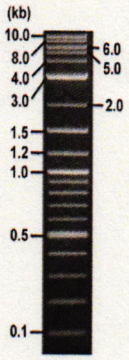
Gene Engineering Division
RIKEN BioResource Research Center

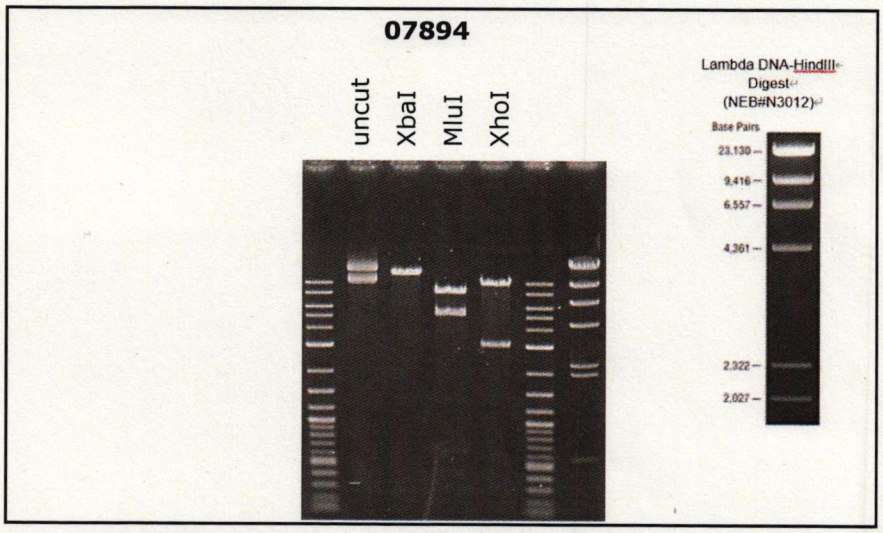
RIKEN DNA BANK

clone name : CS-CA-RfA-IRES2-Venus

- **Clone ID** : RDB _ 07894
- **Lot** : 08996 _ A5ki
- **DNA Concentration** : 25 nanogram/microliter
- **Volume** : 40 microliter
- **Form** : DNA solution in TE buffer
- **Host** : Survival2
- **Culture** : LB medium
- **Antibiotics** : 100 microgram/ml Amp ; 33 microgram/ml Cm
- **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	:	**12.7**	kbp
MluI	:	**7.7, 5.0**	kbp
XhoI	:	**9.7, 3.1**	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	Pr0164	pAxCA_F1	attR1,CmR 5'
Sequence - B	Pr0250	PRE_rev	PRE,Venus 3'
Sequence - C	Pr0037	IRES-R	attR2,ccdB
Sequence - D	Pr0036	IRES-F	IRES2,Venus 5'
Sequence - E	Pr0016	CMV_Forward	CMV pro,5' LTR,HIV-1 psi
Sequence - F	Pr0725	cPPT/CTS-E_R	cPPT_CTS,RRE
Sequence - G	Pr0885	bGH_rev3	bGH pA,3' LTR
Sequence - H	Pr0731	SV40pro_ori_F	SV40pro_ori,Zeo

APPROVED BY :

確認
'23.1.17
木嶋

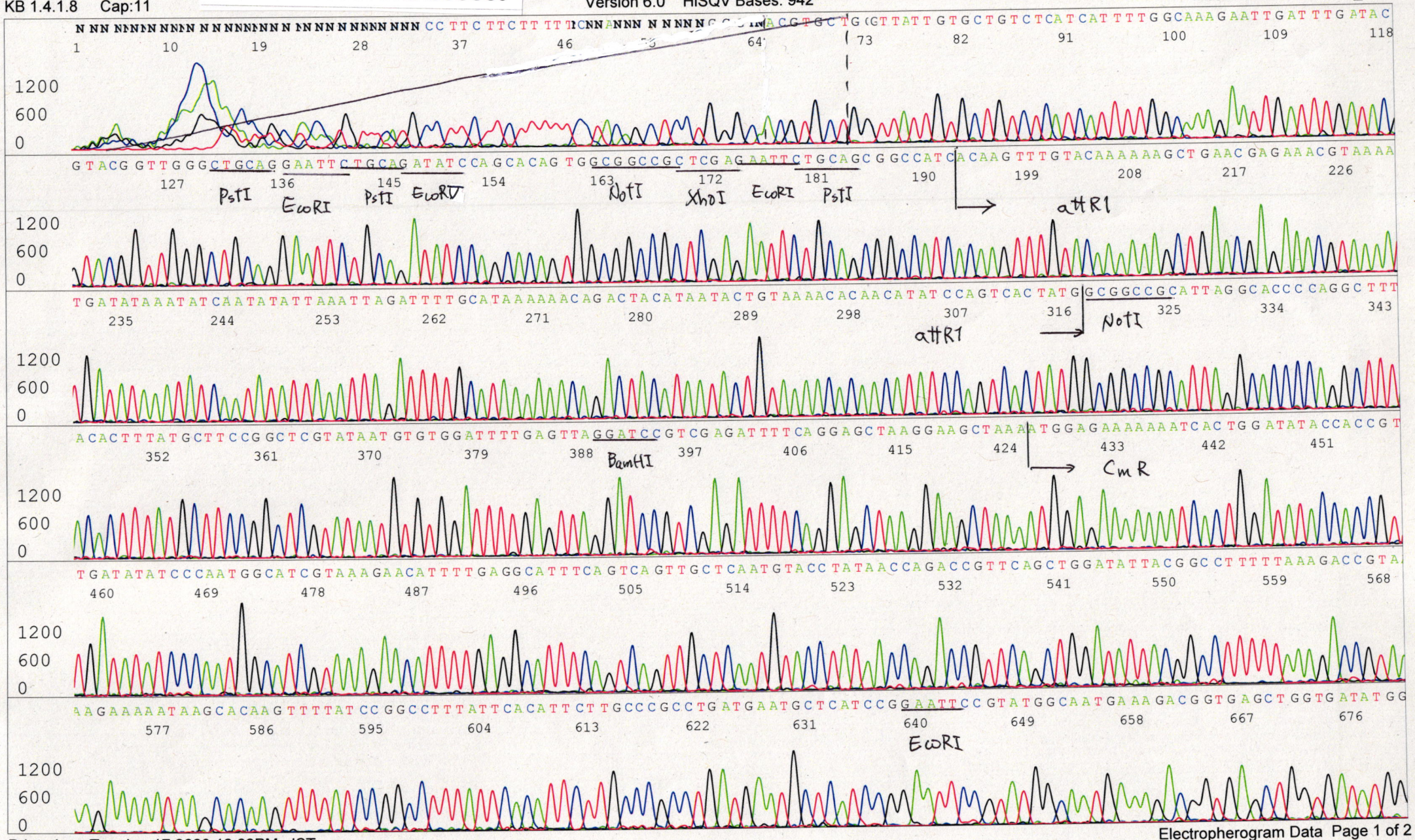
Applied Biosystems

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

primer name A : pAxCA_F1
5'GGCTTCTGGCGTGTGACCGGC3'

