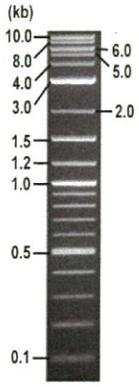
Gene Engineering Division
RIKEN BioResource Research Center

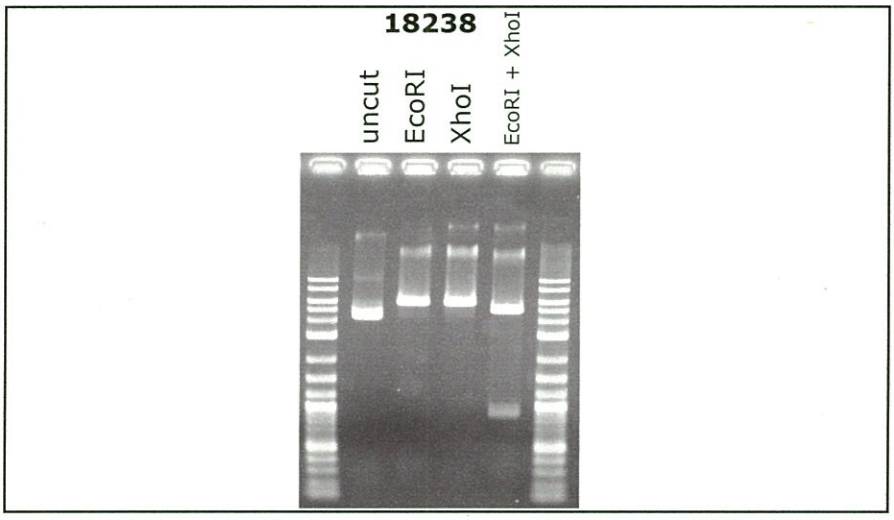
RIKEN DNA BANK

clone name : pGEX-G4Null

- **Clone ID** : RDB _ 18238
- **Lot** : 18238 _ B0Gf
- **DNA Concentration** : 25 nanogram/microliter
- **Volume** : 40 microliter
- **Form** : DNA solution in TE buffer
- **Host** : DH5 alpha
- **Culture** : LB medium
- **Antibiotics** : 100 microgram/ml Ampicillin
- **Purification** : QIAGEN QIAprep Spin Miniprep kit
- **Digestion by restriction enzyme**

1 kb Plus DNA Ladder
(NEB#N3200L),
250 ng/well





Electrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
EcoRI	:	**5.8**	kbp
XhoI	:	**5.8**	kbp
EcoRI + XhoI	:	**5.0, 0.9**	kbp
	:		kbp

- **Confirmation of the insertion sequence**

Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0403	pGEX-F2	GST, thrombin site, Insert 5'
Sequence - B	Pr0084	pJB8-Forward	Insert 3'
Sequence - C	Pr0410	M13_-40	lacI
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認 20.10.13 金藤

