Genome Network Project_Full -Length cDNA clone

Gene Engineering Division RIKEN BRC

RIKEN_Clone_ID : IRAK026J12

Lot#: 7893_B1L6

Vector : pCMV-SPORT6

Gene	HLA-DMB	
Accession No.	BC027175.1	1291 bp
	CDS	792 bp

● Plasmid DNA purification

Date : 21.12.06

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 21.12.07

Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 21.12.07

DNA concentration (O.D.): 313 ng/ul

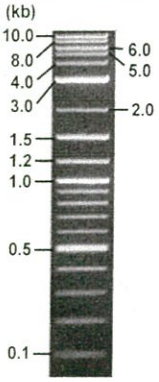
DNA	0.3 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.7 ul
Total	10 ul

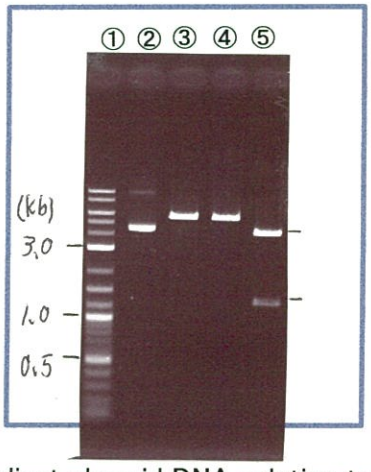
< Size of fragment expected from this clone >

EcoRI	5.6 kb	
XhoI	5.6 kb	
EcoRI + XhoI	4.3kb (Vector)	1.3 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





①:Marker
②:uncut
③:EcoRI
④:XhoI
⑤:EcoRI + XhoI

● Adjust plasmid DNA solution to 25 ng/ul

Date : 21.12.8

DNA (313 ng/ul)	90.0	ul
10x TE	112.6	ul
dH_2O	924.2	ul
Total	1126.8	ul

● Confirmation of the insertion sequence

Date : 21.12.07

Primer A	Reverse2
Primer B	M13
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 21.12.07 進沿

APPROVED BY :

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

Applied Biosystems

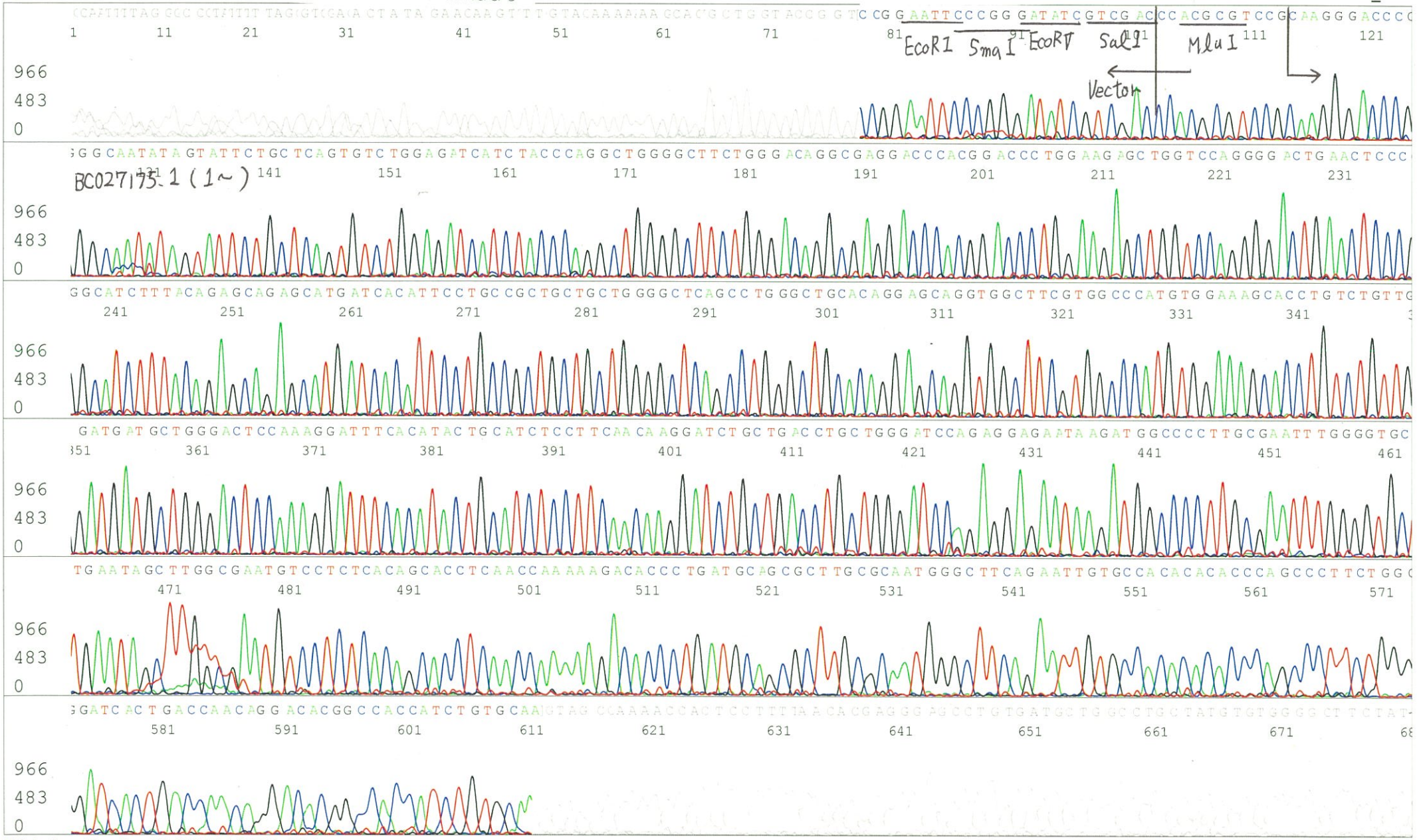
S/N G:14 A:15 T:11 C:17
KB.bcp
KB 1.4.1.8 Cap:6

