RIKEN_Clone_ID : IRAK064K24

Lot#: 7893_B3Aj

Vector : pCMV-SPORT6

Gene	HLA-DRA	
Accession No.	BC032350.1	1289 bp
	CDS	765 bp

● Plasmid DNA purification

Date : 23.01.23　　Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 23.01.24　　Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 23.01.24

DNA concentration (O.D.): 207 ng/ul

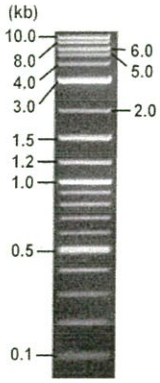
DNA	0.5 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.5 ul
Total	10 ul

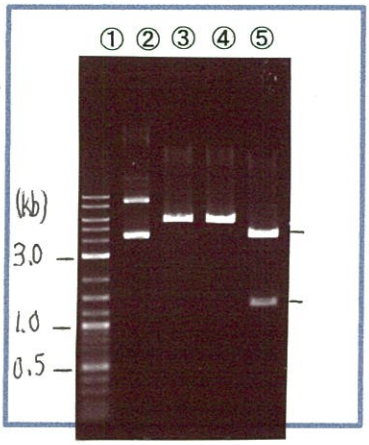
< Size of fragment expected from this clone >

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 : 23.01.25

DNA (207 ng/ul)	86.0	ul
10x TE	71.2	ul
dH_2O	554.8	ul
Total	712.0	ul

● Confirmation of the insertion sequence

Date : 23.01.25

Primer A	Reverse2
Primer B	M13
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 23.1.25 笹沼

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

Applied Biosystems

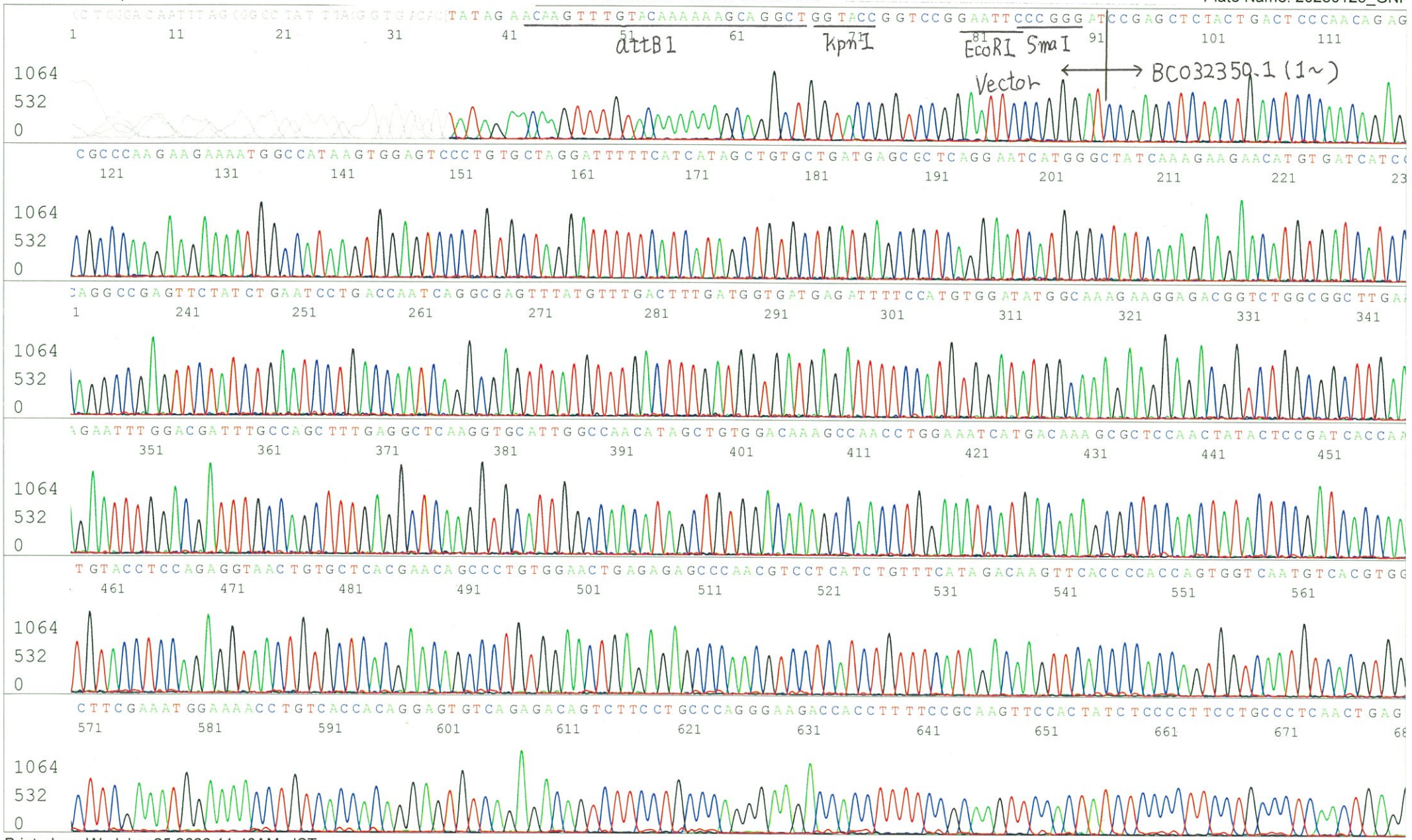
S/N G:29 A:42 T:26 C:39
KB.bcp
KB 1.4.1.8 Cap:1

Primer A : Reverse2
5' GCGGATAACAATTTCACACAGG 3'