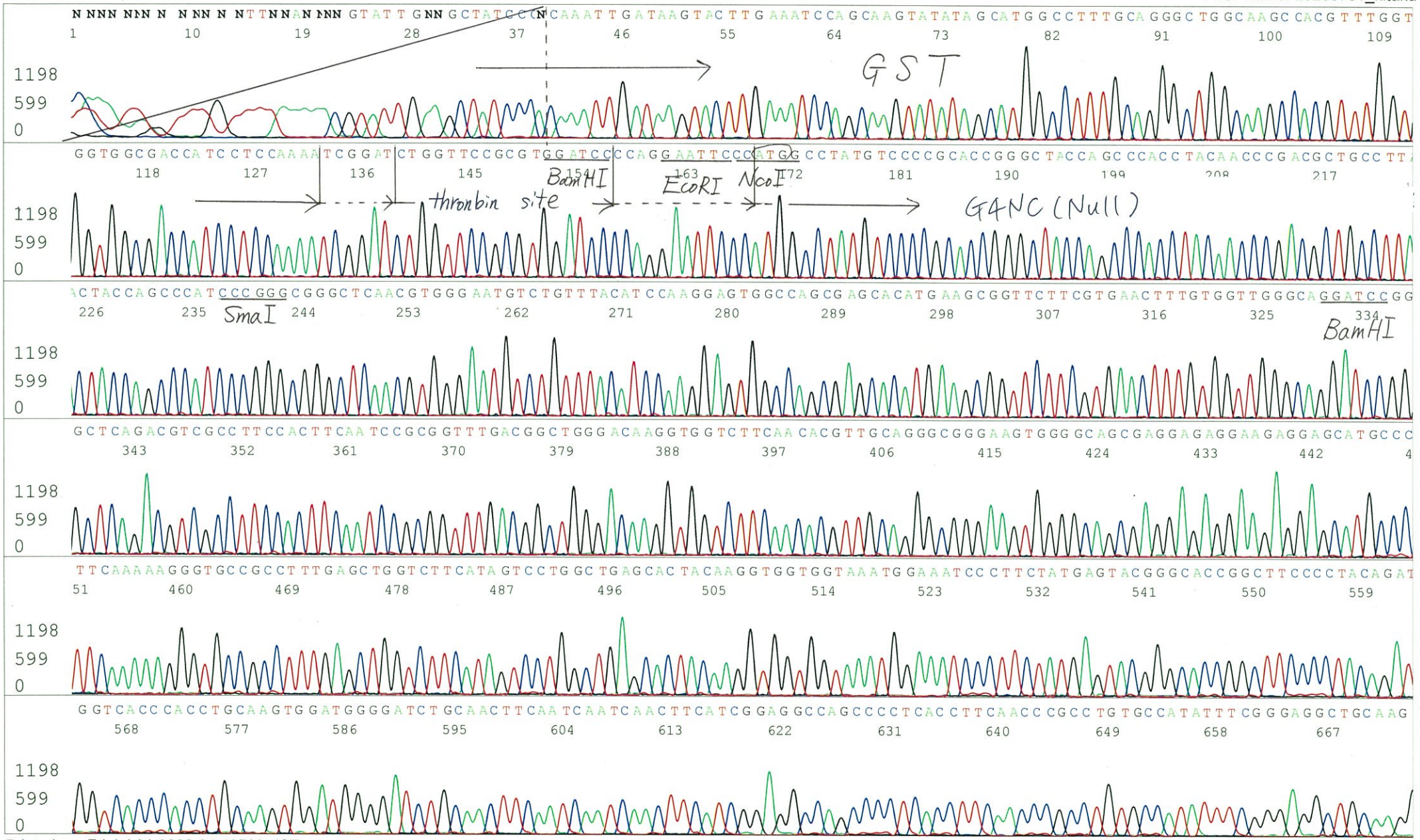
Applied Biosystems

S/N G:122 A:130 T:115 C:179
KB.bcp
KB 1.4.1.8 Cap:5

primer name A : pGEX-F2
5'- ACATGGACCCAATGTGCCTG -3'

D07204A3_B0Gf_2_pGEX-F2_B02_05_ABI24
D07204A3_B0Gf_2_pGEX-F2
KB_3500_POP7_BDTv3.mob
Pts 1371 to 13277 Pk1 Loc:1348
Version 6.0 HiSQV Bases: 928

Inst Model/Name 3500/3500 Instrument
Jul 31,2020 02:30PM, JST
Jul 31,2020 03:01PM, JST
Spacing:11.74 Pts/Panel1350
Plate Name: 20200731_kitaku