07894_08996_A5Ki_pAxCA_F1_D05_11
07894_08996_A5Ki_pAxCA_F1
KB_3500_POP7_BDTv3.mob
Pts 1295 to 12768 Pk1 Loc:1272
Version 6.0 HiSQV Bases: 942

Inst Model/Name 3500/3500 Instrument
Nov 30,2015 11:43AM, JST
Nov 30,2015 12:09PM, JST
Spacing:11.36 Pts/Panel1350
Plate Name: 20151130_mix2



Applied Biosystems

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

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07894_08996_A5Ki_pAxCA_F1
KB_3500_POP7_BDTv3.mob
Pts 1295 to 12768 Pk1 Loc:1272
Version 6.0 HiSQV Bases: 942

Inst Model/Name 3500/3500 Instrument
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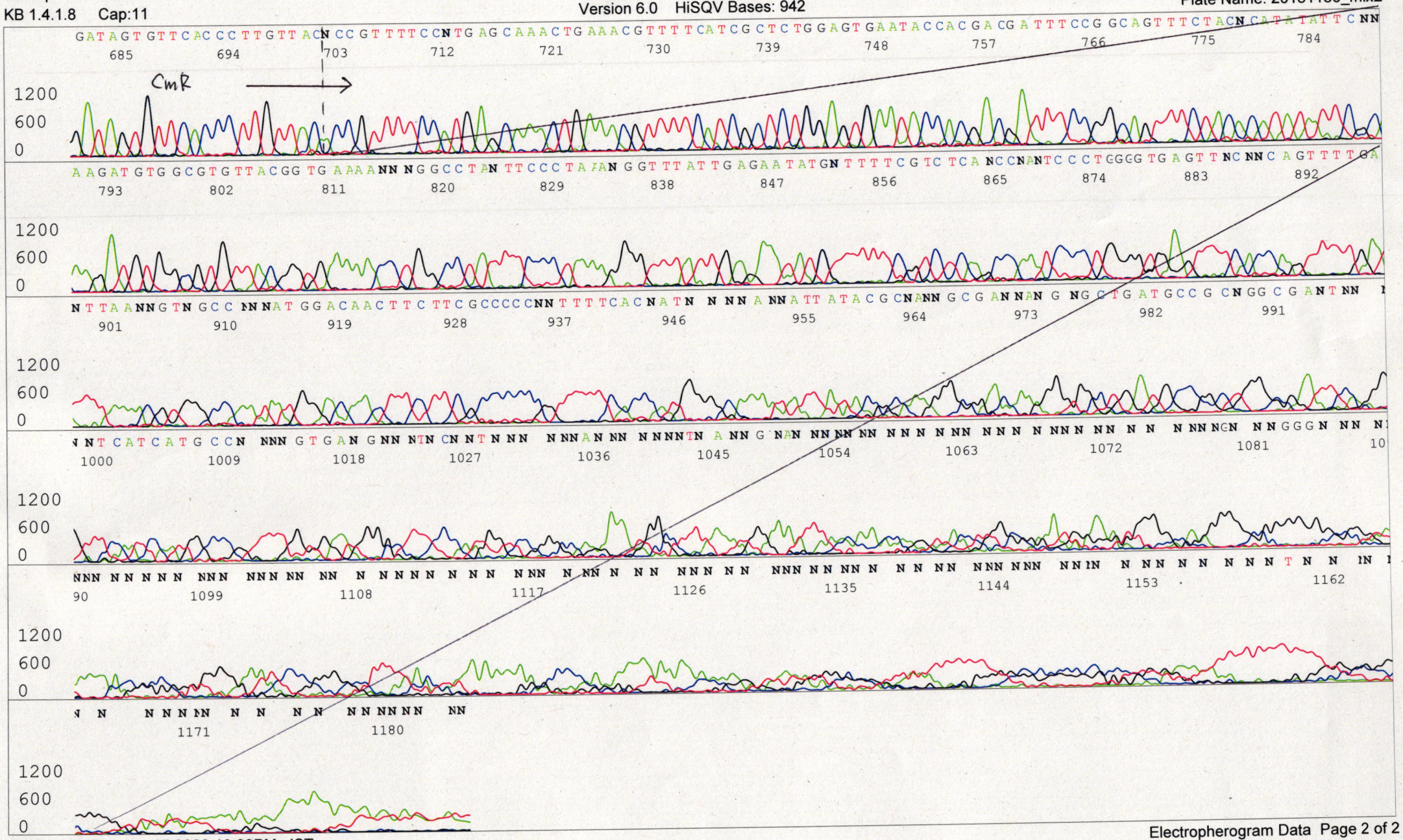

Printed on: Tue Jan 17,2023 12:02PM, JST

Applied Biosystems

S/N G:335 A:113 T:188 C:151
KB.bcp
KB 1.4.1.8 Cap:2

primer name B : PRE_rev
5'- AGCAATAGCATGATACAAAGGC -3'

07894_08996_B3AcS_PRE_rev_A02_02_ABI24
07894_08996_B3AcS_PRE_rev
KB_3500_POP7_BDTv3.mob
Pts 1324 to 13973 Pk1 Loc:1301
Version 6.0 HiSQV Bases: 976

Inst Model/Name 3500/3500 Instrument
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Jan 13,2023 02:29PM, JST
Spacing:12.27 Pts/Panel1350
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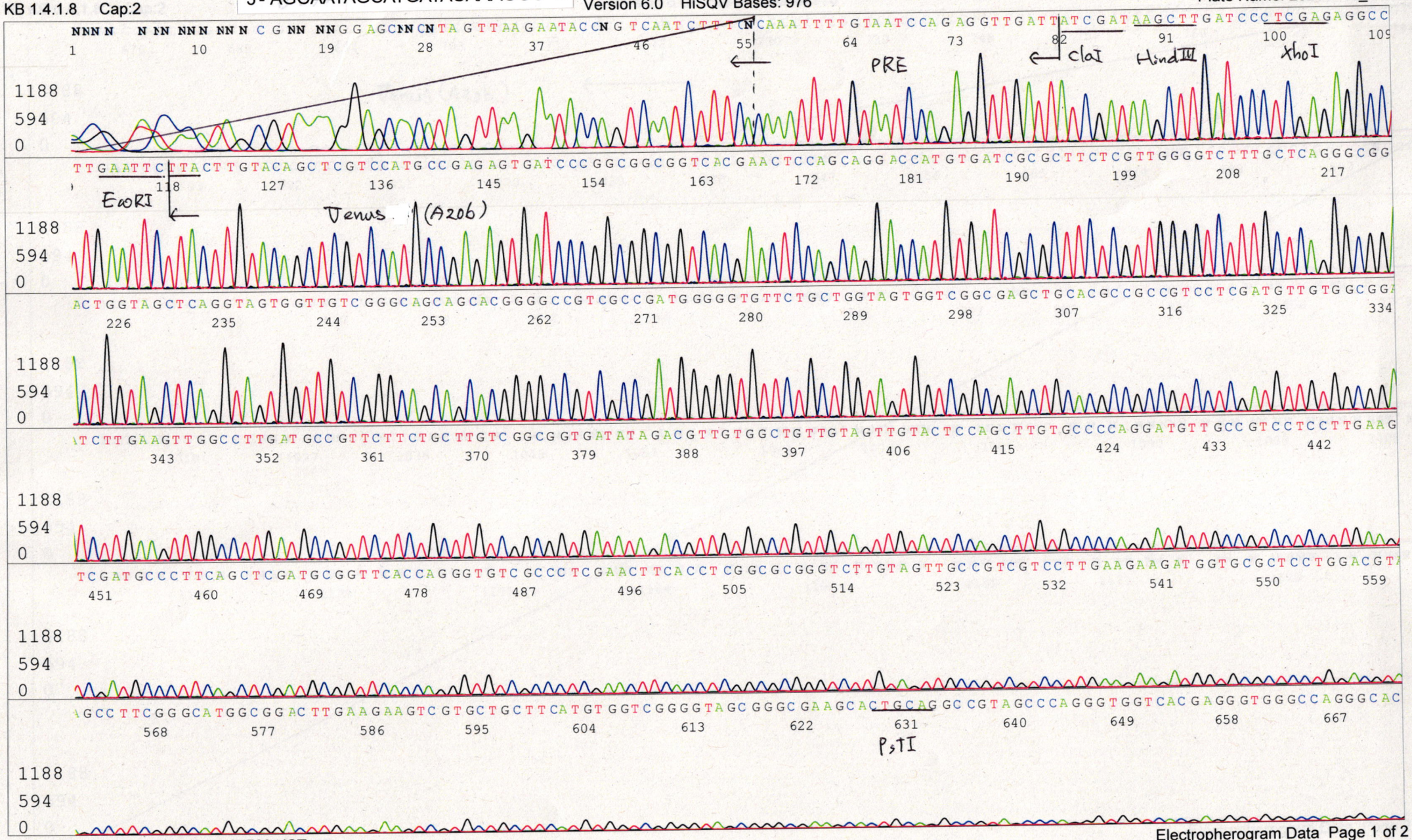