Primer A : Reverse2
5' GCGGATAACAATTTCACACAGG 3'

7893_IRAK026J12_B1L6_Reverse2_F01_06_ABI08
7893_IRAK026J12_B1L6_Reverse2
KB_3500_POP7_BDTv3.mob
Pts 1667 to 8703 Pk1 Loc:1635
Version 6.0 HiSQV Bases: 628

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Dec 07,2021 03:25PM, JST
Dec 07,2021 03:40PM, JST
Spacing:10.67 Pts/Panel1350
Plate Name: 20211207_GNP

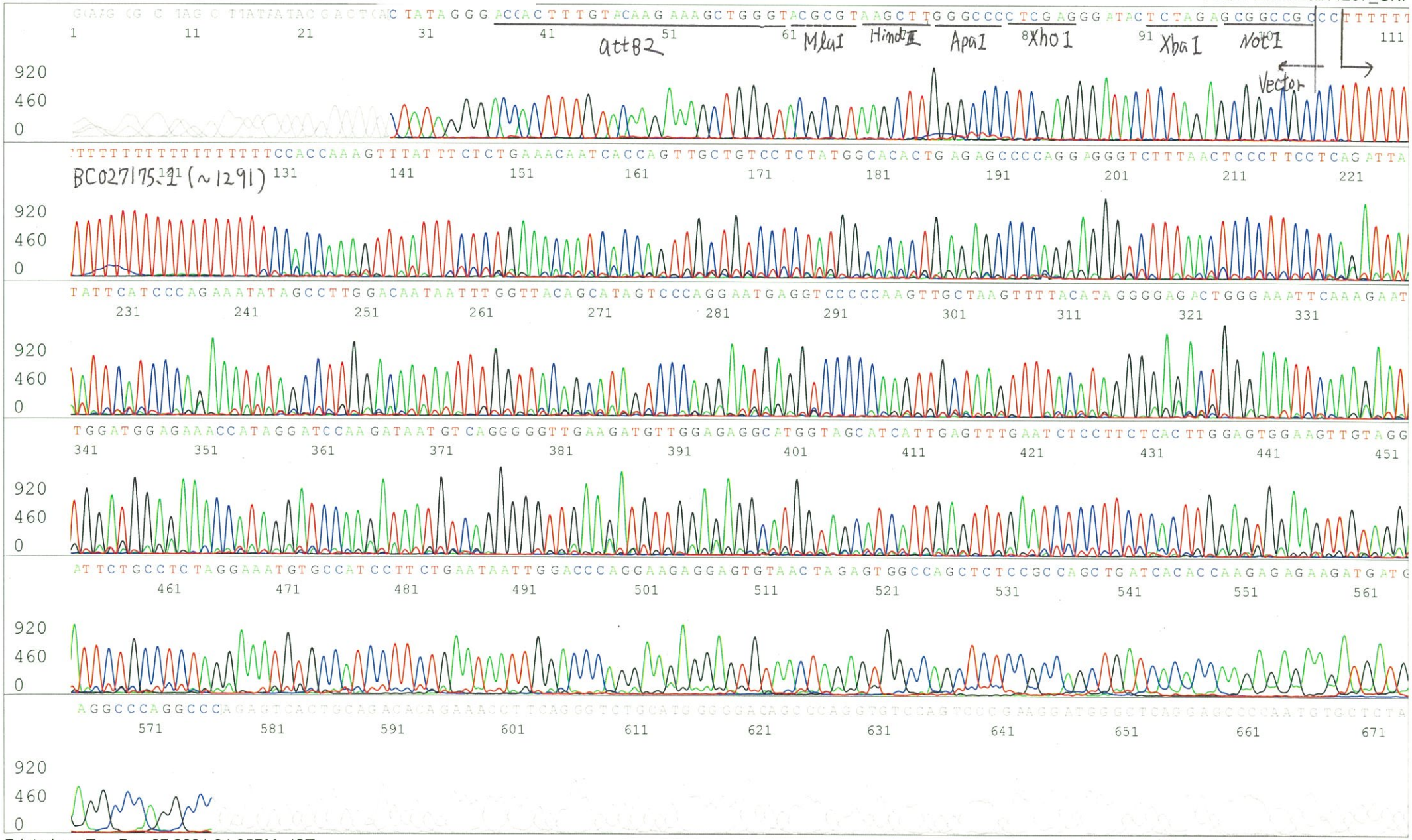


Applied Biosystems

S/N G:105 A:125 T:85 C:9
KB.bcp
KB 1.4.1.8 Cap:7

Primer B : M13
5' GTTTTCCCAGTCACGACGTTGTA 3'

7893_IRAK026J12_B1L6_M13(-40)_G01_07_ABI08
7893_IRAK026J12_B1L6_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1666 to 8701 Pk1 Loc:1634
Version 6.0 HiSQV Bases: 658

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Dec 07,2021 03:25PM, JST
Dec 07,2021 03:40PM, JST
Spacing:10.64 Pts/Panel1350
Plate Name: 20211207_GNP