RIKEN_Clone_ID : IRAL016D15

Lot#: 7566_B2G8

Vector : pDNR-LIB

Gene	HLA-DRB4	
Accession No.	BC005312.1	1201 bp
	CDS	801 bp

● Plasmid DNA purification

Date : 22.07.11　　Culture : LB (25 ug/ml Chloramphenicol) 5 ml -> at 37 deg C over night

Date : 22.07.12　　Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 22.07.12

DNA concentration (O.D.): 209 ng/ul

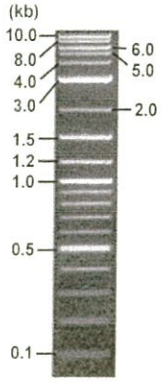
DNA	0.5 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.5 ul
Total	10 ul

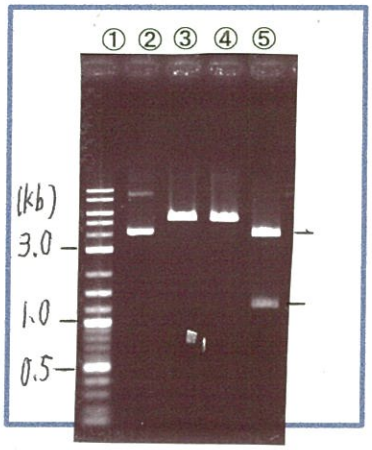
< Size of fragment expected from this clone >

EcoRI	5.1 kb	
XhoI	5.1 kb	
EcoRI + XhoI	3.9kb (Vector)	1.2 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 : 22.07.13

DNA (209 ng/ul)	86.0	ul
10x TE	71.8	ul
dH_2O	561.1	ul
Total	718.9	ul

● Confirmation of the insertion sequence

Date : 22.07.13

Primer A	T7 long
Primer B	M13 Reverse
Primer C	poly(A) region primer #0
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Shipping

☑ Conc. : 25 ng/ μ l, Volume : 40 μ l

☐ Conc. : ng/ μ l, Volume : μ l

確認 22.7.13 笹沼

APPROVED BY :