Applied Biosystems

S/N G:48 A:51 T:61 C:61
KB.bcp
KB 1.4.1.8 Cap:14

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

07894_08996_A5Ki_IRES-R_E05_14
07894_08996_A5Ki_IRES-R
KB_3500_POP7_BDTv3.mob
Pts 1314 to 12830 Pk1 Loc:1291
Version 6.0 HiSQV Bases: 969

Inst Model/Name 3500/3500 Instrument
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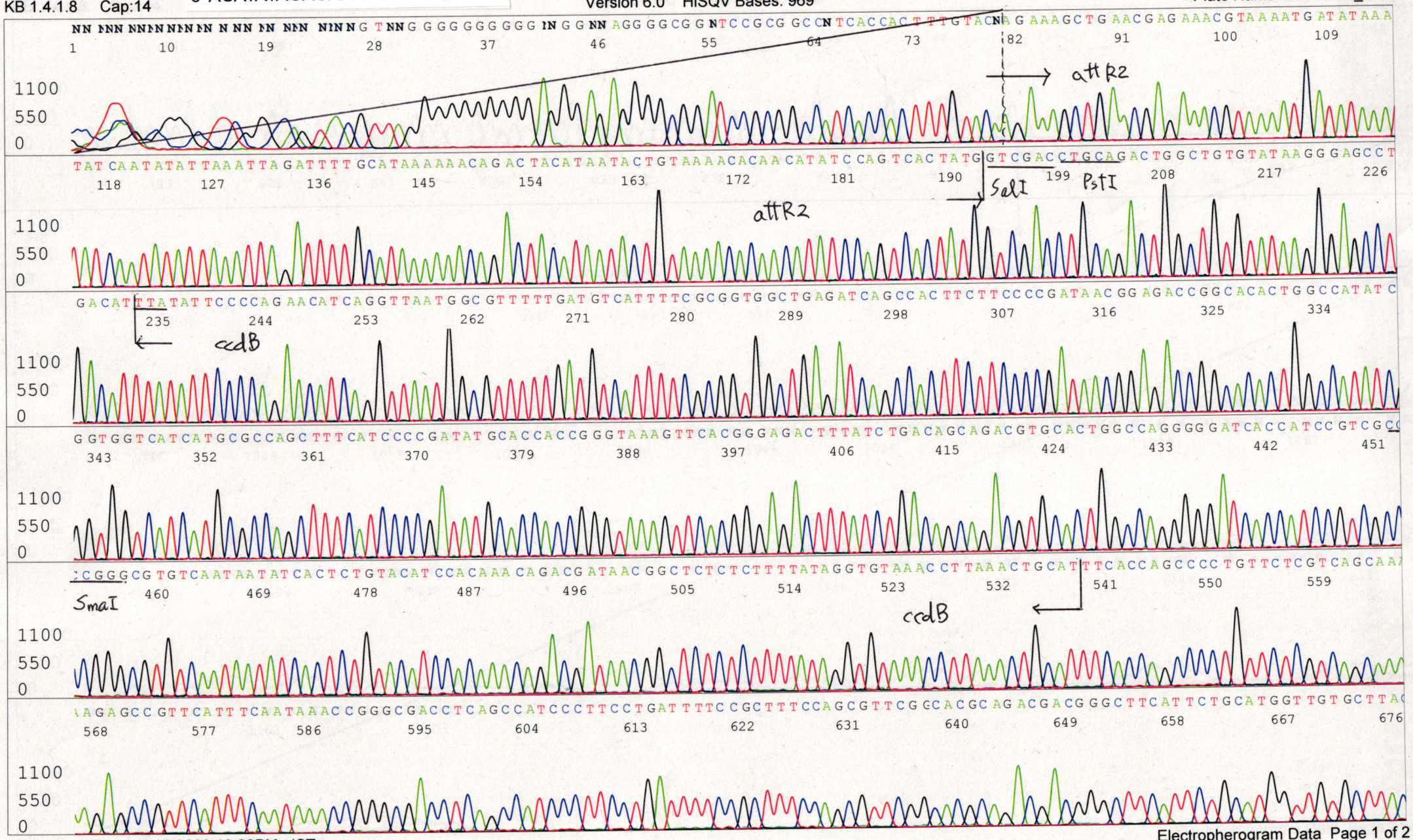

Applied Biosystems

S/N G:49 A:47 T:43 C:61
KB.bcp
KB 1.4.1.8 Cap:17

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

07894_08996_A5Ki_IRES-F_F05_17
07894_08996_A5Ki_IRES-F
KB_3500_POP7_BDTv3.mob
Pts 1355 to 12796 Pk1 Loc:1332
Version 6.0 HiSQV Bases: 968

