Genome Network Project_Full -Length cDNA clone　　Gene Engineering Division RIKEN BRC

RIKEN_Clone_ID : IRAL042G18

Lot#: 7566_B1Ca

Vector : pOTB7

Gene	HLA-DRB1	
Accession No.	BC024269.1	1177 bp
	CDS	801 bp

● Plasmid DNA purification

Date : 21.03.10　　Culture : LB (25 ug/ml Chloramphenicol) 5 ml -> at 37 deg C over night

Date : 21.03.11　　Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 21.03.11

DNA concentration (O.D.): 228 ng/ul

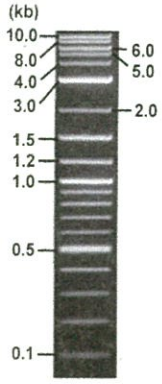
DNA	0.4 ul
Enzyme (BamHI + BglII)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.6 ul
Total	10 ul

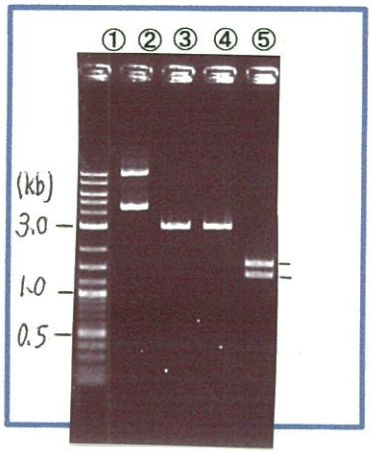
< Size of fragment expected from this clone >

BamHI	3.0 kb	
BglII	3.0kb	
BamHI + BglII	1.6kb (Vector)	1.4 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 : 21.03.15

DNA (228 ng/ul)	88.0	ul
10x TE	80.2	ul
dH_2O	634.3	ul
Total	802.5	ul

● Confirmation of the insertion sequence

Date : 21.03.12

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~~

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

確認 21.3.12 笹沼

Applied Biosystems

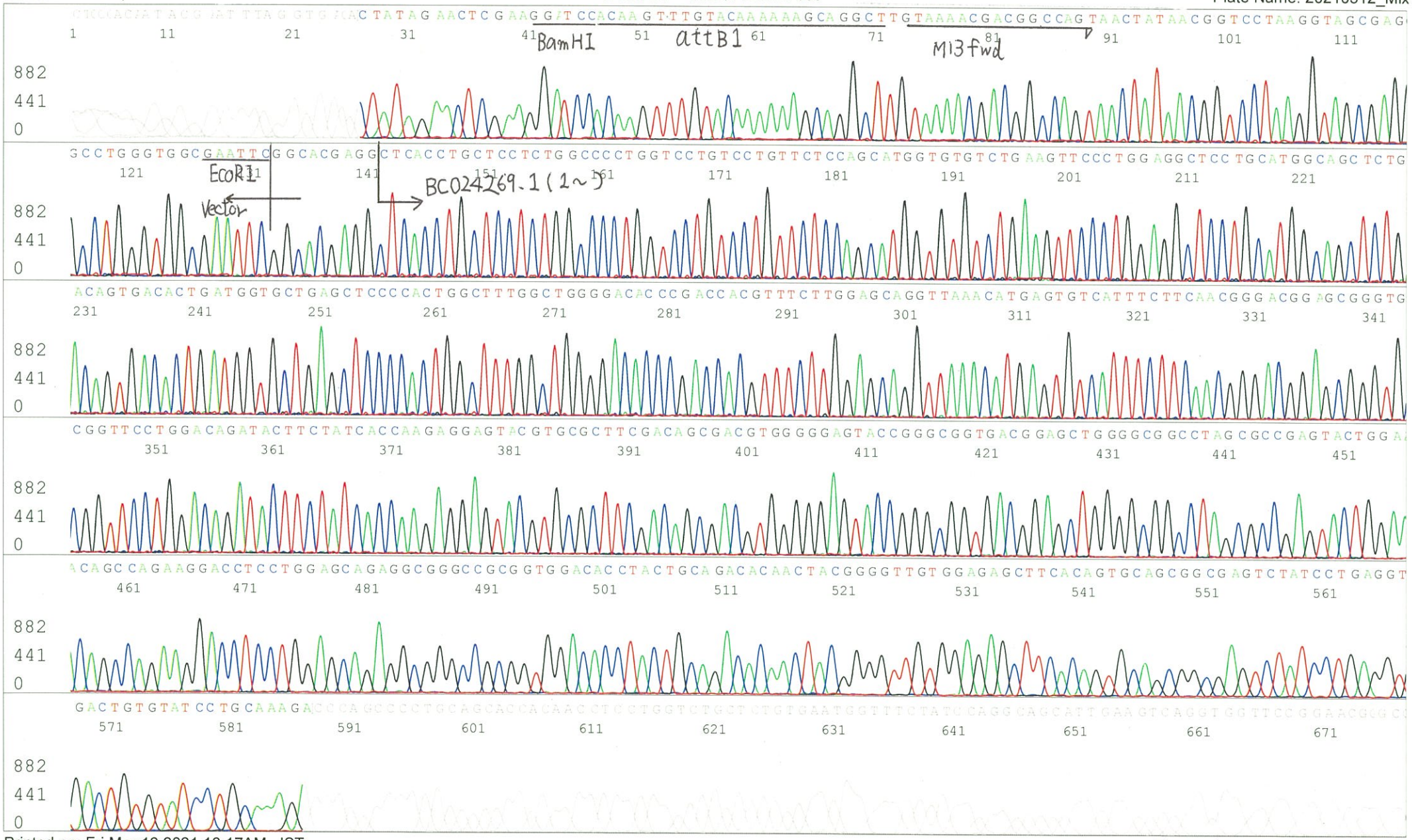
S/N G:176 A:161 T:106 C:160
KB.bcp
KB 1.4.1.8 Cap:2