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

Applied Biosystems

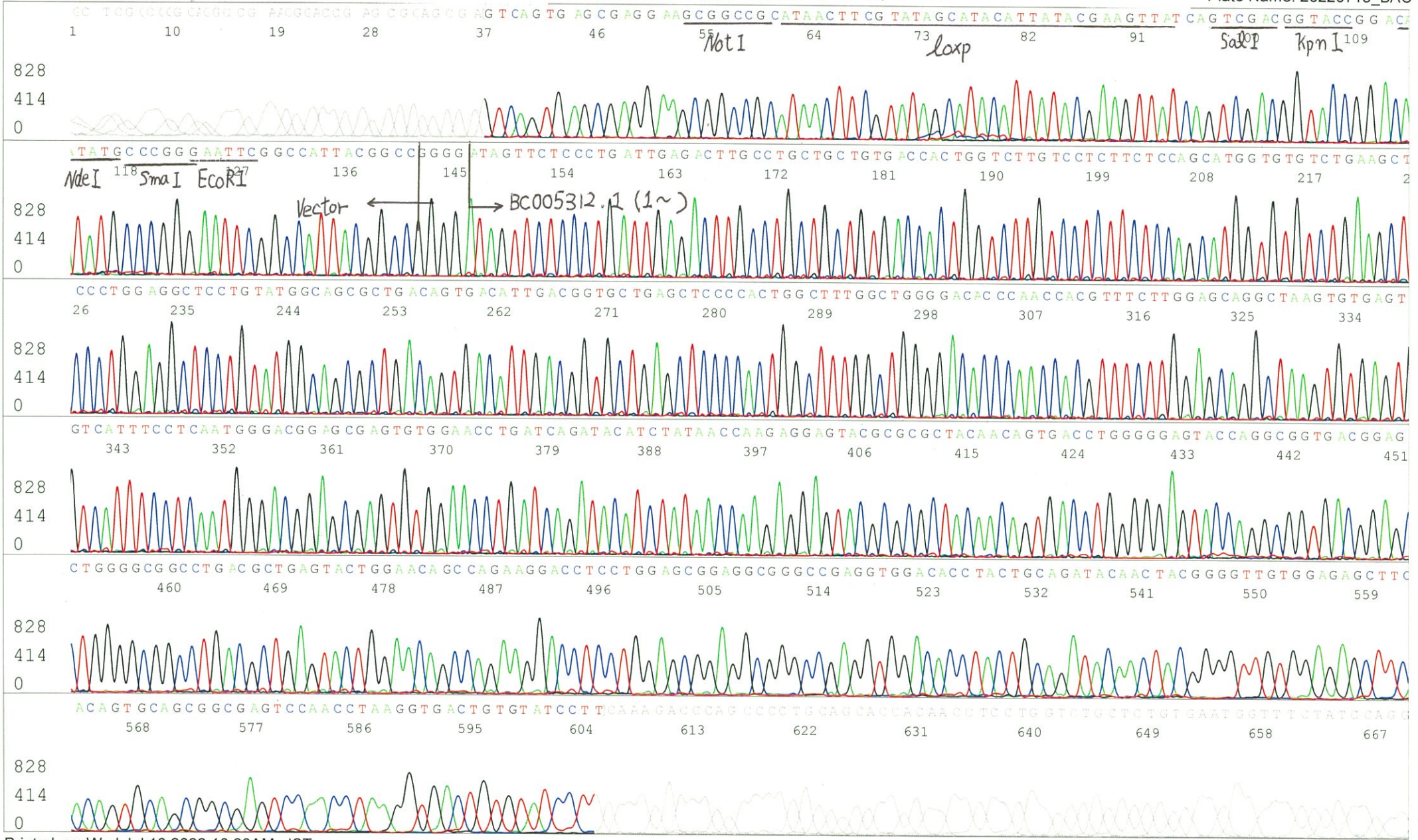
S/N G:176 A:219 T:126 C:
KB.bcp
KB 1.4.1.8 Cap:17

Primer A : T7 long
5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

7566_IRAL016D15_B2G8_T7 long_F02_17_ABI24
7566_IRAL016D15_B2G8_T7 long
KB_3500_POP7_BDTv3.mob
Pts 1709 to 8685 Pk1 Loc:1677
Version 6.0 HiSQV Bases: 642

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jul 13,2022 09:43AM, JST
Jul 13,2022 09:58AM, JST
Spacing:10.36 Pts/Panel1350
Plate Name: 20220713_BAC



Applied Biosystems

S/N G:198 A:232 T:137 C:224
KB.bcp
KB 1.4.1.8 Cap:20

Primer B : M13 Reverse
5' AAACAGCTATGACCATGTTCA 3'

7566_IRAL016D15_B2G8_M13 Reverse_G02_20_ABI24
7566_IRAL016D15_B2G8_M13 Reverse
KB_3500_POP7_BDTv3.mob
Pts 1695 to 8657 Pk1 Loc:1663
Version 6.0 HiSQV Bases: 498

