RIKEN_Clone_ID : IRAL024J19

Lot#: 7566_B0Kj

Vector : pOTB7

Gene	VIM	
Accession No.	BC030573.2	1591 bp
	CDS	1401 bp

● Plasmid DNA purification

Date : 20.11.19　　Culture : LB (25 ug/ml Chloramphenicol) 5 ml -> at 37 deg C over night

Date : 20.11.20　　Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 20.11.20

DNA concentration (O.D.): 259 ng/ul

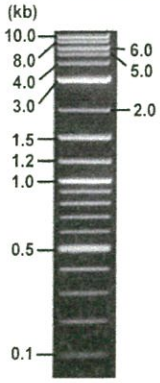
DNA	0.4 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.6 ul
Total	10 ul

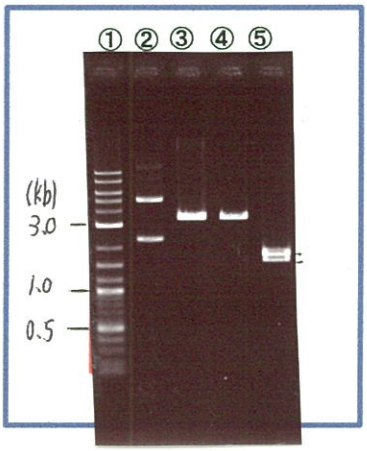
< Size of fragment expected from this clone >

BamHI	3.4 kb	
BglII	3.4 kb	
BamHI + BglII	1.6kb (Vector)	1.8 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 : 20.12.01

DNA (259 ng/ul)	90.0	ul
10x TE	93.2	ul
dH_2O	749.2	ul
Total	932.4	ul

● Confirmation of the insertion sequence

Date : 20.11.30

Primer A	pOTB7_F
Primer B	pOTB7_R
Primer C	poly(A) region primer #0
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 20.11.30 笹沼

APPROVED BY :