Inst Model/Name 3500/3500 Instrument
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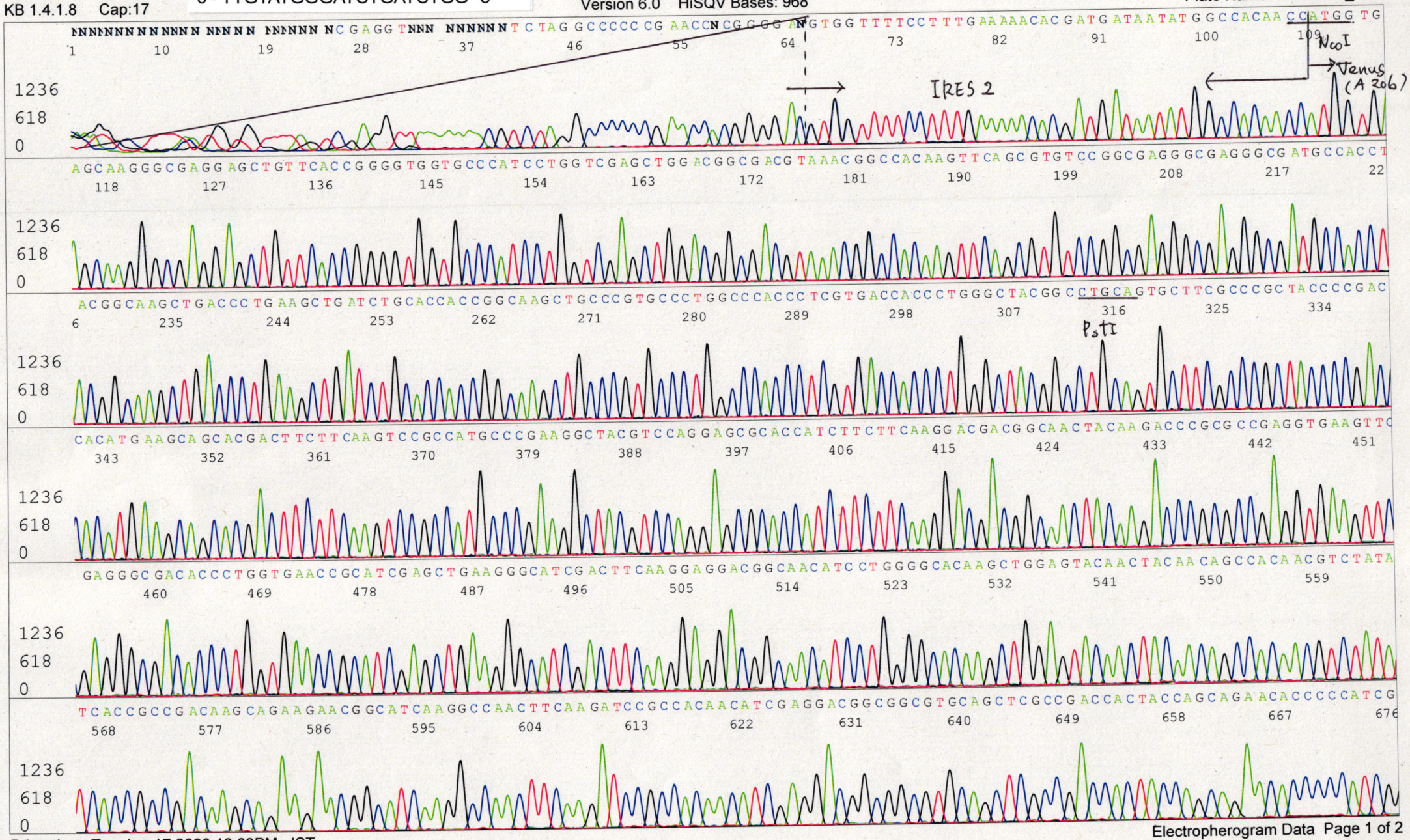
Spacing:11.27 Pts/Panel1350
Plate Name: 20151130_mix2



Applied Biosystems

S/N G:49 A:47 T:43 C:61
KB.bcp
KB 1.4.1.8 Cap:17

07894_08996_A5Ki_IRES-F_F05_17
07894_08996_A5Ki_IRES-F
KB_3500_POP7_BDTv3.mob
Pts 1355 to 12796 Pk1 Loc:1332
Version 6.0 HiSQV Bases: 968

Inst Model/Name 3500/3500 Instrument
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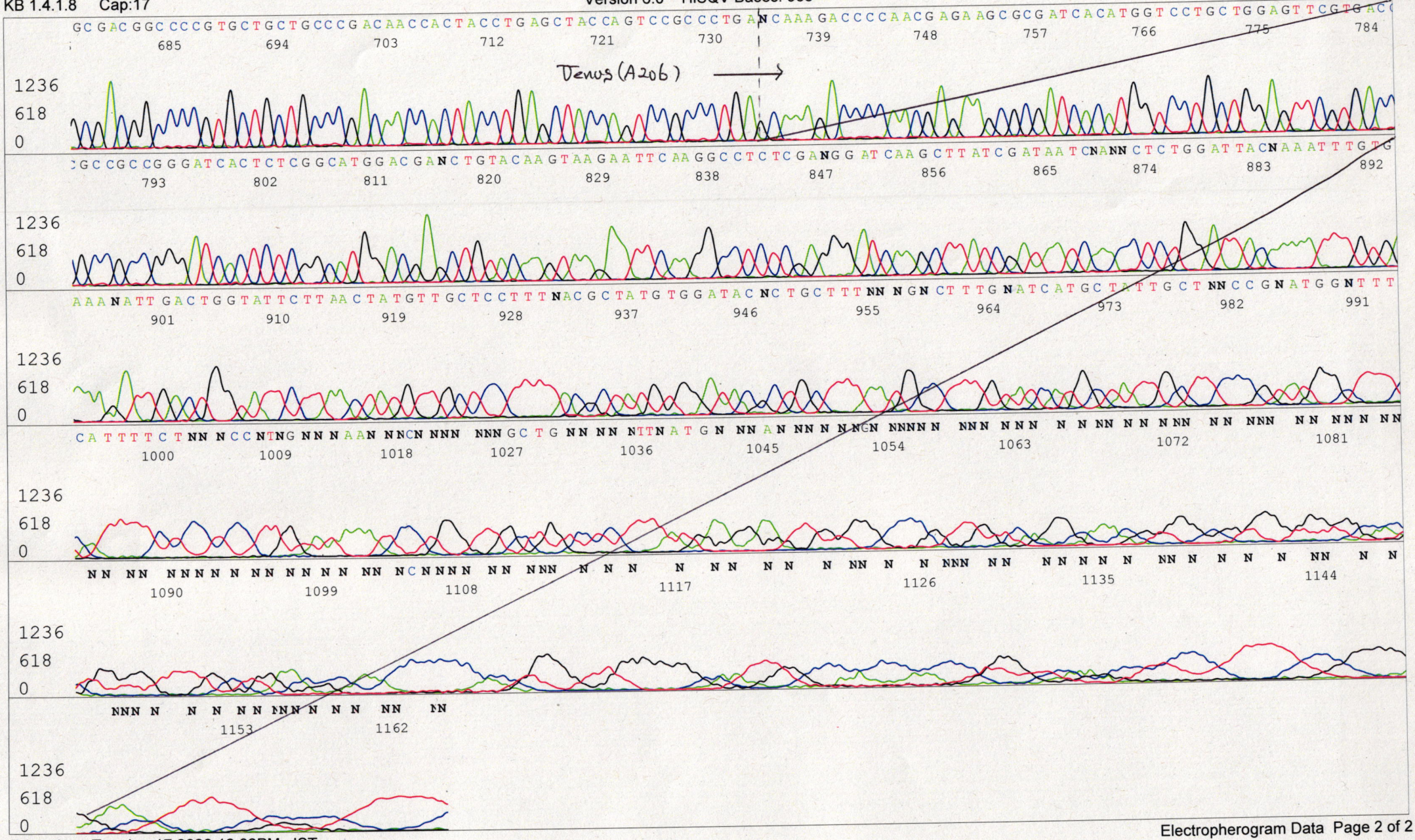

