

RIKEN Clone ID : IRAL057N05

Lot#: 7566_A7H3

Vector : pDNR-LIB

Gene	CLDN2	
Accession No.	BC071747.1	1618 bp
	<i>CDS</i>	693 bp

● Plasmid DNA purification

Date : 170808

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

Date : 170809

Purification : QIAGEN Miniprep kit -> dH₂O 100 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 170809

DNA concentration (O.D.): 185 ng/ul

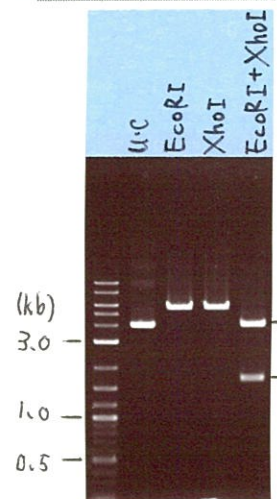
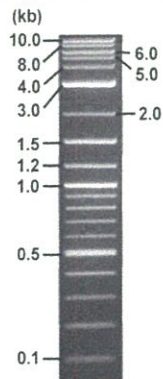
< Size of fragment expected from this clone >

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

EcoRI	5.6 kb
XhoI	5.6 kb
EcoRI + XhoI	3.9kb (Vector) 1.7 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

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



● Adjust plasmid DNA solution to 25 ng/ul

Date : 170821

DNA (<u>185</u> ng/ul)	<u>82.0</u> ul
10x TE	<u>60.6</u> ul
dH ₂ O	<u>464.2</u> ul
Total	<u>606.8</u> ul

● Confirmation of the insertion sequence

Date : 170817

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:36 A:30 T:35 C:49

IRAL057N05_A7H3_1_T7long

Aug 17, 2017 11:27PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Aug 17, 2017 11:41PM, JST

KB 1.4.1.8 Cap:1

Primer A : T7 long

Pts 1694 to 8681 Pk1 Loc:1662

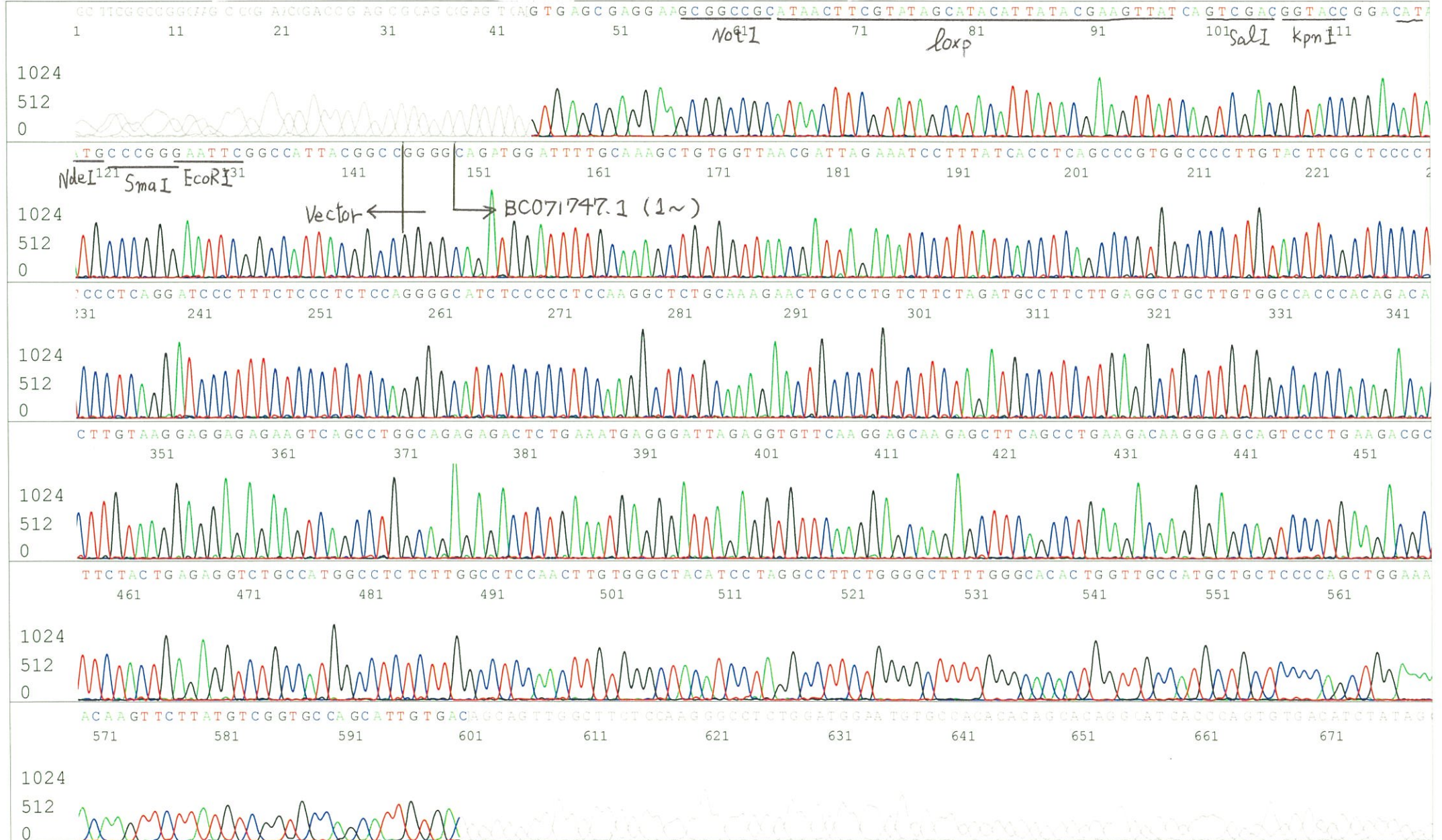
(QV) < 40.

Spacing:10.61 Pts/Panel1350

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

Version 6.0 HiSQV Bases: 708

Plate Name: 20170817_MGE_GNP



S/N G:37 A:31 T:37 C:32

Primer B : M13 Reverse

IRAL057N05_A7H3_1_M13reverse

KB_3500_POP7_BDTv3.mob Gray line indicates quality value

Aug 17,2017 11:27PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Aug 17,2017 11:41PM, JST

KB 1.4.1.8 Cap:2

5' AAACAGCTATGACCATGTTCA 3'

Pts 1677 to 8579 Pk1 Loc:1645

(QV) < 40.

Spacing:10.53 Pts/Panel1350
late Name: 20170817_MGE_GNP

