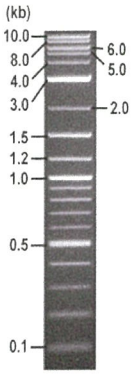
Gene Engineering Division
RIKEN BioResource Research Center

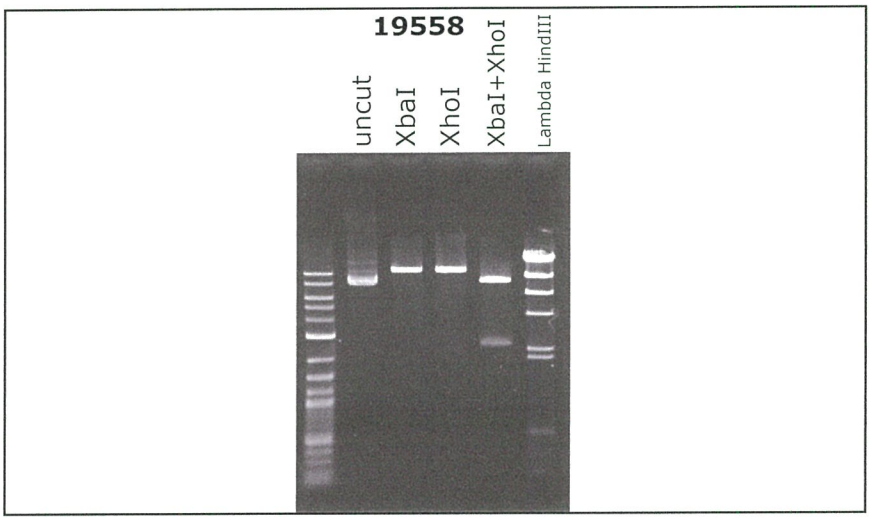
RIKEN DNA BANK

clone name : CSII-CMV-TMPRSS2-IRES2-Bsd

- **Clone ID** : RDB _ 19558
- **Lot** : 19558 _ B2C2
- **DNA Concentration** : 25 nanogram/microliter
- **Volume** : 40 microliter
- **Form** : DNA solution in TE buffer
- **Host** : NEB stable
- **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	
XbaI	:	**11.0**	kbp
XhoI	:	**11.0**	kbp
XbaI+XhoI	:	**8.5, 2.5**	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	Pr0161	cPPT+CTS_F	CMV en.2,CMVpro.2,insert 5'
Sequence - B	Pr0037	IRES-R	IRES2,FLAG,insert 3'
Sequence - C	Pr0036	IRES-F	IRES2,BSD,PRE
Sequence - D	Pr0673	HIV-B_R	HIV-1 psi,5'LTR,CMV pro.1,CMV en.1
Sequence - E	Pr0885	bGH_rev3	bGH pA,3'LTR
Sequence - F	Pr0796	RRE_F1	RRE,cPPT_CTS
Sequence - G	Pr0731	SV40pro_ori_F	SV40 pro_ori,EM7 pro,Zeo
Sequence - H	-	-	-

APPROVED BY :

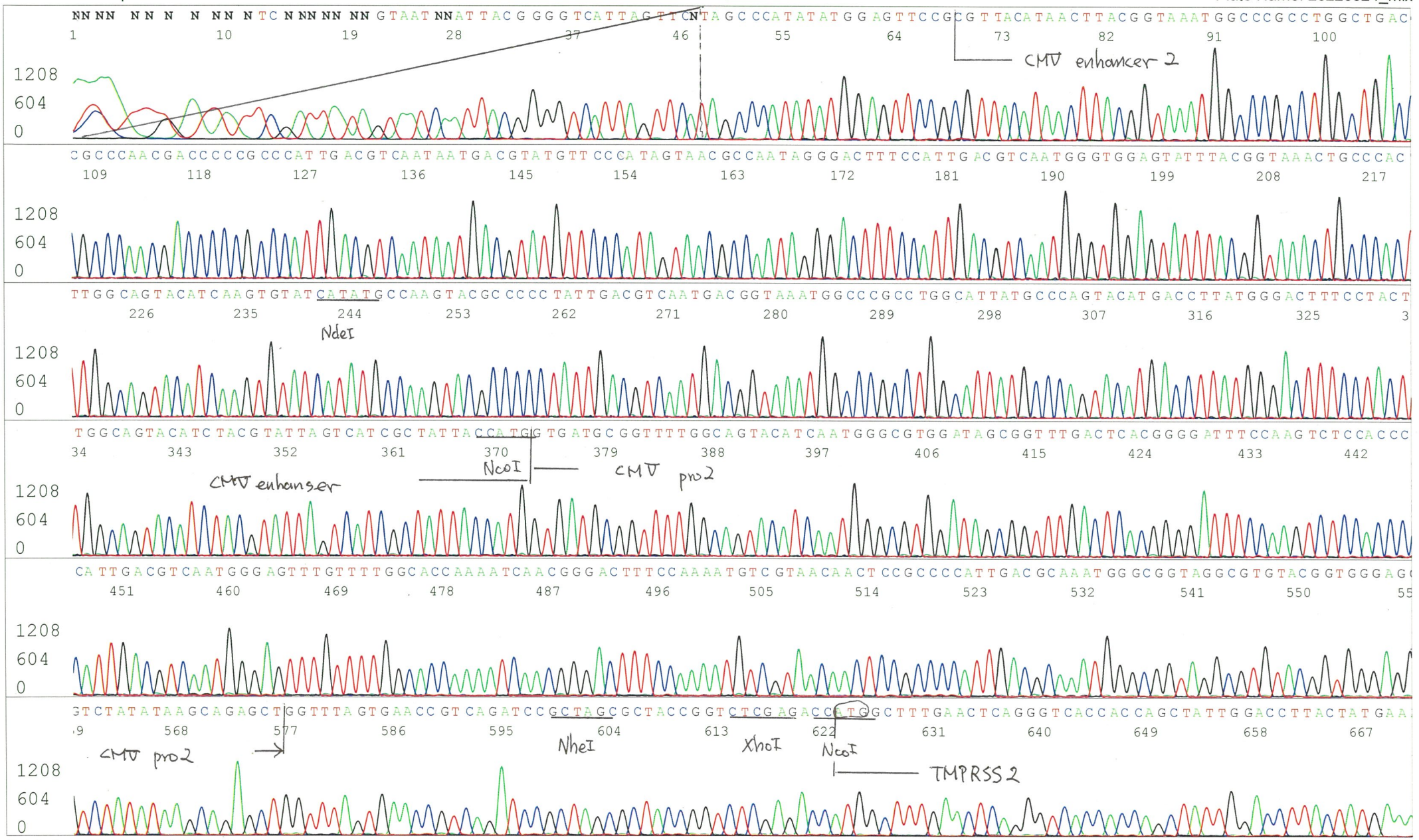
Applied Biosystems

S/N G:585 A:489 T:388 C:438
KB.bcp
KB 1.4.1.8 Cap:21

primer name A :cPPT+CTS_F
5' TTTTCGGGTTTATTACAGGG 3'