Printed on: Tue Jan 17,2023 12:02PM, JST

Applied Biosystems

S/N G:296 A:159 T:122 C:136
KB.bcp
KB 1.4.1.8 Cap:5

primer name E : CMV_Forward
5' GCACCAAAATCAACGGGACTT 3'

07894_08996_B3AcS_CMV-Forward_B02_05_ABI24
07894_08996_B3AcS_CMV-Forward
KB_3500_POP7_BDTv3.mob
Pts 1340 to 13665 Pk1 Loc:1317
Version 6.0 HiSQV Bases: 967

Inst Model/Name 3500/3500 Instrument
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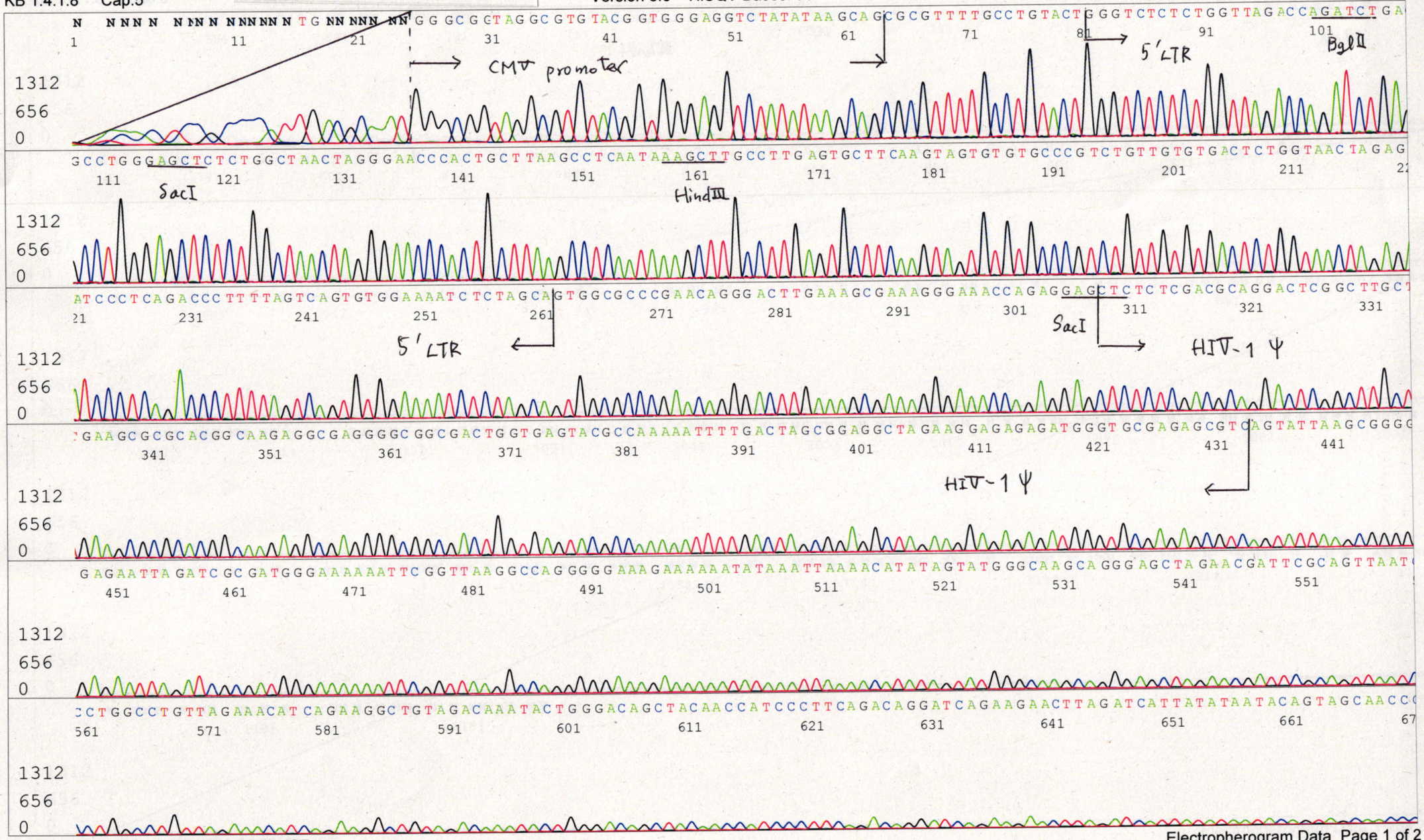
Jan 13,2023 02:29PM, JST
Spacing:12.27 Pts/Panel1350
Plate Name: 20230113_mix