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

Applied Biosystems

S/N G:69 A:63 T:40 C:90
KB.bcp
KB 1.4.1.8 Cap:2

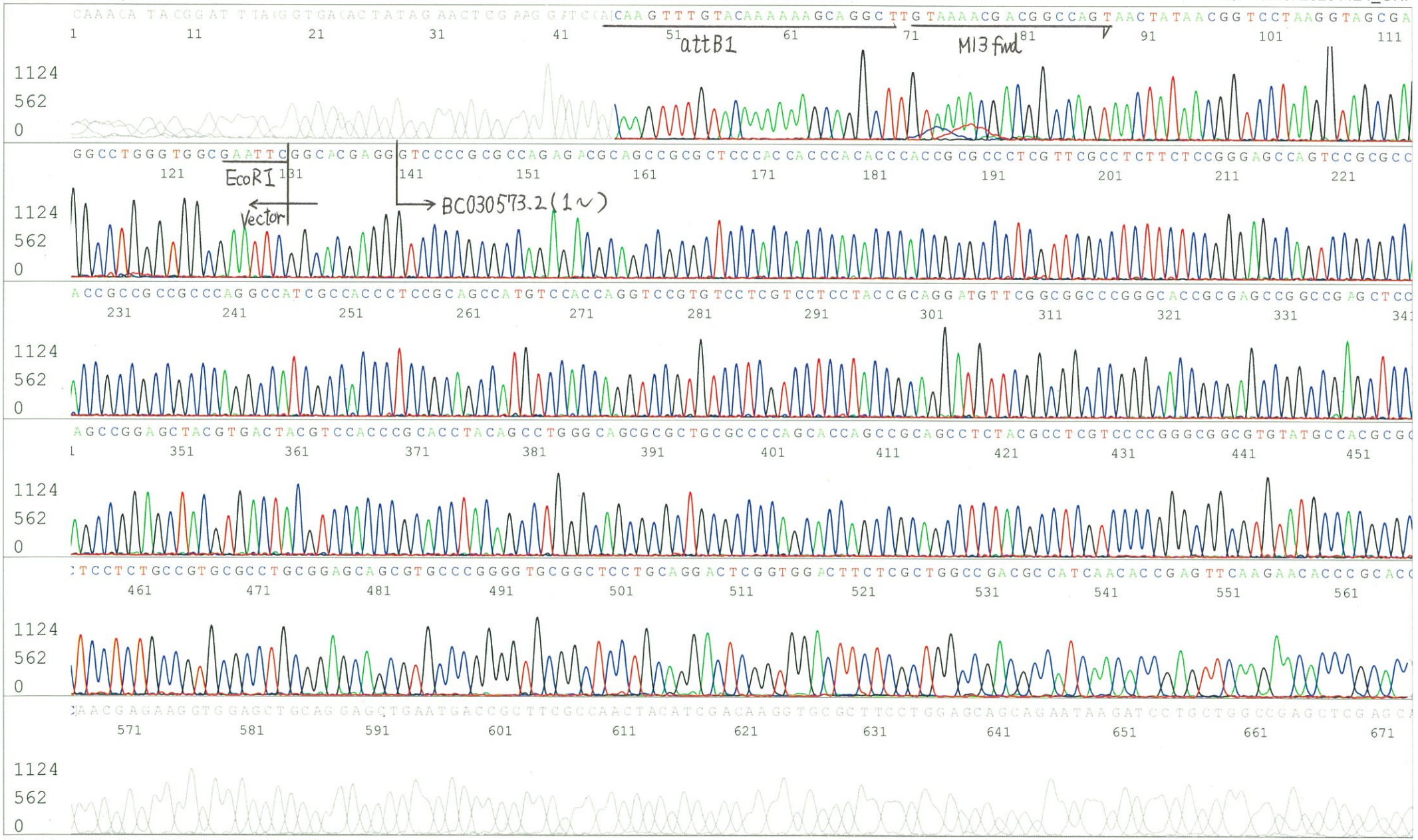
Primer A: pOTB7-F

5' AACGCGGCTACAATTAATACATAACC 3'

7566_IRAL024J19_B0Kj_pOTB7-F_A02_02_ABI24
7566_IRAL024J19_B0Kj_pOTB7-F
KB_3500_POP7_BDTv3.mob
Pts 1791 to 8706 Pk1 Loc:1759
Version 6.0 HiSQV Bases: 654

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Nov 24,2020 09:40AM, JST
Nov 24,2020 09:55AM, JST
Spacing:10.6 Pts/Panel1350
Plate Name: 20201124_GNP