7893_IRAK064K24_B3Aj_Reverse2_A01_01_ABI08
7893_IRAK064K24_B3Aj_Reverse2
KB_3500_POP7_BDTv3.mob
Pts 1478 to 12336 Pk1 Loc:1461
Version 6.0 HiSQV Bases: 819

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jan 25,2023 10:31AM, JST
Jan 25,2023 10:54AM, JST
Spacing:13.77 Pts/Panel1350
Plate Name: 20230125_GNP



Applied Biosystems

S/N G:25 A:35 T:29 C:25
KB.bcp
KB 1.4.1.8 Cap:2

Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

7893_IRAK064K24_B3Aj_M13(-40)_B01_02_ABI08
7893_IRAK064K24_B3Aj_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1487 to 12354 Pk1 Loc:1470
Version 6.0 HiSQV Bases: 188

Gray line indicates quality value (QV) < 40.

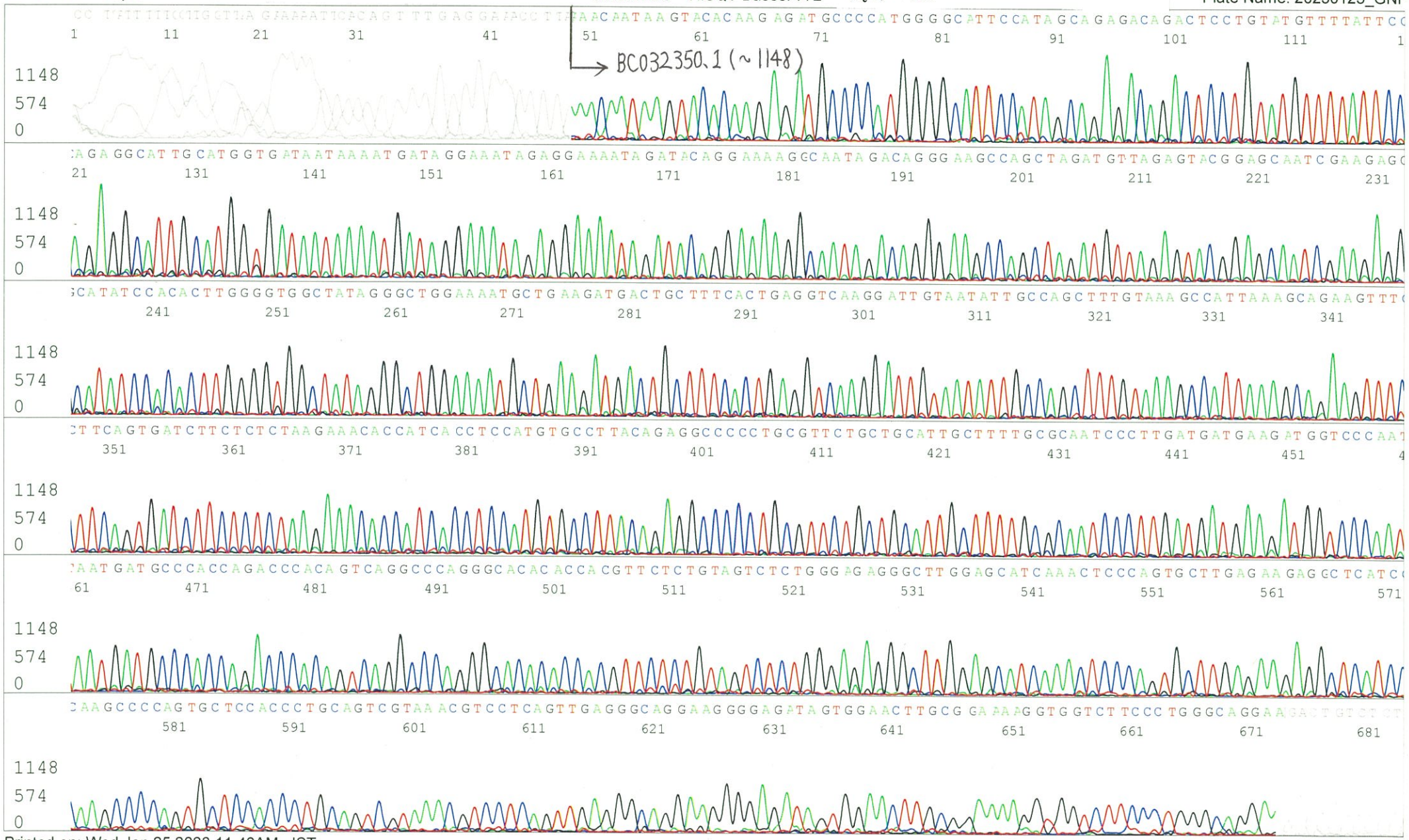
Inst Model/Name 3500/3500 Instrument
Jan 25,2023 10:31AM, JST
Jan 25,2023 10:54AM, JST
Spacing:13.83 Pts/Panel1350
Plate Name: 20230125_GNP

Applied Biosystems

S/N G:18 A:23 T:16 C:20
KB.bcp
KB 1.4.1.8 Cap:3

Primer C : Poly(A) region primer #0
5' TTTTTTTTTTTTTTTTTTTTTVNN 3'

7893_IRAK064K24_B3Aj_GNPmixture_C01_03_ABI08
7893_IRAK064K24_B3Aj_GNPmixture
KB_3500_POP7_BDTv3.mob
Pts 1499 to 12399 Pk1 Loc:1482
Version 6.0 HiSQV Bases: 772

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jan 25,2023 10:31AM, JST
Jan 25,2023 10:54AM, JST
Spacing:13.68 Pts/Panel1350
Plate Name: 20230125_GNP