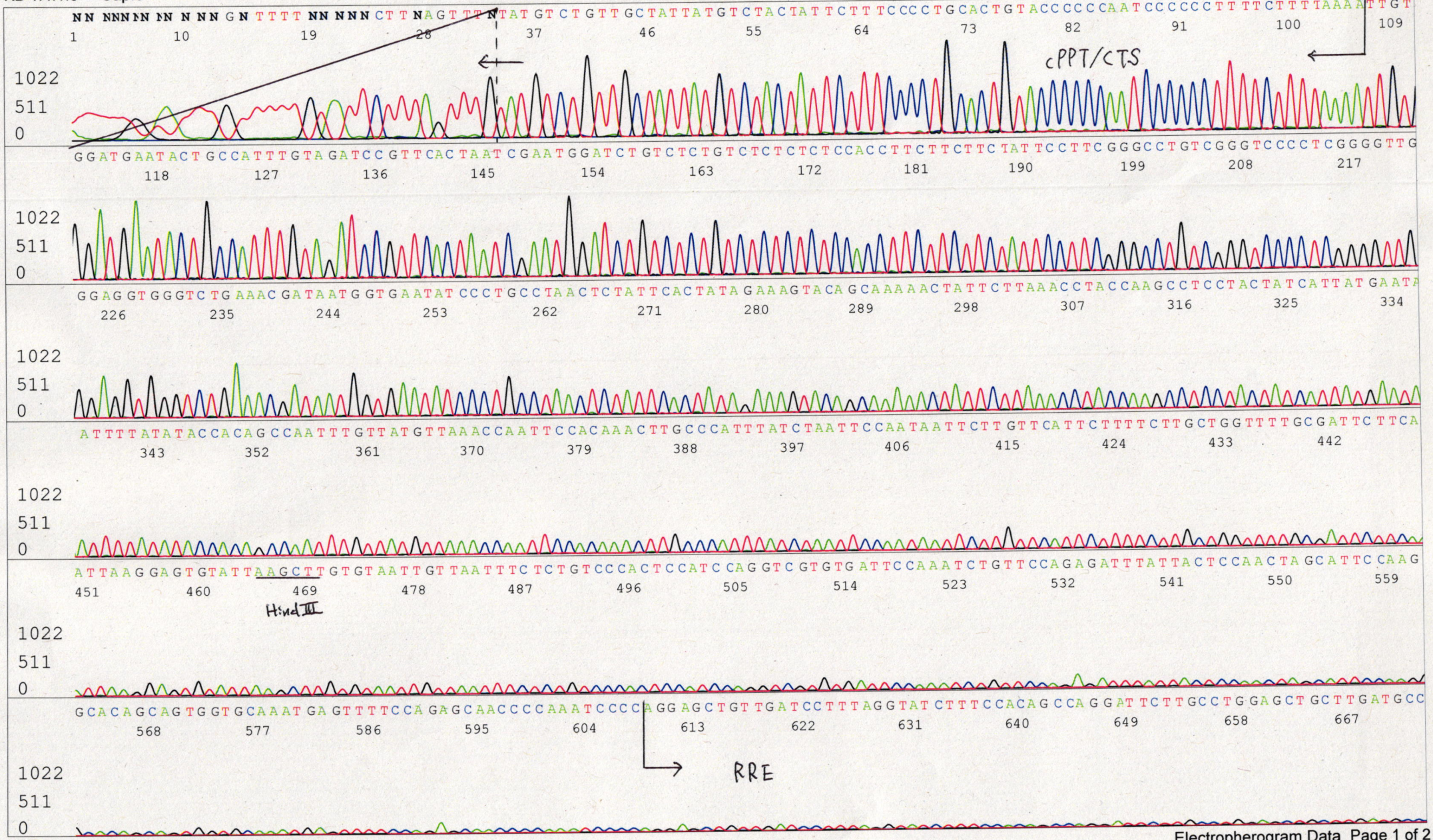
Applied Biosystems

S/N G:154 A:97 T:146 C:99
KB.bcp
KB 1.4.1.8 Cap:8

primer name F : cPPT/CTS-E_R
5'- GCTGTCCCTGTAATAAACCCG -3'

07894_08996_B3AcS_cPPT_CTS-E_R_C02_08_ABI24
07894_08996_B3AcS_cPPT_CTS-E_R
KB_3500_POP7_BDTv3.mob
Pts 1356 to 13923 Pk1 Loc:1333
Version 6.0 HiSQV Bases: 873

Inst Model/Name 3500/3500 Instrument
Jan 13,2023 01:48PM, JST
Jan 13,2023 02:29PM, JST
Spacing:12.08 Pts/Panel1350
Plate Name: 20230113_mix



Applied Biosystems

S/N G:154 A:97 T:146 C:99
KB.bcp
KB 1.4.1.8 Cap:8

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07894_08996_B3AcS_cPPT_CTS-E_R
KB_3500_POP7_BDTv3.mob
Pts 1356 to 13923 Pk1 Loc:1333
Version 6.0 HiSQV Bases: 873

Inst Model/Name 3500/3500 Instrument
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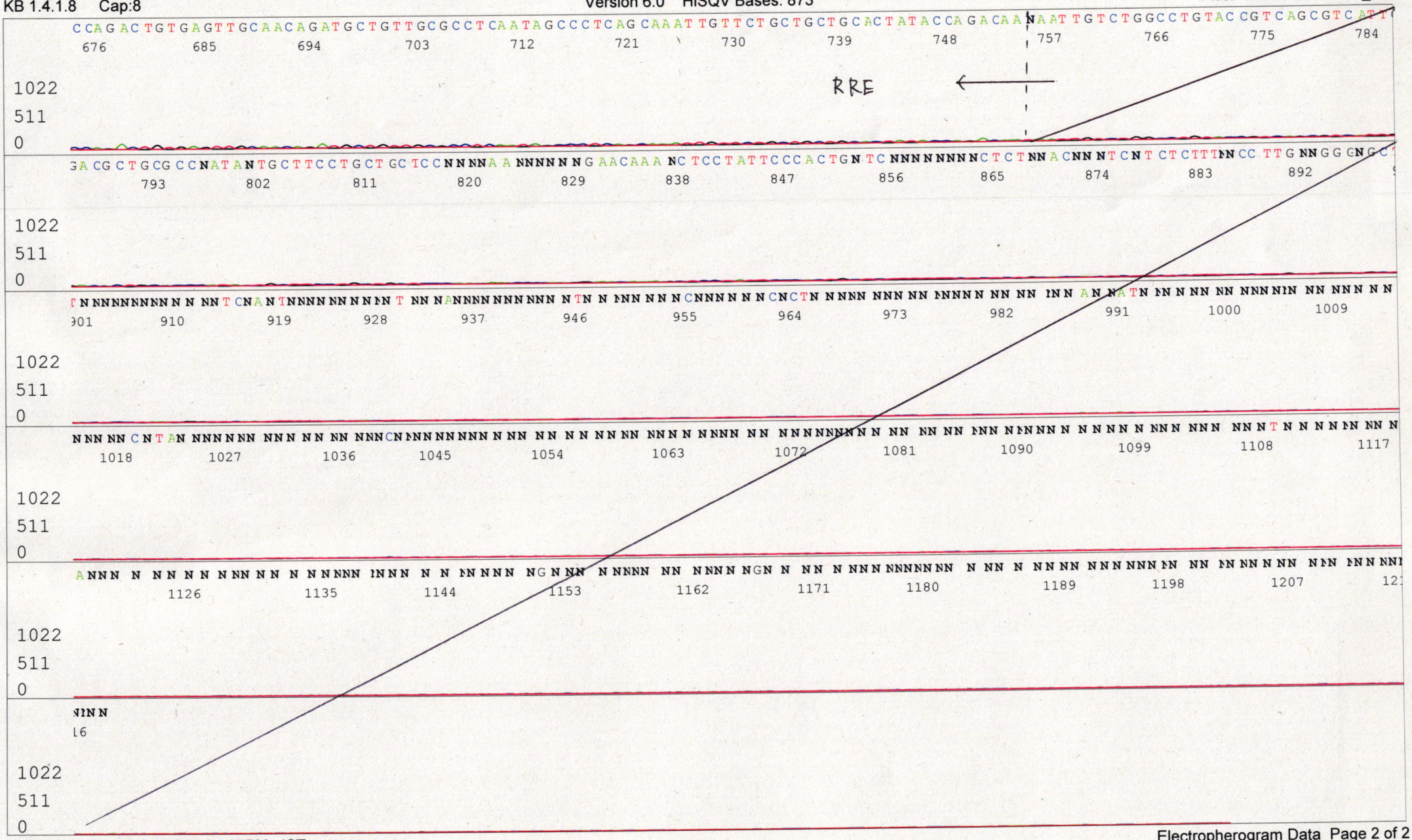
Spacing:12.08 Pts/Panel1350
Plate Name: 20230113_mix



Printed on: Fri Jan 13,2023 04:07PM, JST

Applied Biosystems

S/N G:263 A:155 T:111 C:126
KB.bcp
KB 1.4.1.8 Cap:11

primer name : bGH_rev3
5' TTAGGAAAGGACAGTGGGAGTG 3'