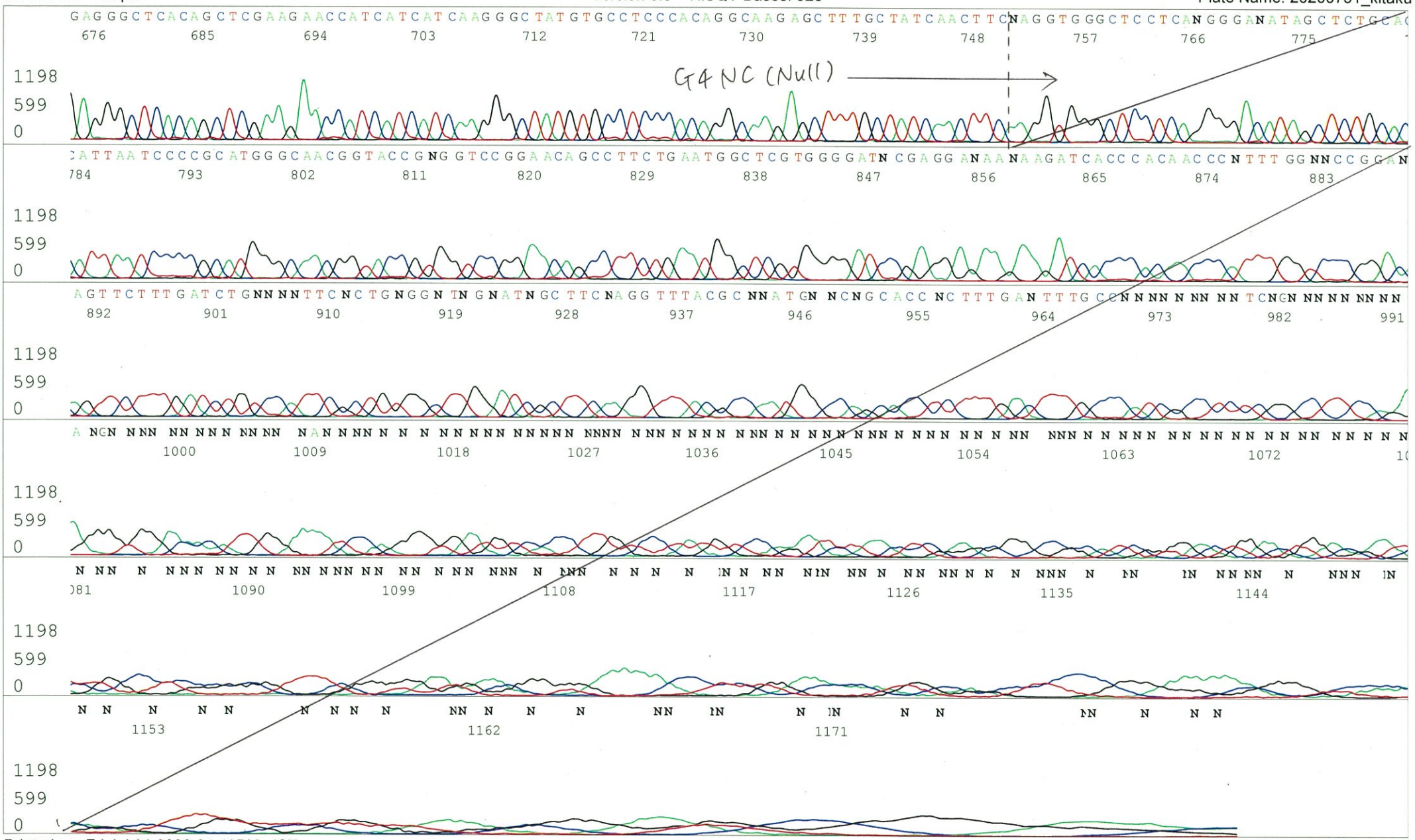


Applied Biosystems

S/N G:122 A:130 T:115 C:179
KB.bcp
KB 1.4.1.8 Cap:5

D07204A3_B0Gf_2_pGEX-F2_B02_05_ABI24
D07204A3_B0Gf_2_pGEX-F2
KB_3500_POP7_BDTv3.mob
Pts 1371 to 13277 Pk1 Loc:1348
Version 6.0 HiSQV Bases: 928

Inst Model/Name 3500/3500 Instrument
Jul 31,2020 02:30PM, JST
Jul 31,2020 03:01PM, JST
Spacing:11.74 Pts/Panel1350
Plate Name: 20200731_kitaku