19558_19558_1_cPPT+CTS_F_G09_21_ABI24
19558_19558_1_cPPT+CTS_F
KB_3500_POP7_BDTv3.mob
Pts 1336 to 13393 Pk1 Loc:1313
Version 6.0 HiSQV Bases: 954

Inst Model/Name 3500/3500 Instrument
May 24,2022 02:28PM, JST
May 24,2022 02:55PM, JST
Spacing:11.89 Pts/Panel1350
Plate Name: 20220524_mix



Applied Biosystems

S/N G:585 A:489 T:388 C:438
KB.bcp
KB 1.4.1.8 Cap:21

19558_19558_1_cPPT+CTS_F_G09_21_ABI24
19558_19558_1_cPPT+CTS_F
KB_3500_POP7_BDTv3.mob
Pts 1336 to 13393 Pk1 Loc:1313
Version 6.0 HiSQV Bases: 954

Inst Model/Name 3500/3500 Instrument
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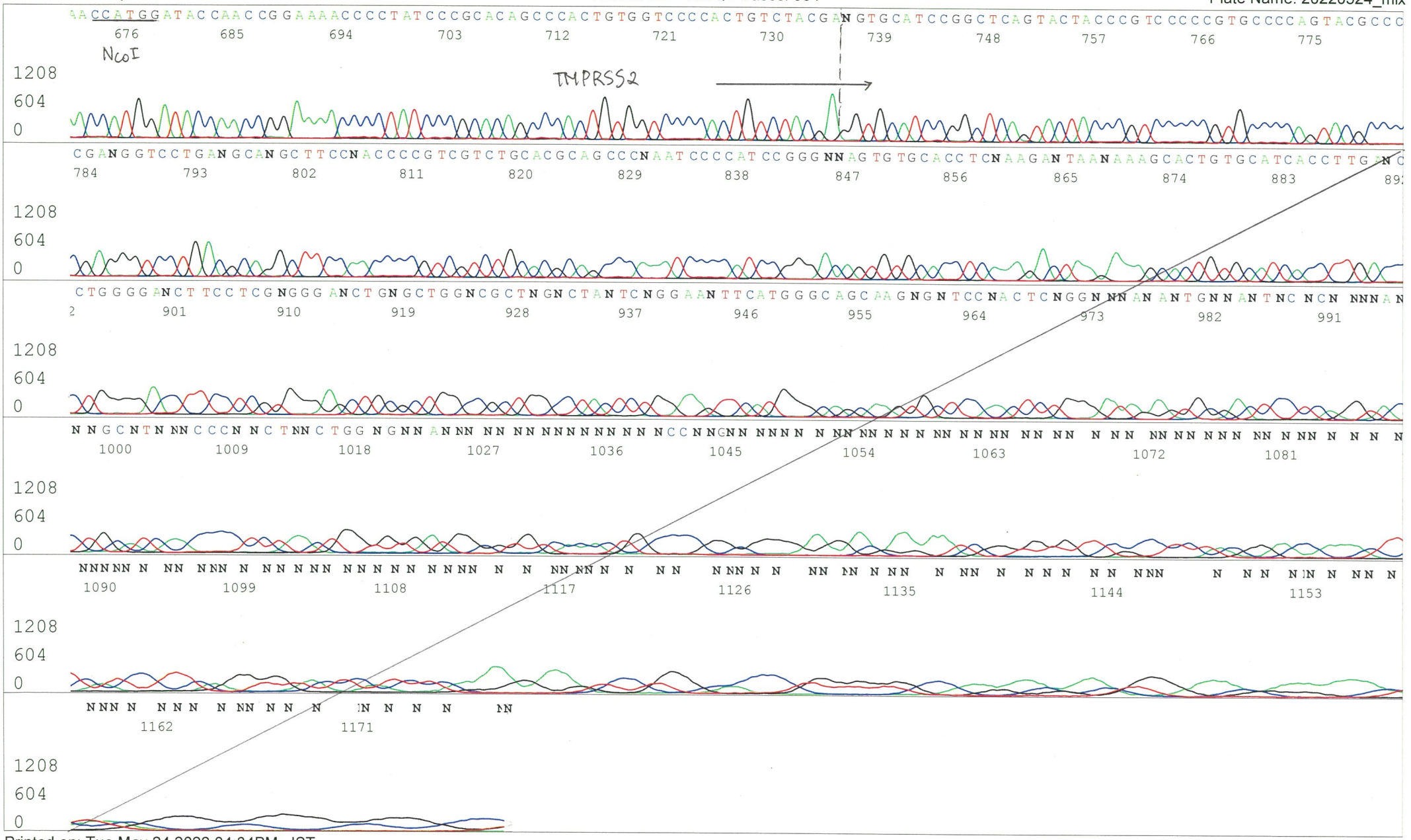

Applied Biosystems

S/N G:520 A:324 T:320 C:370
KB.bcp
KB 1.4.1.8 Cap:18

primer name B :IRES-R
5' ACATATAGACAAACGCACACC 3'

19558_19558_1_IRES-R_F09_18_ABI24
19558_19558_1_IRES-R
KB_3500_POP7_BDTv3.mob
Pts 1297 to 13317 Pk1 Loc:1274
Version 6.0 HiSQV Bases: 959

