RIKEN_Clone_ID : IRAL044P04

Lot#: 7566_B2Ab

Vector : pOTB7

Gene	C21orf45	
Accession No.	BC042917.1	832 bp
CDS		702 bp

● Plasmid DNA purification

Date : 22.01.12　　Culture : LB (25 ug/ml Chloramphenicol) 5 ml -> at 37 deg C over night

Date : 22.01.13　　Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 22.01.13

DNA concentration (O.D.): 218 ng/ul

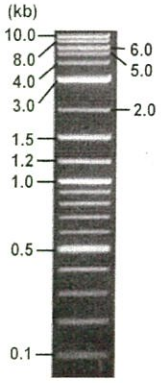
DNA	0.5 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.5 ul
Total	10 ul

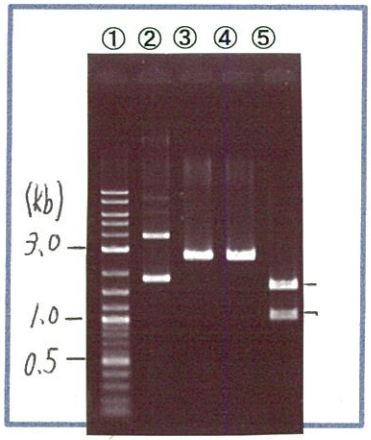
< Size of fragment expected from this clone >

BamHI	2.6 kb	
BglII	2.6 kb	
BamHI + BglII	1.6kb (Vector)	1.0 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 : 22.01.18

DNA (218 ng/ul)	85.0	ul
10x TE	74.1	ul
dH_2O	582.1	ul
Total	741.2	ul

● Confirmation of the insertion sequence

Date : 22.01.17

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~~

確認 22.1.17 池沼

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

Applied Biosystems

S/N G:343 A:316 T:174 C:264
KB.bcp
KB 1.4.1.8 Cap:10

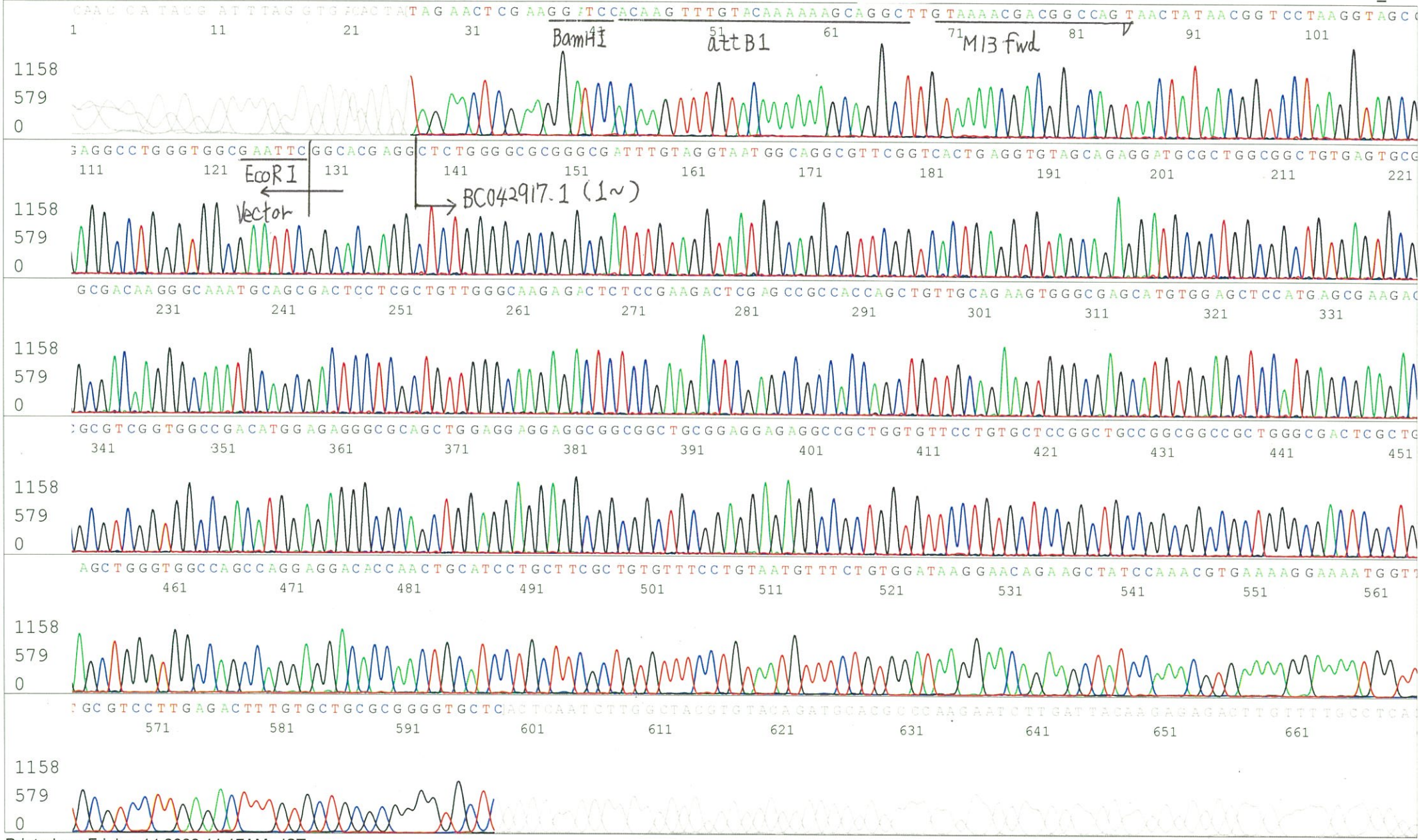
Primer A: pOTB7-F

5' AACGCGGCTACAATTAATACATAACC 3'

7566_IRAL044P04_B2Ab_pOTB7_F_D01_10_ABI24
7566_IRAL044P04_B2Ab_pOTB7_F
KB_3500_POP7_BDTv3.mob
Pts 1873 to 8706 Pk1 Loc:1841
Version 6.0 HiSQV Bases: 683

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jan 14,2022 10:32AM, JST
Jan 14,2022 10:47AM, JST
Spacing:10.58 Pts/Panel1350
Plate Name: 20220114_GNP



Applied Biosystems

S/N G:351 A:459 T:268 C:340 Primer B: pOTB7-R
KB.bcp
KB 1.4.1.8 Cap:13
5' GTACTGCAGCCGATTCATTAATGC 3'

7566_IRAL044P04_B2Ab_pOTB7_R_E01_13_ABI24
7566_IRAL044P04_B2Ab_pOTB7_R
KB_3500_POP7_BDTv3.mob
Pts 1862 to 8706 Pk1 Loc:1830
Version 6.0 HiSQV Bases: 653

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jan 14,2022 10:32AM, JST
Jan 14,2022 10:47AM, JST
Spacing:10.57 Pts/Panel1350
Plate Name: 20220114_GNP