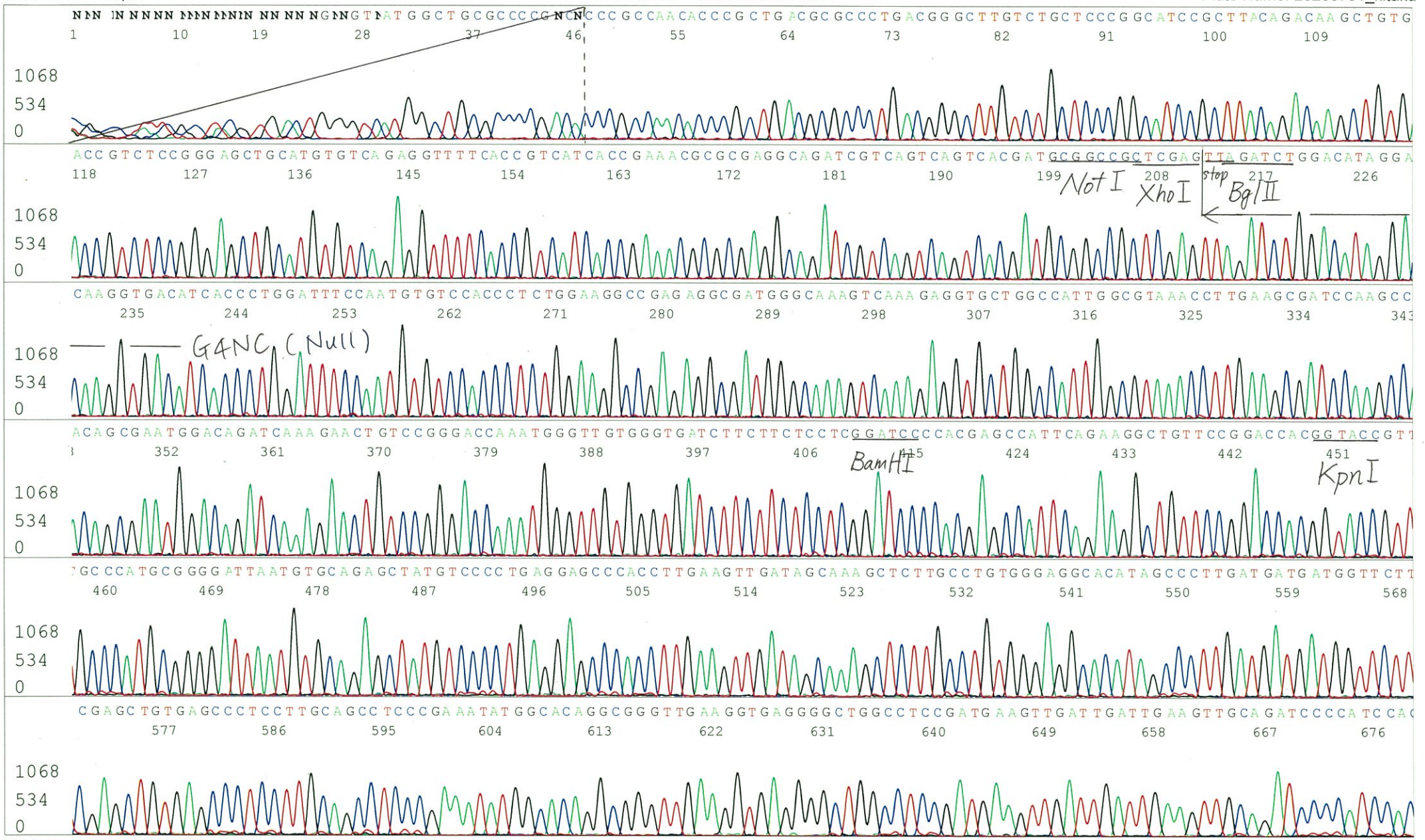
Applied Biosystems

S/N G:40 A:38 T:32 C:43
KB.bcp
KB 1.4.1.8 Cap:8

primer name B : pJB8-Forward
5'- ACGAGGCCCTTTCGTCTTC -3'

D07204A3_B0Gf_2_pJB8-Forward_C02_08_ABI24
D07204A3_B0Gf_2_pJB8-Forward
KB_3500_POP7_BDTv3.mob
Pts 1369 to 13107 Pk1 Loc:1346
Version 6.0 HiSQV Bases: 953

Inst Model/Name 3500/3500 Instrument
Jul 31,2020 02:30PM, JST
Jul 31,2020 03:01PM, JST
Spacing:11.68 Pts/Panel1350
Plate Name: 20200731_kitaku