Inst Model/Name 3500/3500 Instrument
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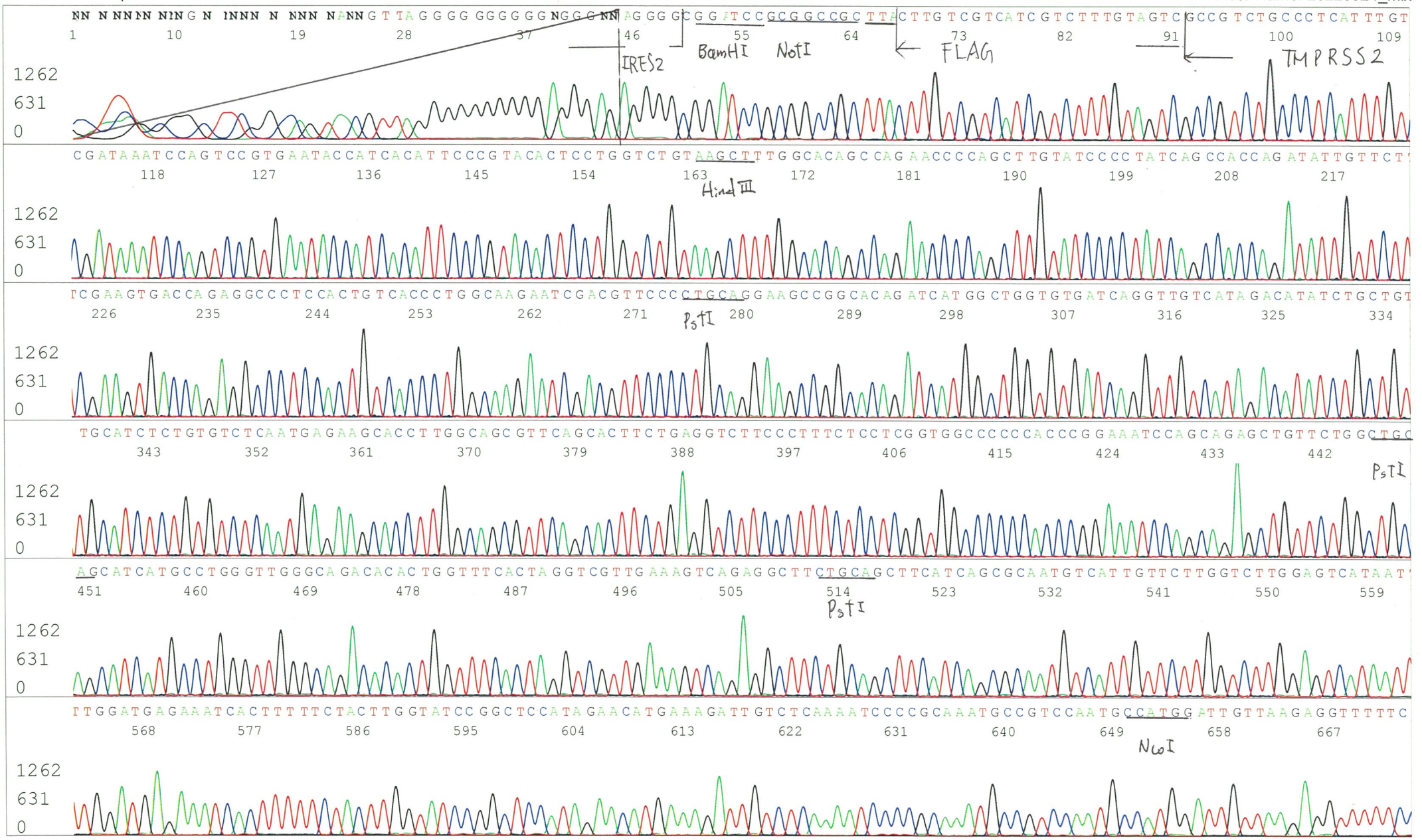
Spacing:11.79 Pts/Panel1350
Plate Name: 20220524_mix

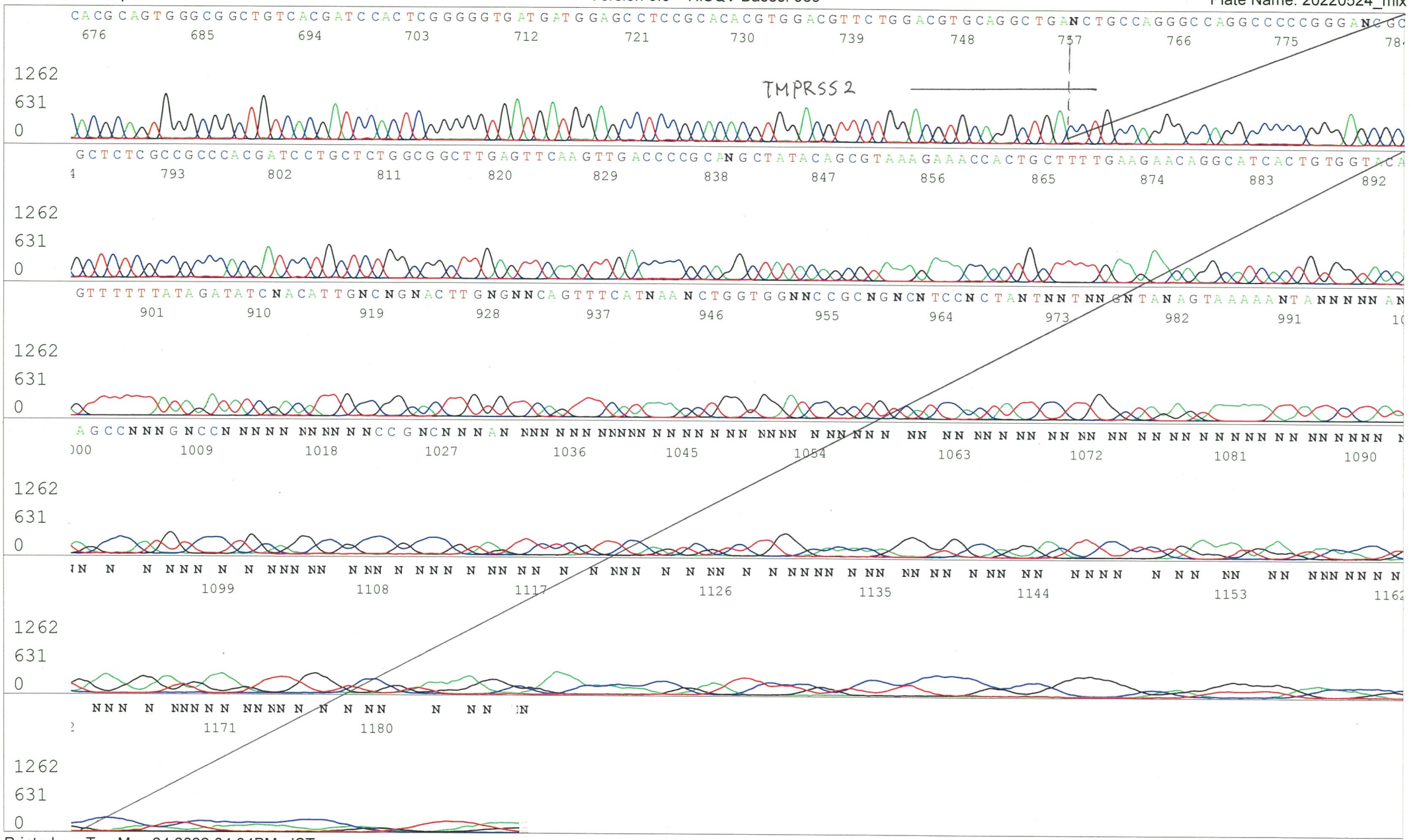


Applied Biosystems

S/N G:520 A:324 T:320 C:370
KB.bcp
KB 1.4.1.8 Cap:18

19558_19558_1_IRES-R_F09_18_ABI24
19558_19558_1_IRES-R
KB_3500_POP7_BDTv3.mob
Pts 1297 to 13317 Pk1 Loc:1274
Version 6.0 HiSQV Bases: 959

Inst Model/Name 3500/3500 Instrument
May 24,2022 02:28PM, JST
May 24,2022 02:55PM, JST
Spacing:11.79 Pts/Panel1350
Plate Name: 20220524_mix



