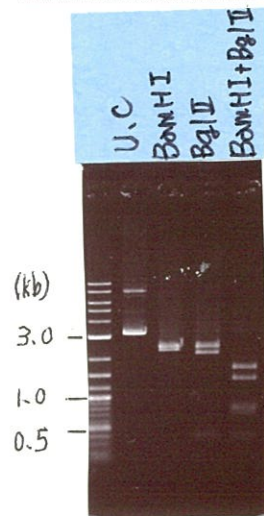
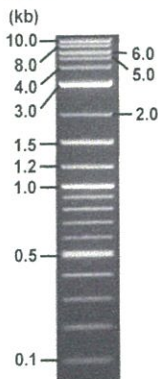
< Size of fragment expected from this clone >

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

BamHI	2.3, 2.3, 0.1 kb
BglII	2.3, 2.1, 0.3 kb
BamHI + BglII	1.6kb (Vector) 1.3, 0.7, 0.7, 0.3, 0.1 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 180223

● Confirmation of the insertion sequence

Date : 180223

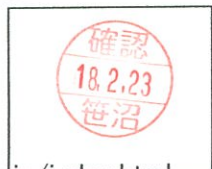
DNA (<u>50</u> ng/ul)	<u>86.0</u> ul
10x TE	<u>17.2</u> ul
dH ₂ O	<u>68.8</u> ul
Total	<u>172.0</u> ul

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/ul, Volume : 40 ul

Conc. : ng/ul, Volume : ul



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

S/N G:55 A:59 T:46 C:80

Primer A: pOTB7-F

IRAL009H16_1_A8B9_pOTB7_F

Feb 23, 2018 09:59AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Feb 23, 2018 10:13AM, JST

KB 1.4.1.8 Cap:1

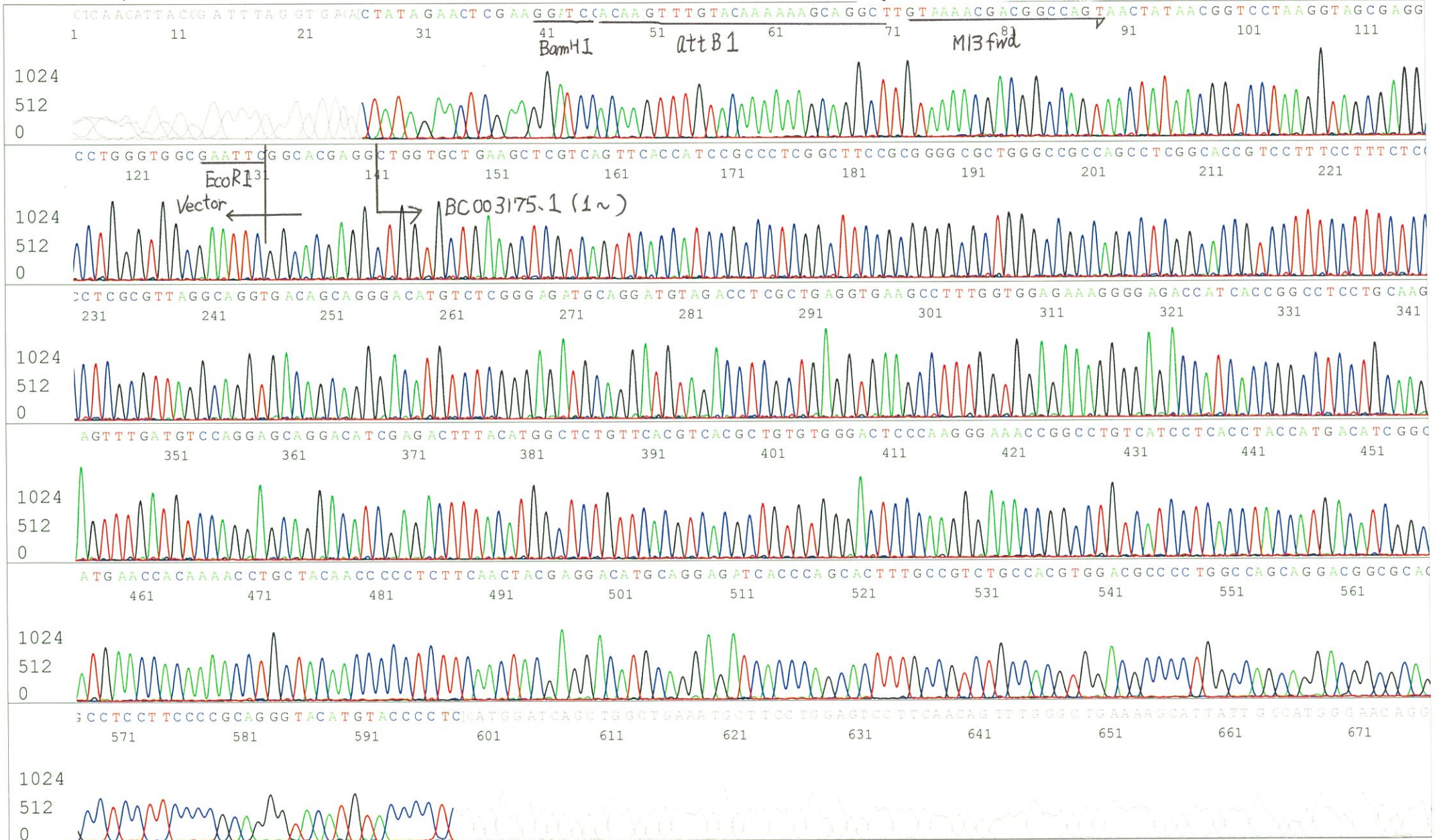
5' AACGCGGCTACAATTAATACATAACC 3'

Pts 1762 to 8704 Pk1 Loc:1730

Version 6.0 HiSQV Bases: 714 (QV) < 40.

Spacing:10.72 Pts/Panel1350

Plate Name: 20180223_GNP



S/N G:67 A:102 T:74 C:122

Primer B: pOTB7-R

IRAL009H16_1_A8B9_pOTB7_R

Feb 23, 2018 09:59AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Feb 23, 2018 10:13AM, JST

KB 1.4.1.8 Cap:2

5' GTACTGCAGCCGATTTCATTAATGC 3'

Pts 1755 to 8704 Pk1 Loc:1723

(QV) < 40.

Spacing:10.69 Pts/Panel1350

Plate Name: 20180223_GNP