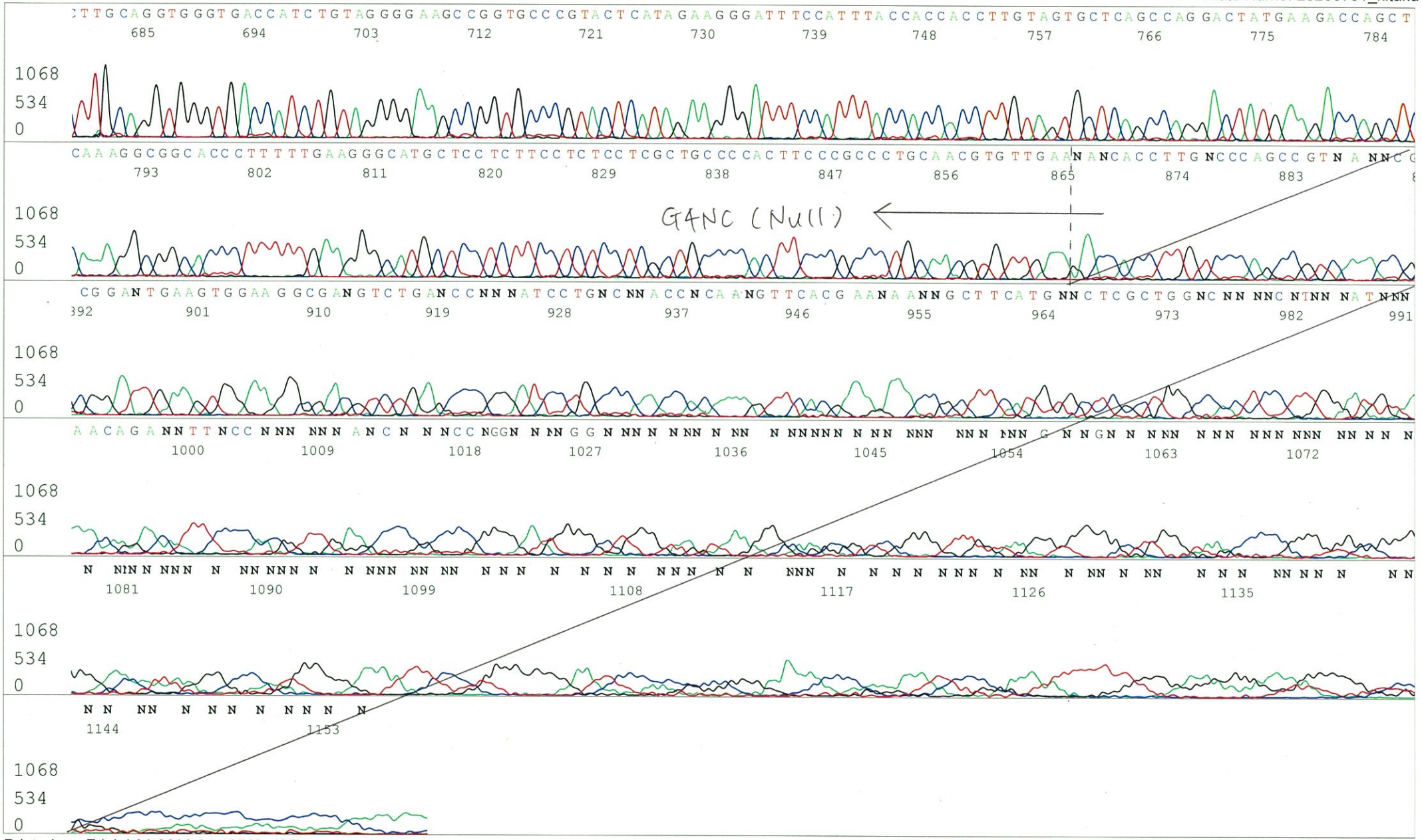


Applied Biosystems

S/N G:40 A:38 T:32 C:43
KB.bcp
KB 1.4.1.8 Cap:8

D07204A3_B0Gf_2_pJB8-Forward_C02_08_ABI24
D07204A3_B0Gf_2_pJB8-Forward
KB_3500_POP7_BDTv3.mob
Pts 1369 to 13107 Pk1 Loc:1346
Version 6.0 HiSQV Bases: 953

Inst Model/Name 3500/3500 Instrument
Jul 31,2020 02:30PM, JST
Jul 31,2020 03:01PM, JST
Spacing:11.68 Pts/Panel1350
Plate Name: 20200731_kitaku