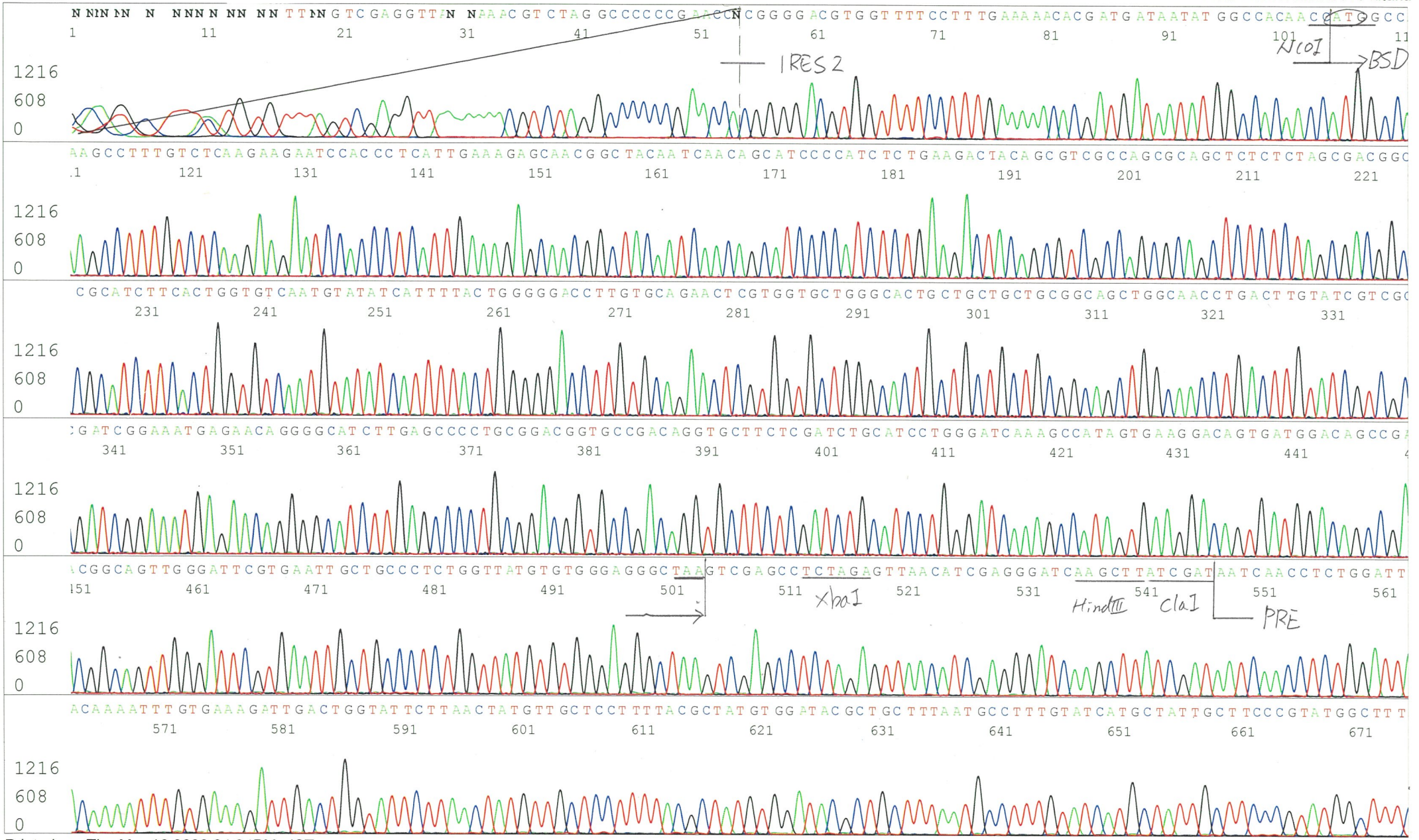
Applied Biosystems

S/N G:493 A:284 T:285 C:303
KB.bcp
KB 1.4.1.8 Cap:15

primer name C : IRES-F
5'-TTGTATGGGATCTGATCTGG-3'

D08711A4_B2C2_1_IRES-F_E12_15_ABI24
D08711A4_B2C2_1_IRES-F
KB_3500_POP7_BDTv3.mob
Pts 1387 to 14236 Pk1 Loc:1364
Version 6.0 HiSQV Bases: 970

Inst Model/Name 3500/3500 Instrument
Mar 10,2022 02:03PM, JST
Mar 10,2022 02:39PM, JST
Spacing:12.66 Pts/Panel1350
Plate Name: 20220310 kitaku

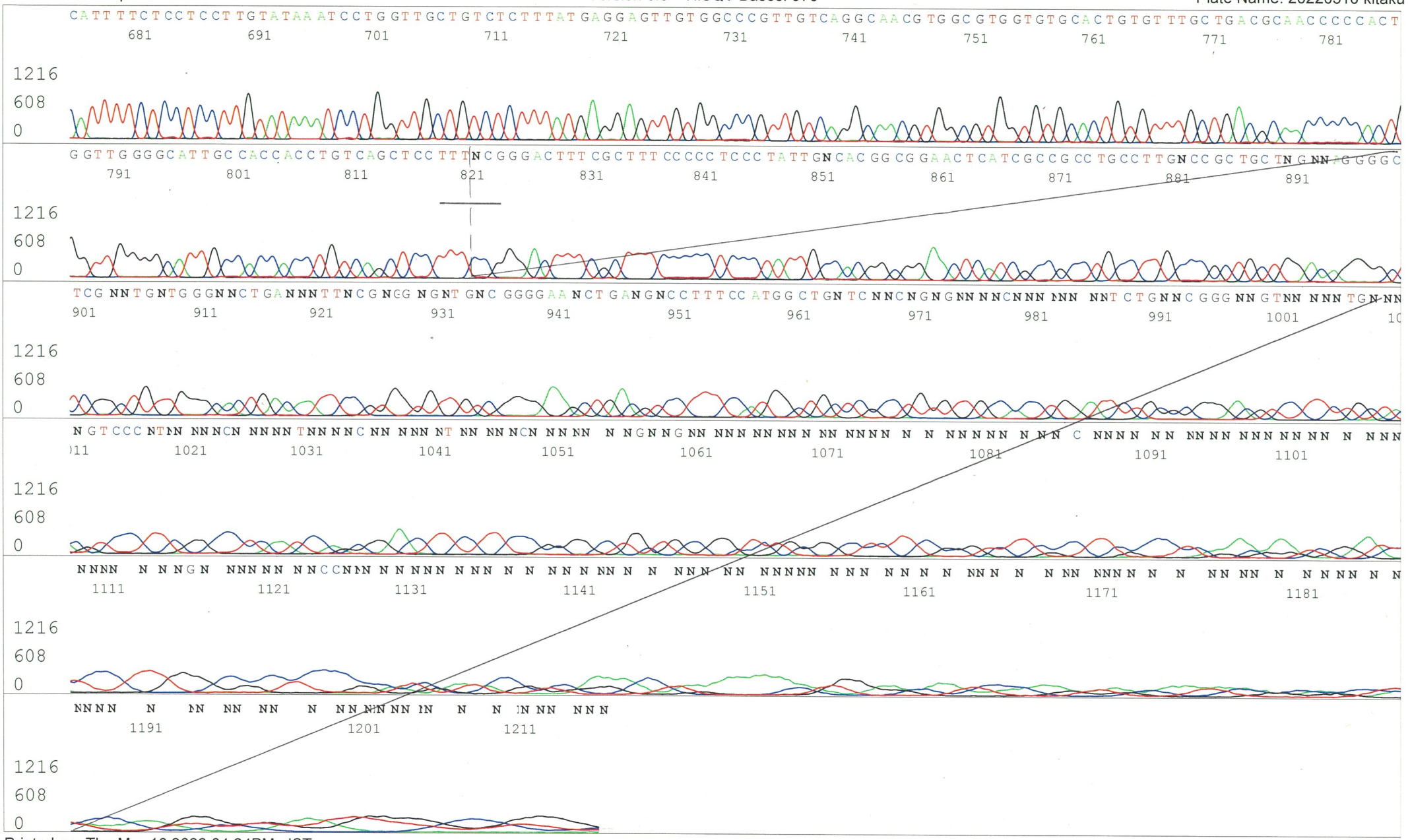


Applied Biosystems

S/N G:493 A:284 T:285 C:303
KB.bcp
KB 1.4.1.8 Cap:15

D08711A4_B2C2_1_IRES-F_E12_15_ABI24
D08711A4_B2C2_1_IRES-F
KB_3500_POP7_BDTv3.mob
Pts 1387 to 14236 Pk1 Loc:1364
Version 6.0 HiSQV Bases: 970