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
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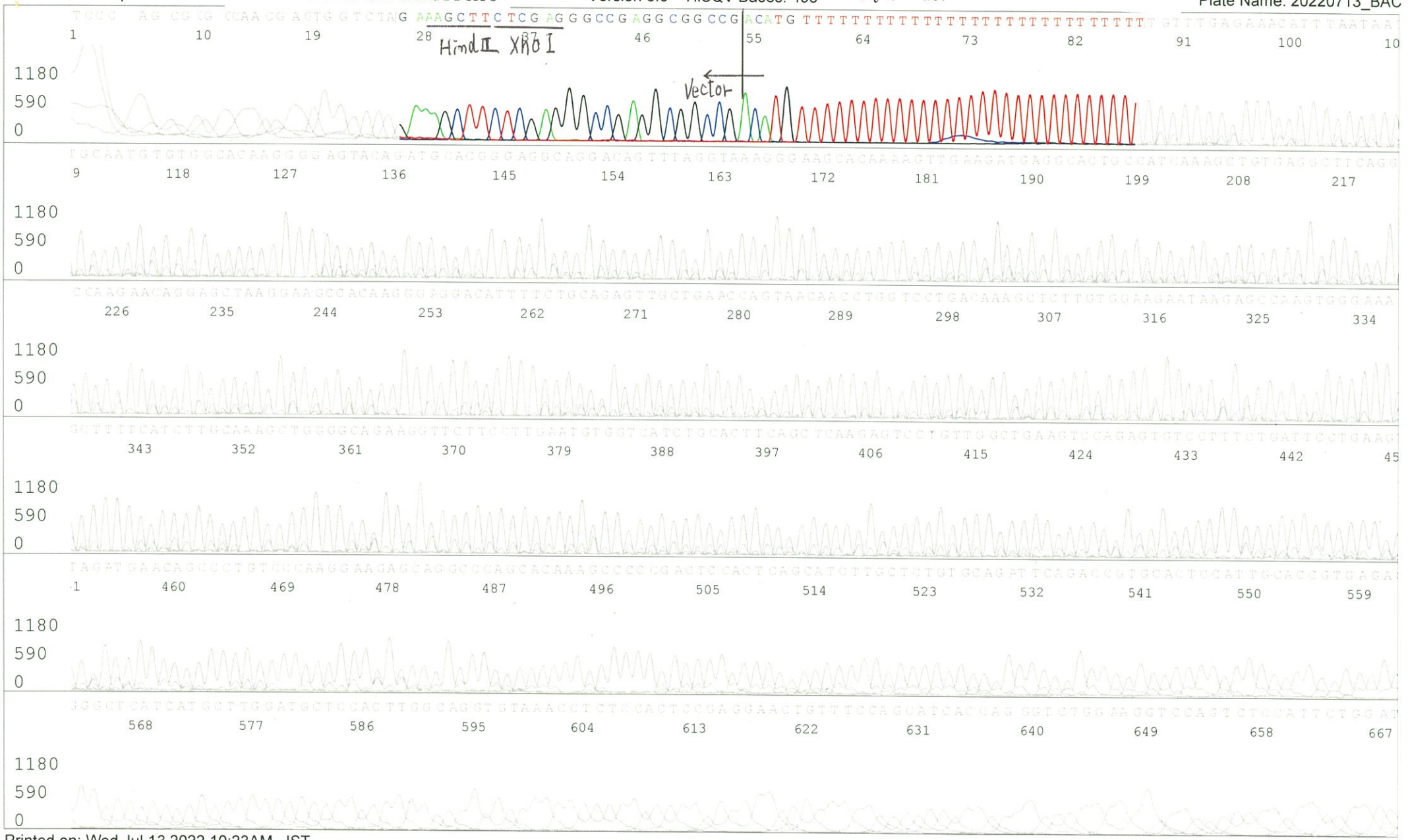
Jul 13,2022 09:58AM, JST
Spacing:10.21 Pts/Panel1350
Plate Name: 20220713_BAC