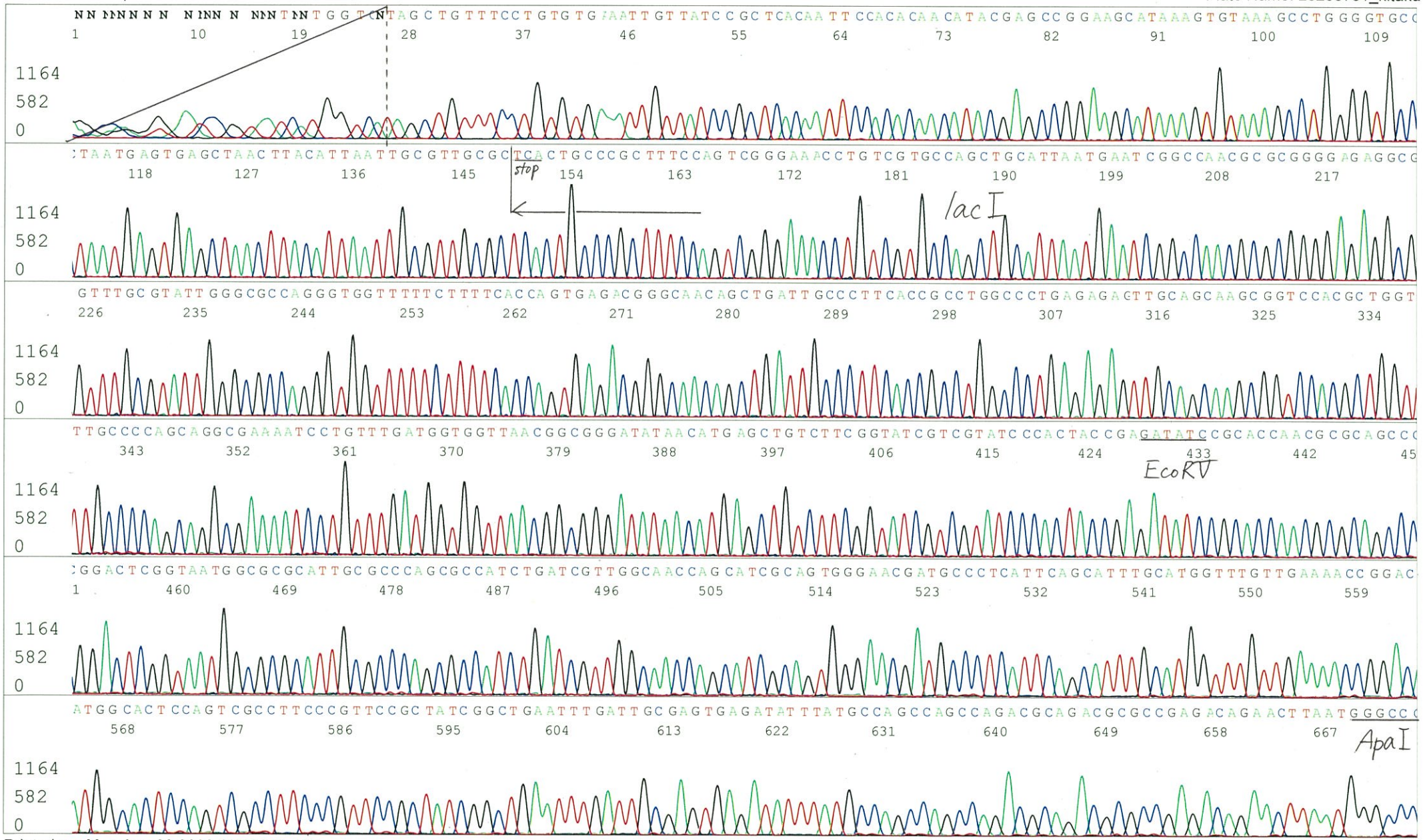
Applied Biosystems

S/N G:105 A:76 T:74 C:103
KB.bcp
KB 1.4.1.8 Cap:11

primer name C : M13_-40
5'- GTTTTCCCAGTCACGACGTTGTA -3'