Inst Model/Name 3500/3500 Instrument
Mar 10,2022 02:03PM, JST
Mar 10,2022 02:39PM, JST
Spacing:12.66 Pts/Panel1350
Plate Name: 20220310 kitaku



Printed on: Thu Mar 10,2022 04:24PM, JST

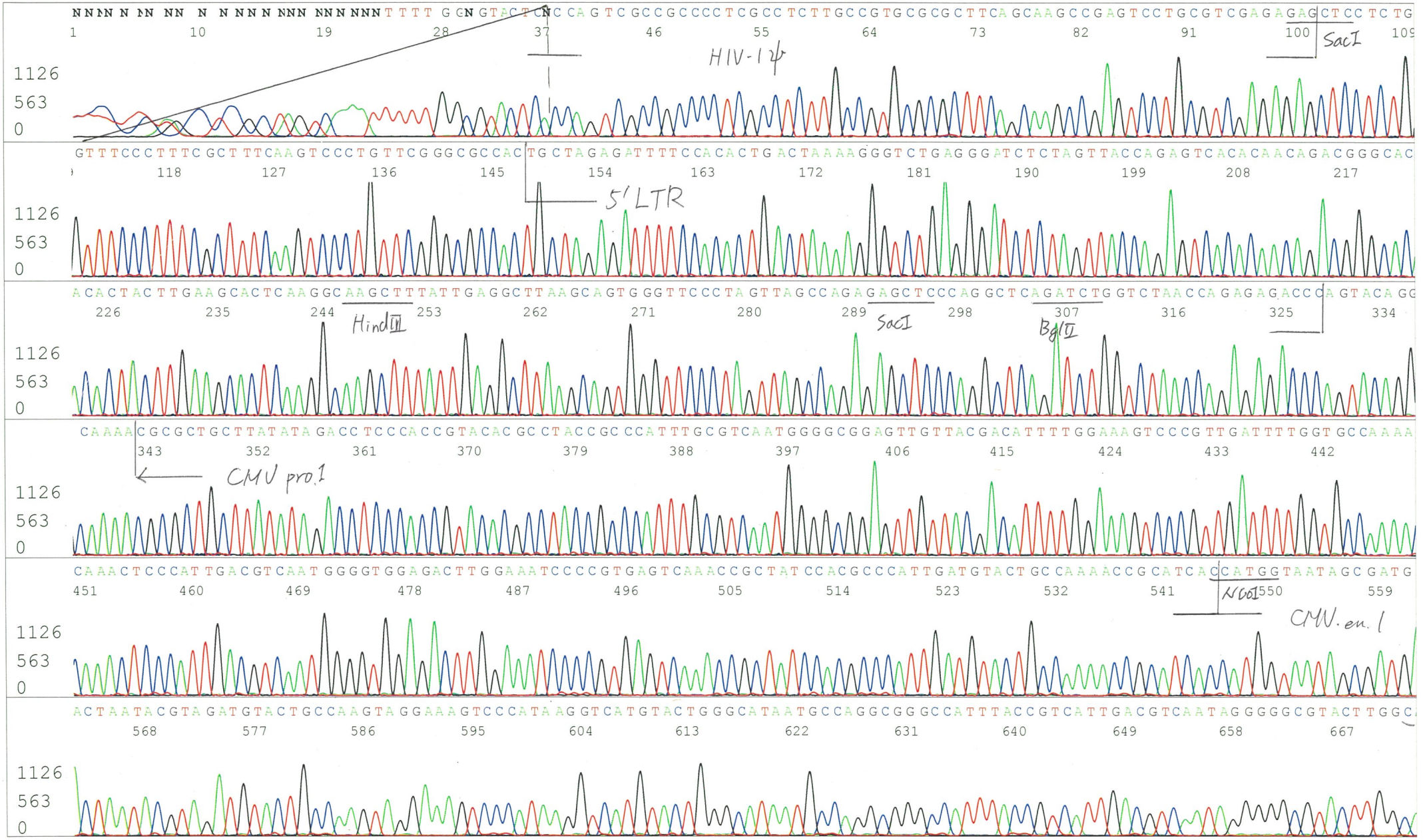
Applied Biosystems

S/N G:222 A:214 T:147 C:179
KB.bcp
KB 1.4.1.8 Cap:9

primer name D : HIV-B_R
5'-TTAATACTGACGCTCTCGCACC-3'

D08711A4_B2C2_1_HIV-B_R_C12_09_ABI24
D08711A4_B2C2_1_HIV-B_R
KB_3500_POP7_BDTv3.mob
Pts 1385 to 14186 Pk1 Loc:1362
Version 6.0 HiSQV Bases: 926

Inst Model/Name 3500/3500 Instrument
Mar 10,2022 02:03PM, JST
Mar 10,2022 02:39PM, JST
Spacing:12.56 Pts/Panel1350
Plate Name: 20220310 kitaku