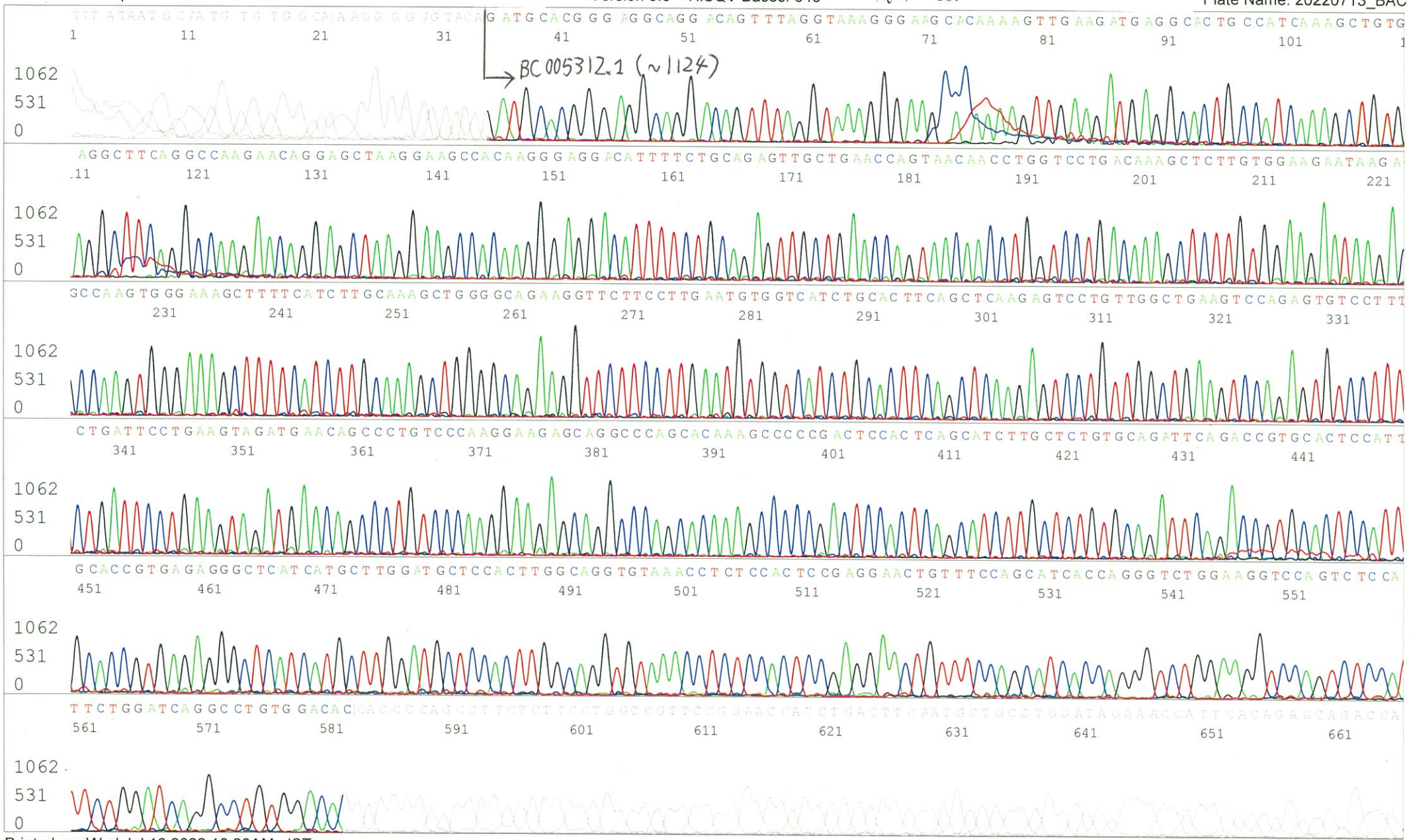


Applied Biosystems

S/N G:53 A:52 T:30 C:55
KB.bcp
KB 1.4.1.8 Cap:23

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

7566_IRAL016D15_B2G8_GNP Mixture_H02_23_ABI24
7566_IRAL016D15_B2G8_GNP Mixture
KB_3500_POP7_BDTv3.mob
Pts 1716 to 8706 Pk1 Loc:1684
Version 6.0 HiSQV Bases: 646

Gray line indicates quality value (QV) < 40.

Inst Model/Name 3500/3500 Instrument
Jul 13,2022 09:43AM, JST
Jul 13,2022 09:58AM, JST
Spacing:10.48 Pts/Panel1350
Plate Name: 20220713_BAC