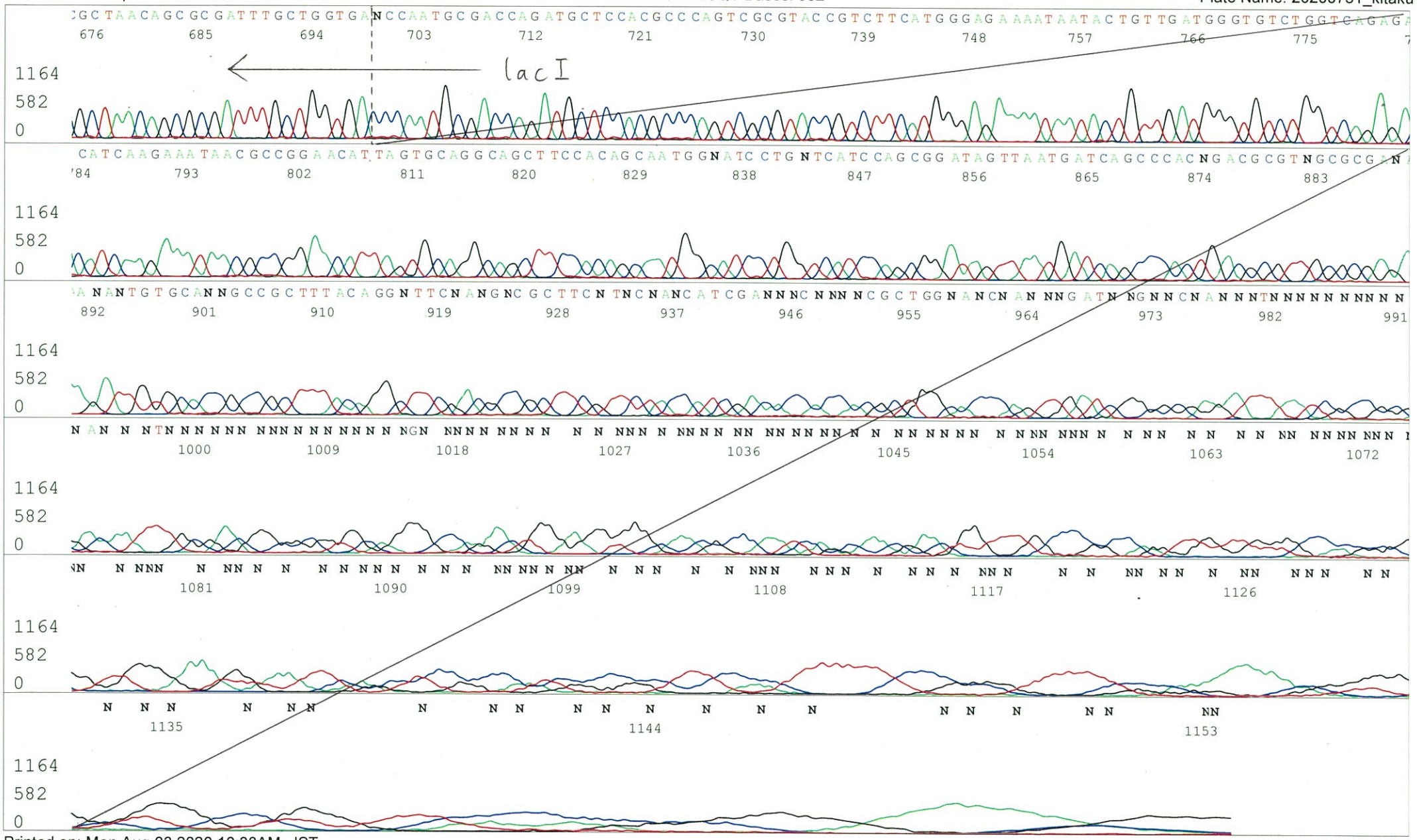
D07204A3_B0Gf_2_M13_-40_D02_11_ABI24
D07204A3_B0Gf_2_M13_-40
KB_3500_POP7_BDTv3.mob
Pts 1357 to 13220 Pk1 Loc:1334
Version 6.0 HiSQV Bases: 932

Inst Model/Name 3500/3500 Instrument
Jul 31,2020 02:30PM, JST
Jul 31,2020 03:01PM, JST
Spacing:11.72 Pts/Panel1350
Plate Name: 20200731_kitaku



Applied Biosystems

S/N G:105 A:76 T:74 C:103
KB.bcp
KB 1.4.1.8 Cap:11

D07204A3_B0Gf_2_M13_-40_D02_11_ABI24
D07204A3_B0Gf_2_M13_-40
KB_3500_POP7_BDTv3.mob
Pts 1357 to 13220 Pk1 Loc:1334
Version 6.0 HiSQV Bases: 932

Inst Model/Name 3500/3500 Instrument
Jul 31,2020 02:30PM, JST
Jul 31,2020 03:01PM, JST
Spacing:11.72 Pts/Panel1350
Plate Name: 20200731_kitaku