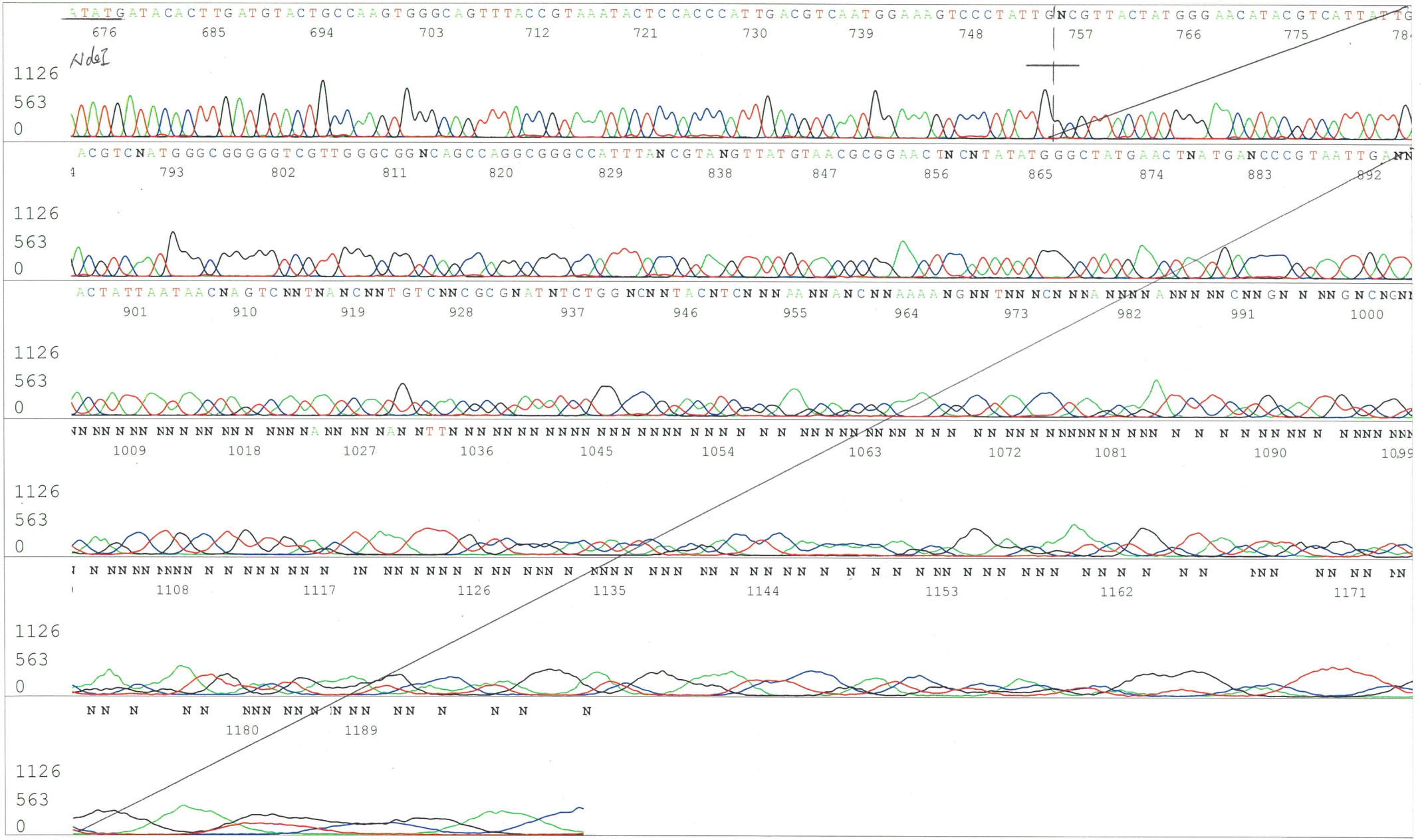


Applied Biosystems

S/N G:222 A:214 T:147 C:179
KB.bcp
KB 1.4.1.8 Cap:9

D08711A4_B2C2_1_HIV-B_R_C12_09_ABI24
D08711A4_B2C2_1_HIV-B_R
KB_3500_POP7_BDTv3.mob
Pts 1385 to 14186 Pk1 Loc:1362
Version 6.0 HiSQV Bases: 926

Inst Model/Name 3500/3500 Instrument
Mar 10,2022 02:03PM, JST
Mar 10,2022 02:39PM, JST
Spacing:12.56 Pts/Panel1350
Plate Name: 20220310 kitaku



Printed on: Thu Mar 10,2022 04:24PM, JST

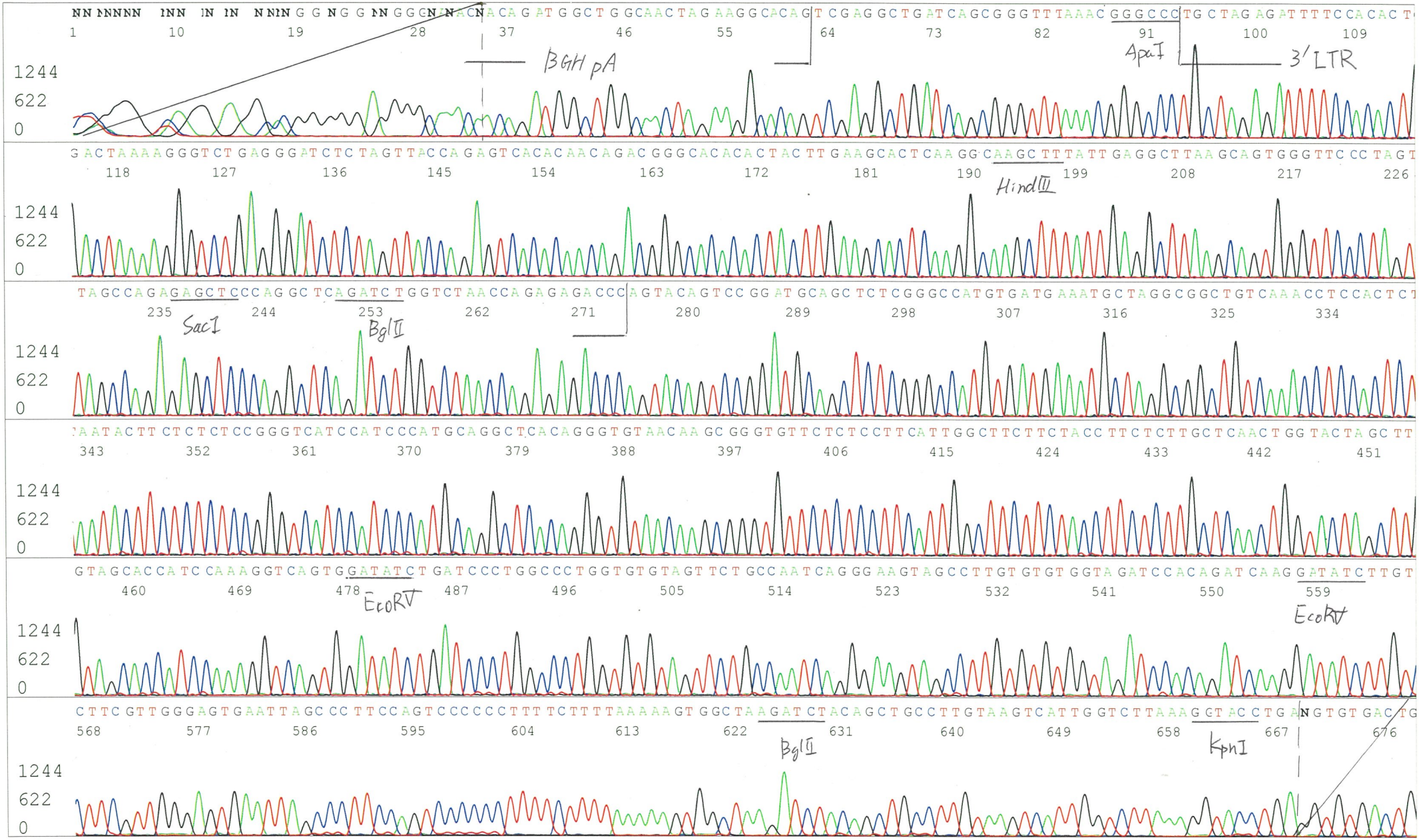
Applied Biosystems

S/N G:245 A:165 T:136 C:143
KB.bcp
KB 1.4.1.8 Cap:21

primer name E : bGH_rev3
5'-TTAGGAAAGGACAGTGGGAGTG -3'