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07894_08996_B3AcS_bGH_rev3
KB_3500_POP7_BDTv3.mob
Pts 1346 to 13781 Pk1 Loc:1323
Version 6.0 HiSQV Bases: 964

Inst Model/Name 3500/3500 Instrument
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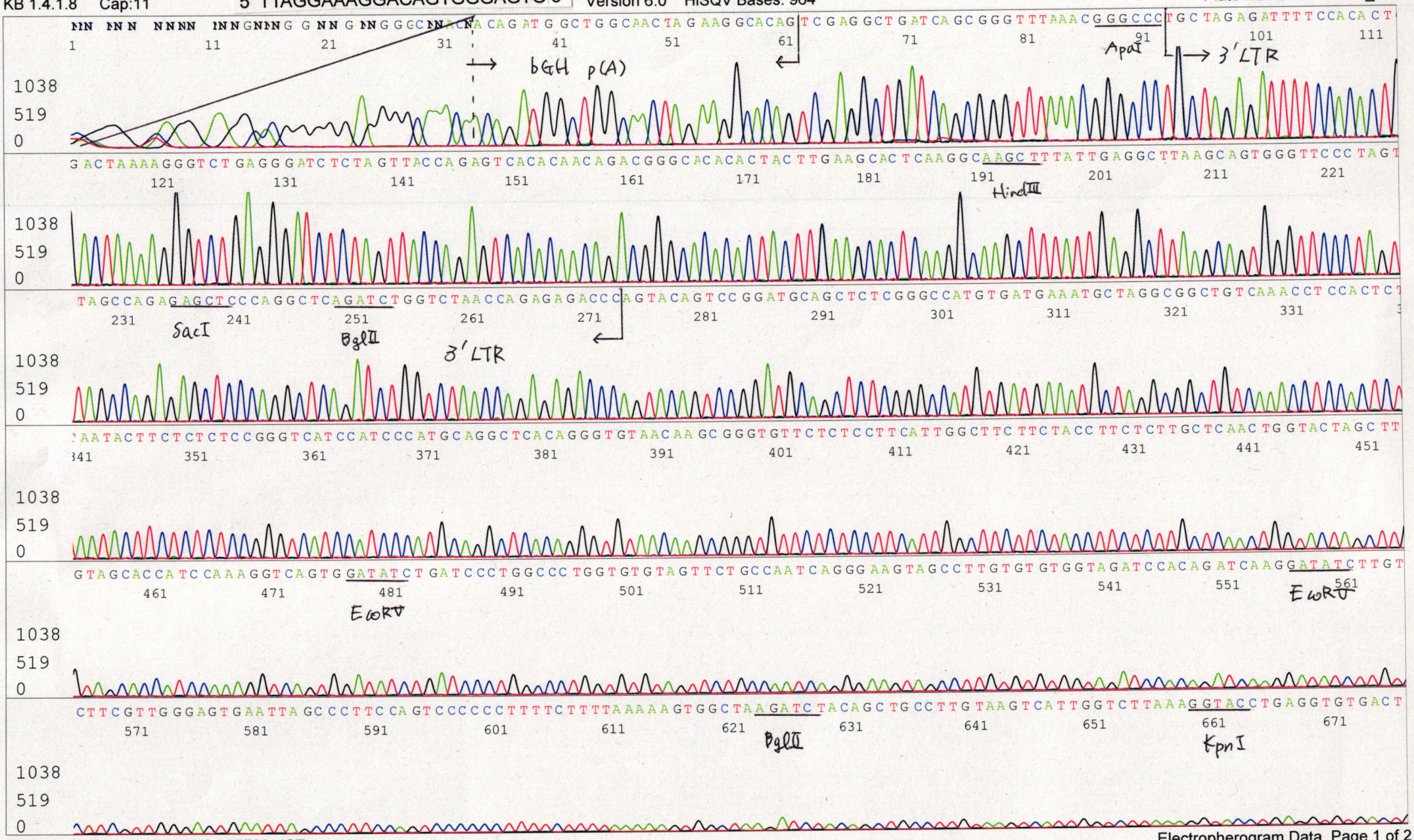
Spacing:12.21 Pts/Panel1350
Plate Name: 20230113_mix

