Genome Network Project_Full -Length cDNA clone

Gene Engineering Division RIKEN BRC

RIKEN_Clone_ID : IRAL032M14

Lot#: 7566_A8Kd

Vector : pDNR-LIB

Gene	C11orf10	
Accession No.	BC015968.1	440 bp
	CDS	240 bp

● Plasmid DNA purification

Date : 181114

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

Date : 181116

Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 181116

DNA concentration (O.D.): 132 ng/ul

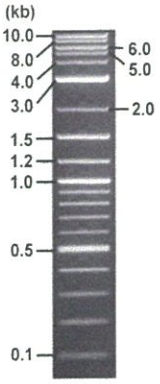
DNA	0.8 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.2 ul
Total	10 ul

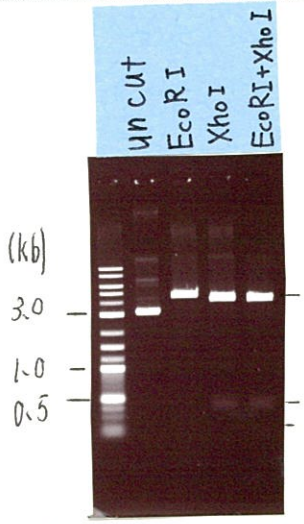
< Size of fragment expected from this clone >

EcoRI	4.4 kb	
XhoI	4.0 , 0.4 kb	
EcoRI + XhoI	3.9kb (Vector)	0.4, 0.1 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





● Adjust plasmid DNA solution to 25 ng/ul

Date : 181121

DNA (132 ng/ul)	86.0	ul
10x TE	45.4	ul
dH_2O	322.6	ul
Total	454.0	ul

● Confirmation of the insertion sequence

Date : 181119

Primer A	T7 long
Primer B	M13 Reverse
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

☑ Conc. : 25 ng/ μ l, Volume : 40 μ l

☐ ~~Conc. : ng/ μ l, Volume : μ l~~

確認 18.11.19 笹沼

APPROVED BY :

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

Applied Biosystems

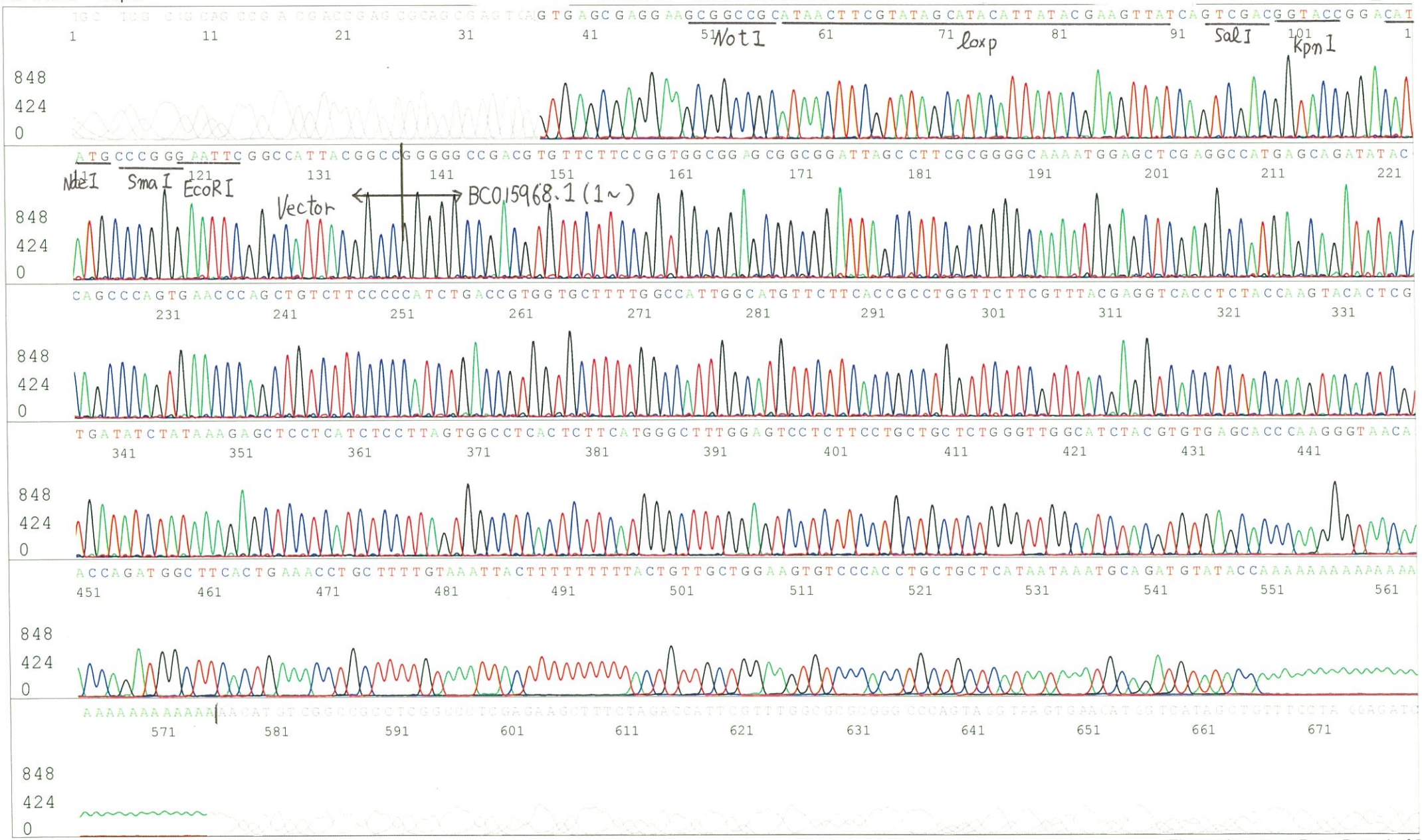
S/N G:307 A:241 T:220 C:43
KB.bcp
KB 1.4.1.8 Cap:5

Primer A : T7 long
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

IRAL032M14_A8Kd_T7long_B02_05_ABI24
IRAL032M14_A8Kd_T7long
KB_3500_POP7_BDTv3.mob
Pts 1768 to 8707 Pk1 Loc:1736
Version 6.0 HiSQV Bases: 691

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Nov 19,2018 09:53AM, JST
Nov 19,2018 10:24AM, JST
Spacing:10.82 Pts/Panel1350
Plate Name: 20181119_GNP



Applied Biosystems

S/N G:200 A:176 T:145 C:214
KB.bcp
KB 1.4.1.8 Cap:8

Primer B : M13 Reverse
5' AAACAGCTATGACCATGTTCA 3'

IRAL032M14_A8Kd_M13 Reverse_C02_08_ABI24
IRAL032M14_A8Kd_M13 Reverse
KB_3500_POP7_BDTv3.mob
Pts 1729 to 8707 Pk1 Loc:1697
Version 6.0 HiSQV Bases: 638

Inst Model/Name 3500/3500 Instrument
Nov 19,2018 09:53AM, JST
Nov 19,2018 10:24AM, JST
Spacing:10.82 Pts/Panel1350
Plate Name: 20181119_GNP