D08711A4_B2C2_1_bGH_rev3_G12_21_ABI24
D08711A4_B2C2_1_bGH_rev3
KB_3500_POP7_BDTv3.mob
Pts 1363 to 14179 Pk1 Loc:1340
Version 6.0 HiSQV Bases: 893

Inst Model/Name 3500/3500 Instrument
Mar 10,2022 02:03PM, JST
Mar 10,2022 02:39PM, JST
Spacing:12.51 Pts/Panel1350
Plate Name: 20220310 kitaku



Applied Biosystems

S/N G:61 A:83 T:45 C:49
KB.bcp
KB 1.4.1.8 Cap:12

primer name F : RRE_F1
5'-TGACGCTGACGGTACAGGCC-3'

D08711A4_B2C2_1_RRE_F1_D12_12_ABI24
D08711A4_B2C2_1_RRE_F1
KB_3500_POP7_BDTv3.mob
Pts 1233 to 13760 Pk1 Loc:1210
Version 6.0 HiSQV Bases: 952

Inst Model/Name 3500/3500 Instrument
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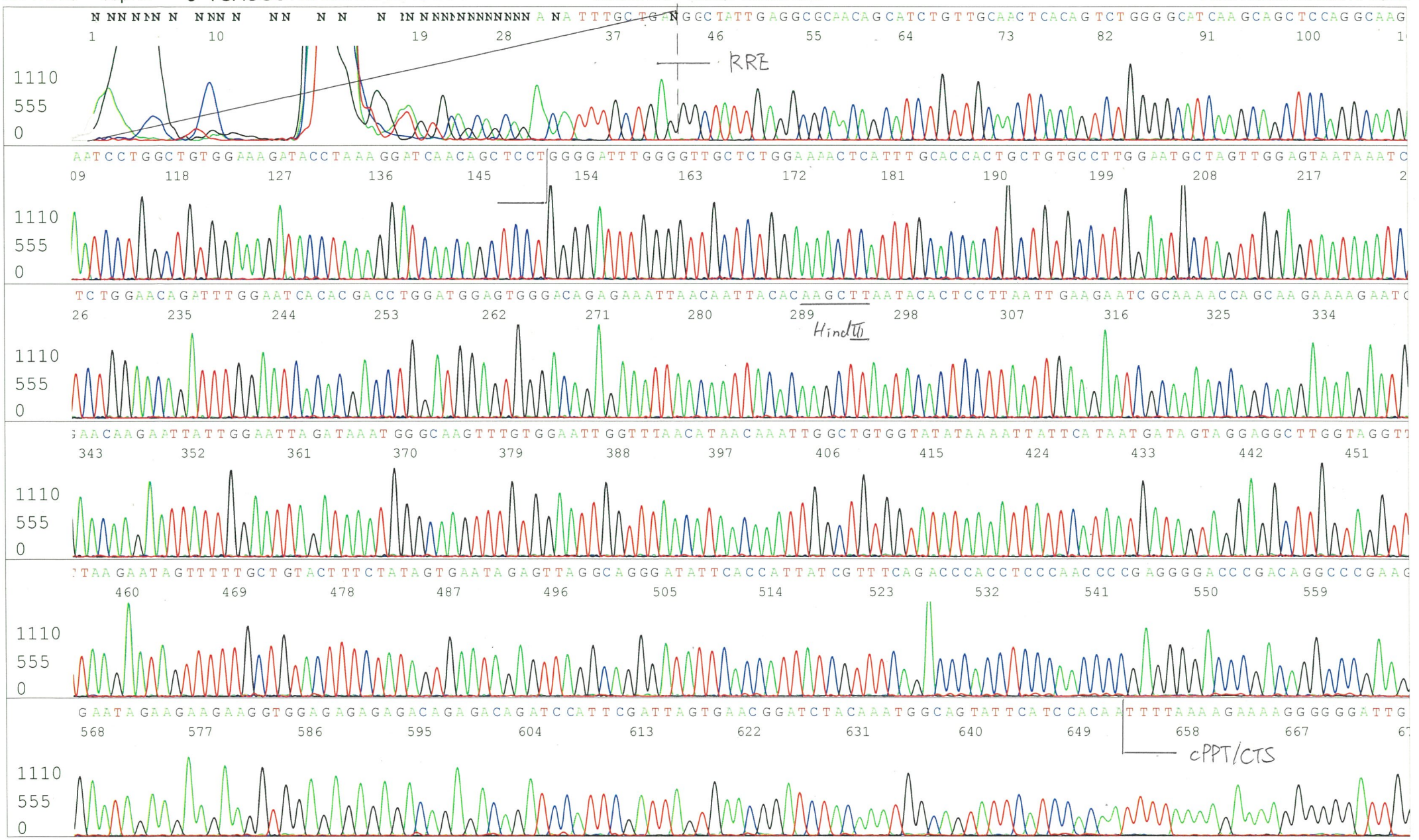
Mar 10,2022 02:39PM, JST
Spacing:12.35 Pts/Panel1350
Plate Name: 20220310 kitaku