Primer A: pOTB7-F
5' AACGCGGCTACAATTAATACATAACC 3'

7566_IRAL042G18_B1Ca_pOTB7_F_A02_02_ABI24
7566_IRAL042G18_B1Ca_pOTB7_F
KB_3500_POP7_BDTv3.mob
Pts 1752 to 8706 Pk1 Loc:1720
Version 6.0 HiSQV Bases: 660

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Mar 12,2021 09:37AM, JST
Mar 12,2021 09:52AM, JST
Spacing:10.78 Pts/Panel1350
Plate Name: 20210312_Mix



Applied Biosystems

S/N G:49 A:55 T:32 C:42
KB.bcp
KB 1.4.1.8 Cap:5

Primer B: pOTB7-R
5' GTACTGCAGCCGATTCATTAATGC 3'

7566_IRAL042G18_B1Ca_pOTB7_R_B02_05_ABI24
7566_IRAL042G18_B1Ca_pOTB7_R
KB_3500_POP7_BDTv3.mob
Pts 1751 to 8706 Pk1 Loc:1719
Version 6.0 HiSQV Bases: 651

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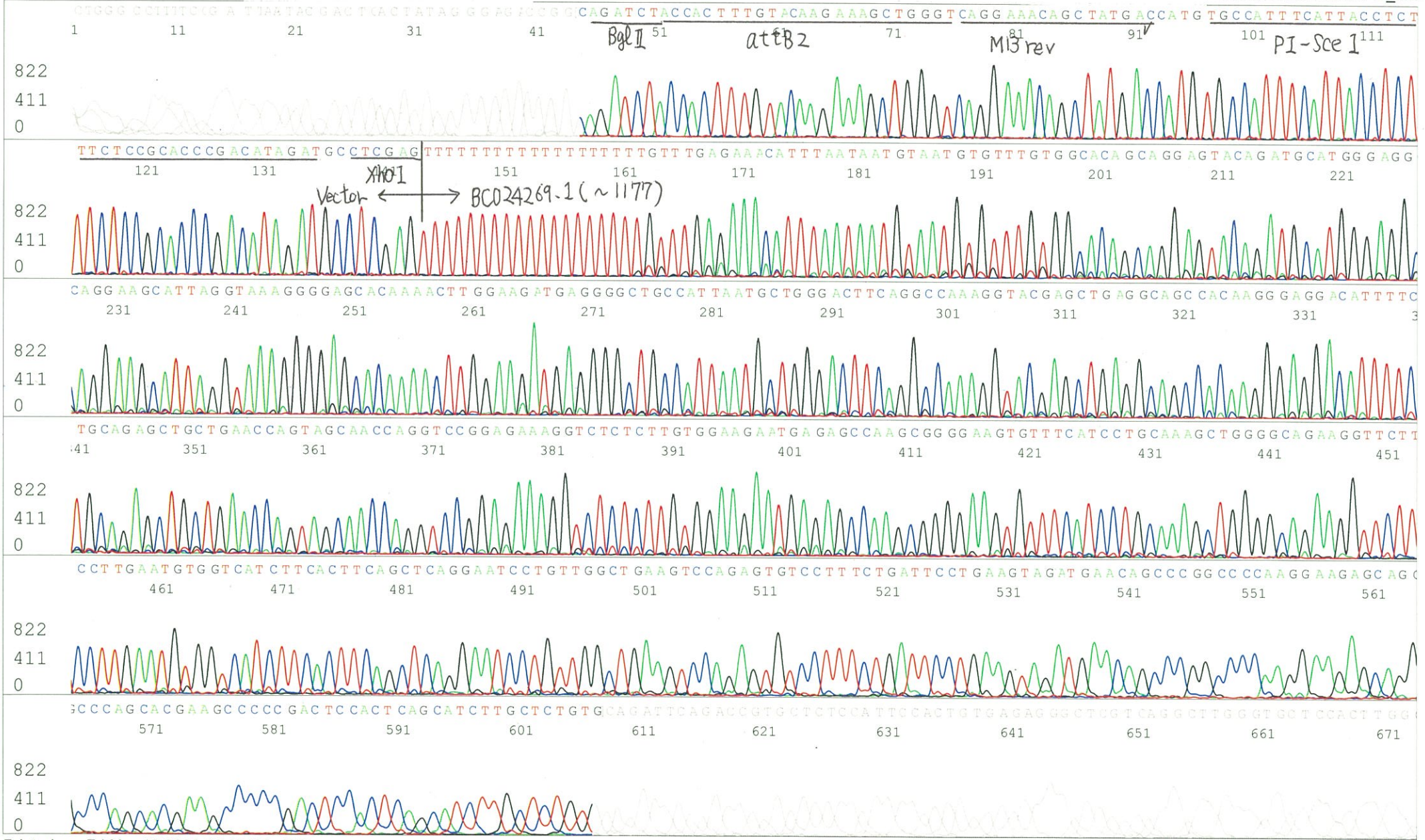
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