Applied Biosystems

S/N G:202 A:199 T:179 C:191
KB.bcp
KB 1.4.1.8 Cap:5

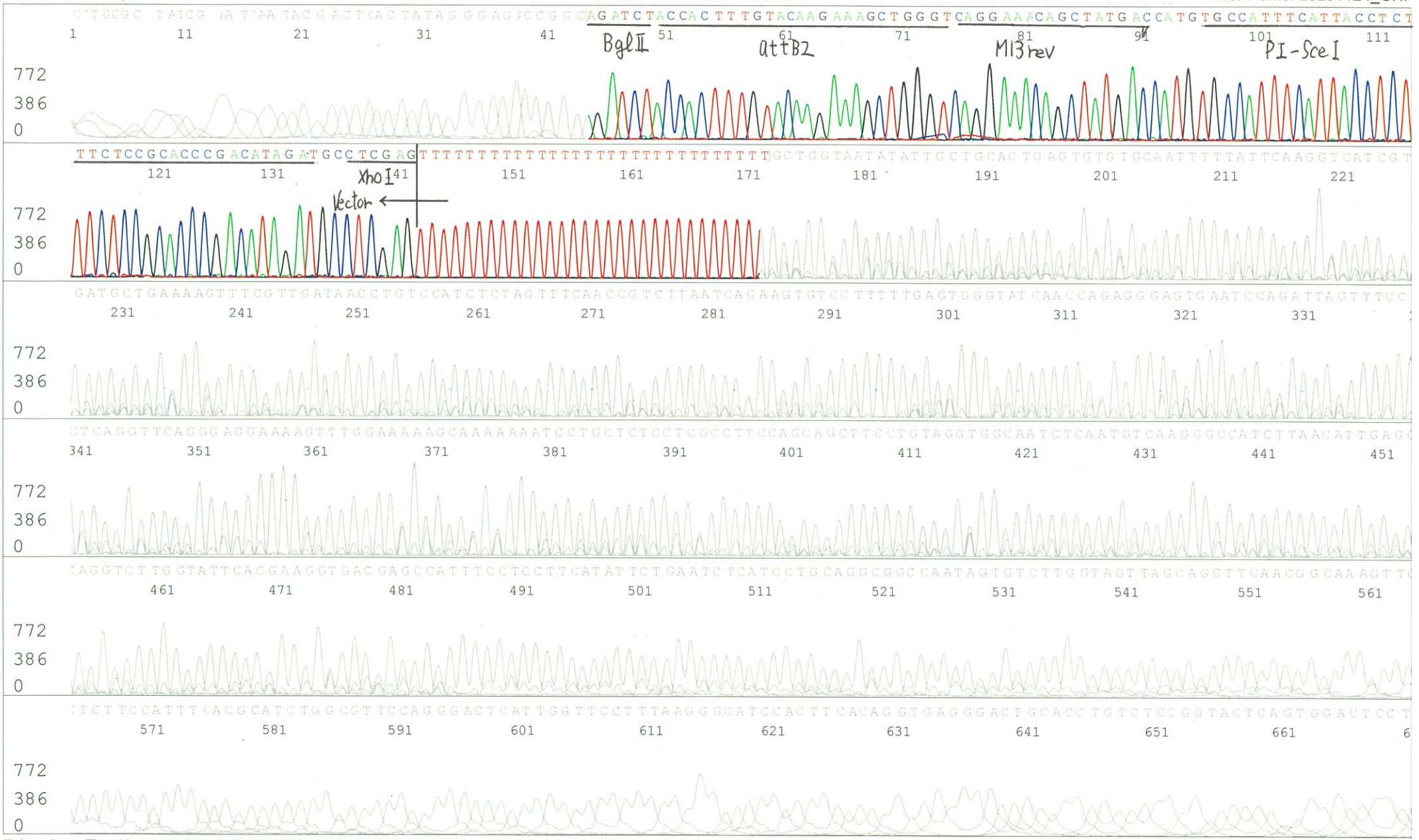
Primer B: pOTB7-R

5' GTACTGCAGCCGATTCATTAATGC 3'

7566_IRAL024J19_B0Kj_pOTB7-R_B02_05_ABI24
7566_IRAL024J19_B0Kj_pOTB7-R
KB_3500_POP7_BDTv3.mob
Pts 1792 to 8706 Pk1 Loc:1760
Version 6.0 HiSQV Bases: 482

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Nov 24,2020 09:40AM, JST
Nov 24,2020 09:55AM, JST
Spacing:10.69 Pts/Panel1350
Plate Name: 20201124_GNP



Applied Biosystems

7566_IRAL024J19_B0Kj_GNP Mixture_C02_08_ABI24
7566_IRAL024J19_B0Kj_GNP Mixture
KB_3500_POP7_BDTv3.mob
Pts 1787 to 8706 Pk1 Loc:1755
Version 6.0 HiSQV Bases: 654

Inst Model/Name 3500/3500 Instrument
Nov 24,2020 09:40AM, JST
Nov 24,2020 09:55AM, JST
Spacing:10.52 Pts/Panel1350
Plate Name: 20201124_GNP

S/N G:28 A:23 T:21 C:23
KB.bcp
KB 1.4.1.8 Cap:8

Primer C : Poly(A) region primer #0

5' TTTTTTTTTTTTTTTTTTTTTNNN 3'

Gray line indicates quality value (QV) < 40.