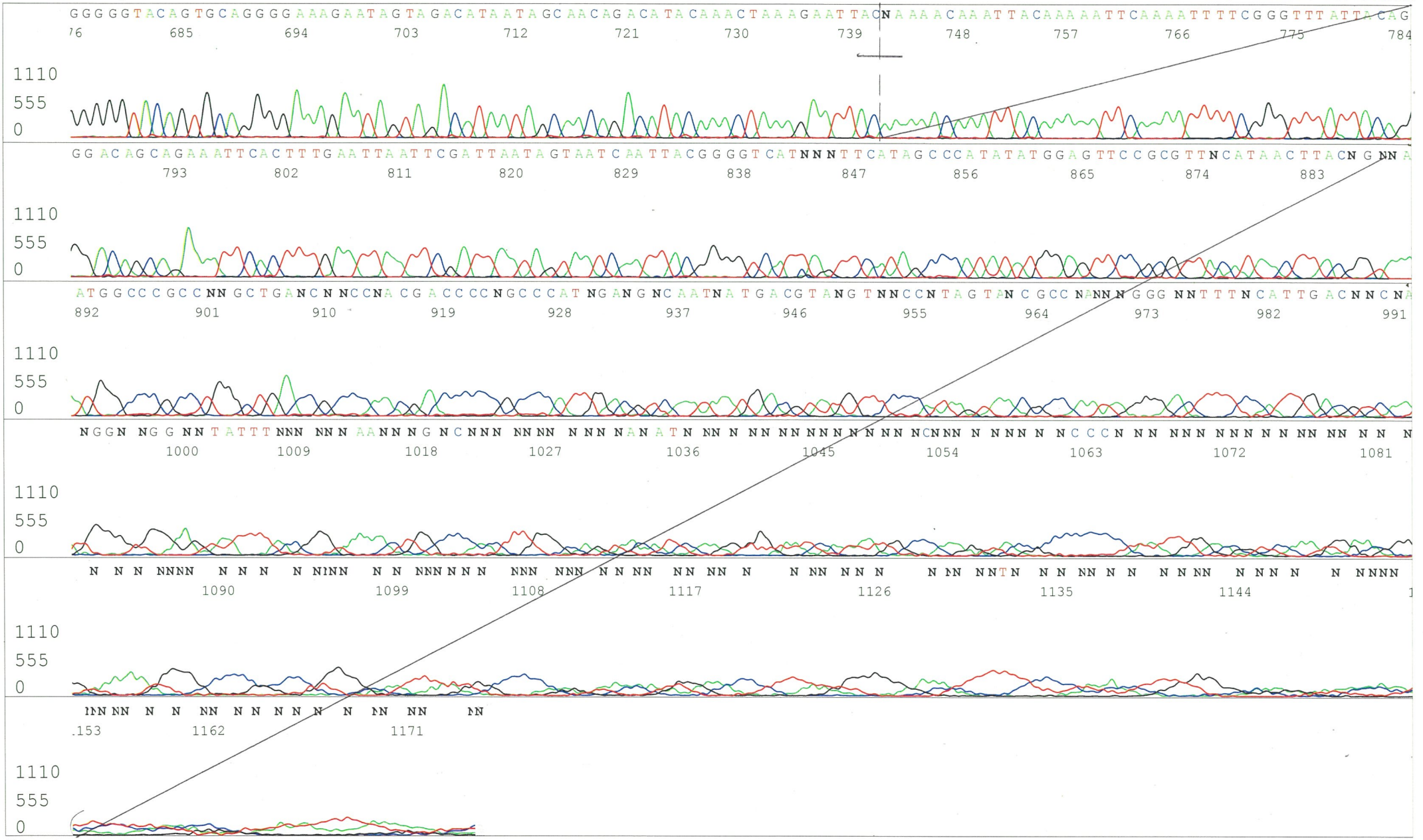


Applied Biosystems

S/N G:61 A:83 T:45 C:49
KB.bcp
KB 1.4.1.8 Cap:12

D08711A4_B2C2_1_RRE_F1_D12_12_ABI24
D08711A4_B2C2_1_RRE_F1
KB_3500_POP7_BDTv3.mob
Pts 1233 to 13760 Pk1 Loc:1210
Version 6.0 HiSQV Bases: 952

Inst Model/Name 3500/3500 Instrument
Mar 10,2022 02:03PM, JST
Mar 10,2022 02:39PM, JST
Spacing:12.35 Pts/Panel1350
Plate Name: 20220310 kitaku

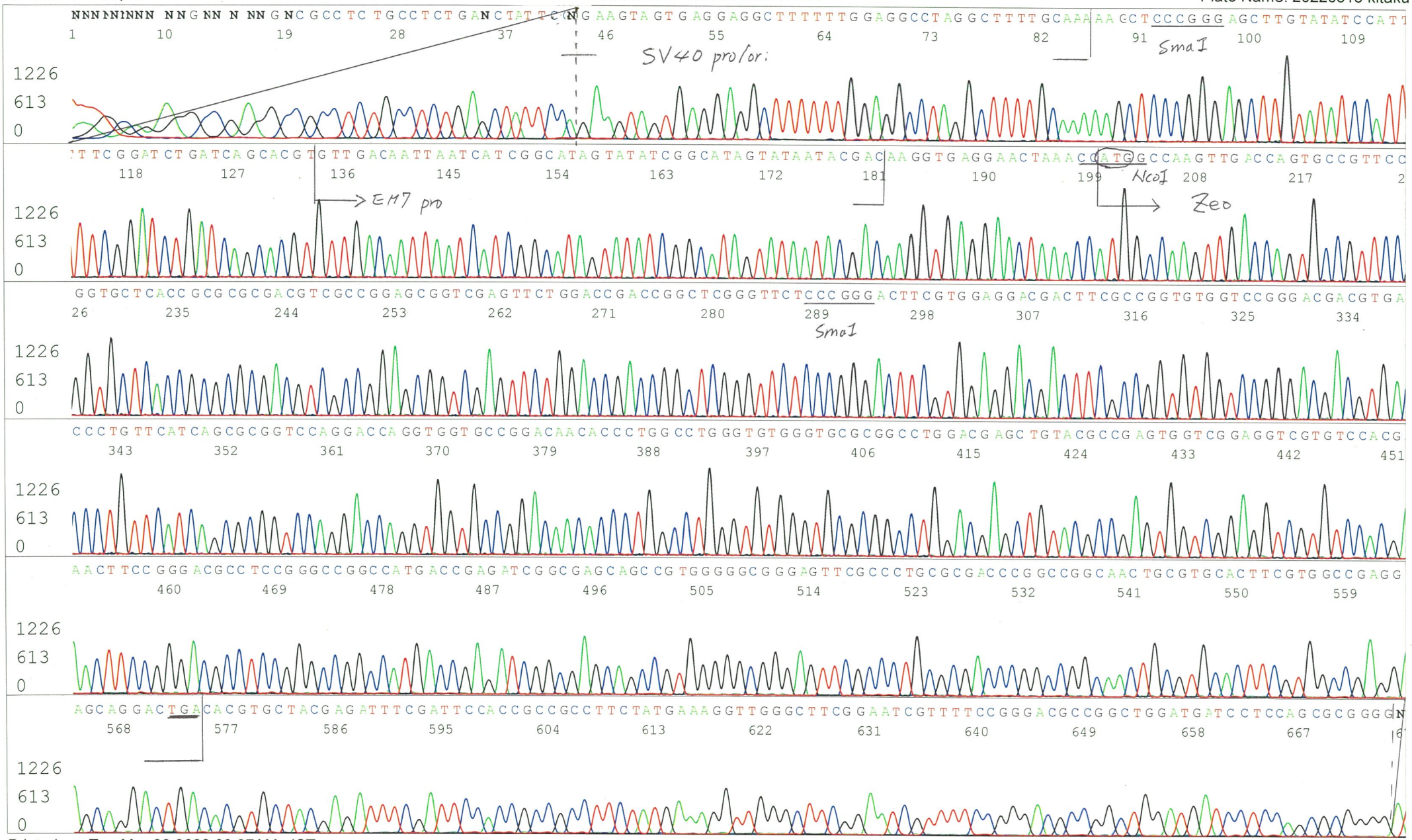


Printed on: Thu Mar 10,2022 04:24PM, JST

Applied Biosystems

D08711A4_B2C2_1_SV40pro_ori_F_A02_02_ABI24
D08711A4_B2C2_1_SV40pro_ori_F
KB_3500_POP7_BDTv3.mob
Pts 1399 to 13915 Pk1 Loc:1376
Version 6.0 HiSQV Bases: 924

Inst Model/Name 3500/3500 Instrument
Mar 18,2022 02:42PM, JST
Mar 18,2022 03:09PM, JST
Spacing:12.34 Pts/Panel1350
Plate Name: 20220318 kitaku

S/N G:317 A:191 T:148 C:188
KB.bcp
KB 1.4.1.8 Cap:2

primer name G : SV40pro_ori_F
5'- TTCTCCGCCCCATGGCTGACTAAT -3'