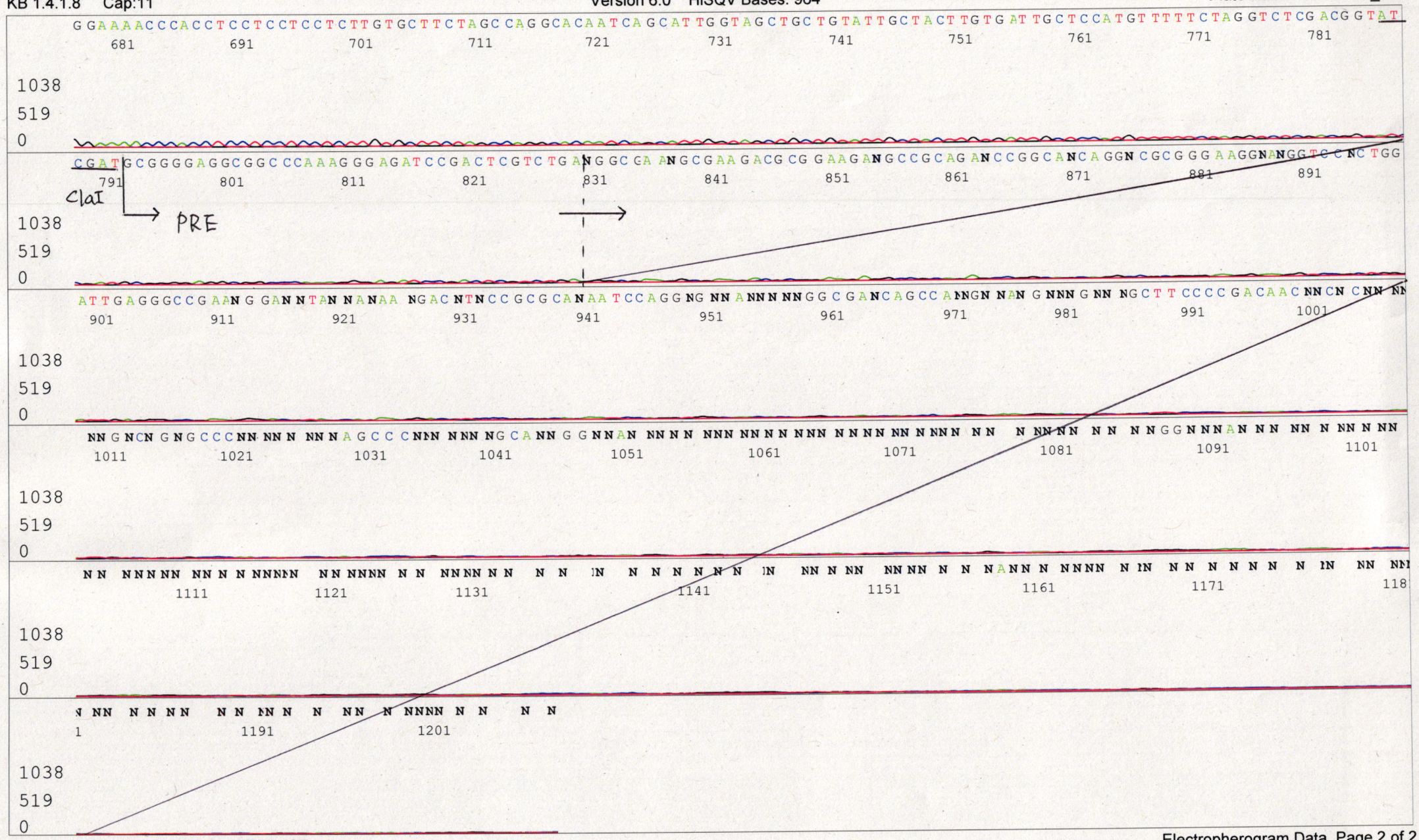


Applied Biosystems

S/N G:263 A:155 T:111 C:126
KB.bcp
KB 1.4.1.8 Cap:11

07894_08996_B3AcS_bGH_rev3_D02_11_ABI24
07894_08996_B3AcS_bGH_rev3
KB_3500_POP7_BDTv3.mob
Pts 1346 to 13781 Pk1 Loc:1323
Version 6.0 HiSQV Bases: 964

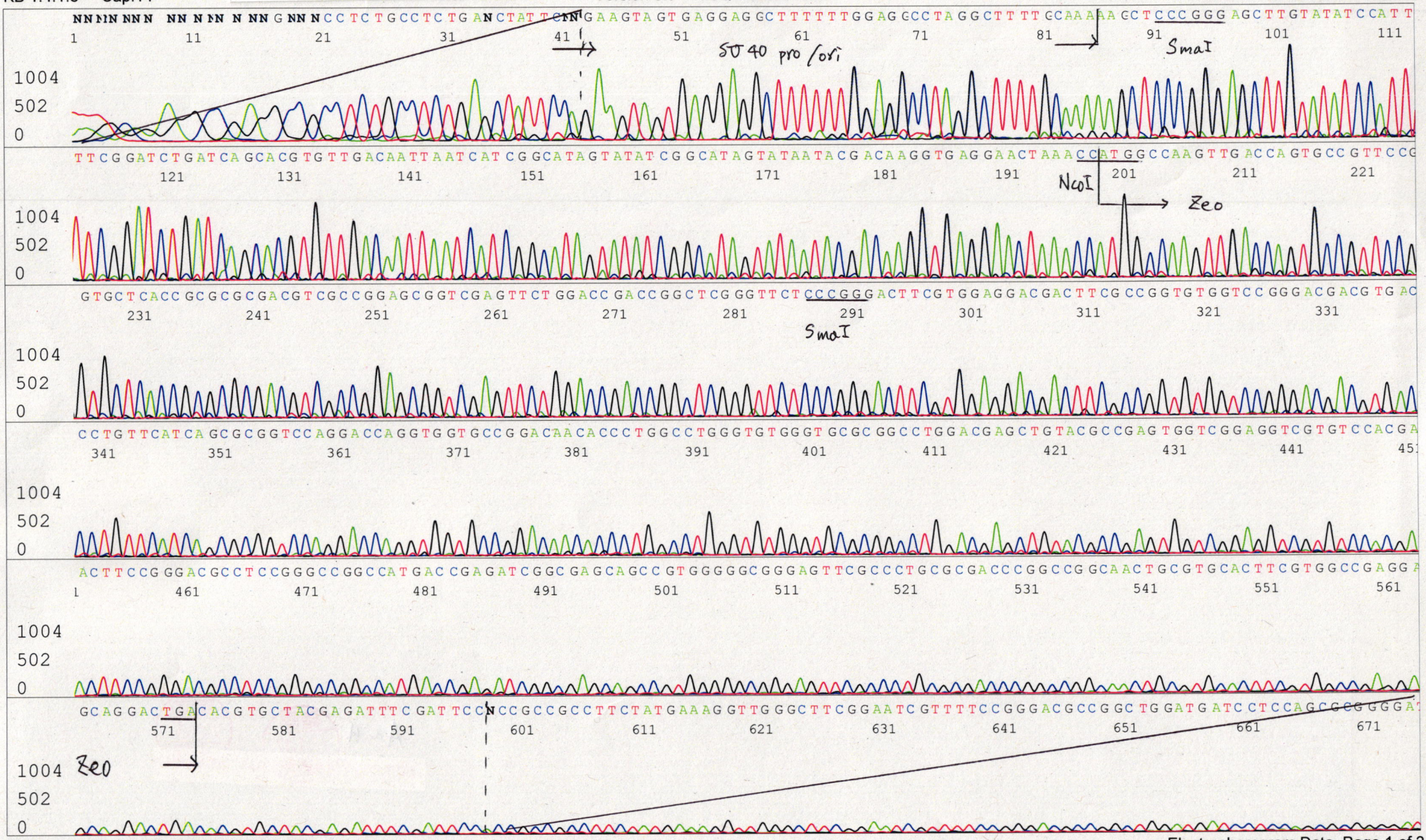
Inst Model/Name 3500/3500 Instrument
Jan 13,2023 01:48PM, JST
Jan 13,2023 02:29PM, JST
Spacing:12.21 Pts/Panel1350
Plate Name: 20230113_mix


GGAAAACCCACCTCCTCCTCCTCTTGTGCTTCTAGCCAGGCACAATCAGCATTGGTAGCTGCTGTATTGCTACTTGTGATTGCTCCATGTTTTTCTAGGTCTCGACGGTAT
681 691 701 711 721 731 741 751 761 771 781
1038
519
0
CGATGCGGGGAGGCGGCCCAAAGGGAGATCCGACTCGTCTGANGGCGANGCGAAGACGCGGAAGANGCCGCAGANCCGGCANCAGGNCGCGGGAAGGNANGGTCCNCTGG
791 801 811 821 831 841 851 861 871 881 891
ClaI
PRE
1038
519
0
ATTGAGGGCCGAANGGANNTANNANAA NGACNTNCCGCGCANAATCCAGGNG NNANNNNGGCGANCAGCCANNGNNANGNNNGNNNGCTTCCCCGACAACNNCNCNNNN
901 911 921 931 941 951 961 971 981 991 1001
1038
519
0
NNGNCNGNGCCCNNNNNNNNAGCCCNNNNNNNGCANNGGNNANNNNNNNNNNNNNNNNNNNNNNNNNNNNGGNNNANNNNNNNNNN
1011 1021 1031 1041 1051 1061 1071 1081 1091 1101
1038
519
0
NN NNNNN NNNNNNNNNN NNNNNN NNNNNNNNNNNNNNNNNNNN

Applied Biosystems

S/N G:224 A:138 T:97 C:121
KB.bcp
KB 1.4.1.8 Cap:14

primer name : SV40pro_ori_F
5' TTCTCCGCCCCATGGCTGACTAAT 3'

07894_08996_B3AcS_SV40pro_ori_F_E02_14_ABI24
07894_08996_B3AcS_SV40pro_ori_F
KB_3500_POP7_BDTv3.mob
Pts 1376 to 13824 Pk1 Loc:1353
Version 6.0 HiSQV Bases: 938

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