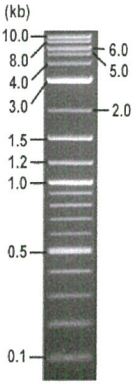
Gene Engineering Division
RIKEN BioResource Research Center

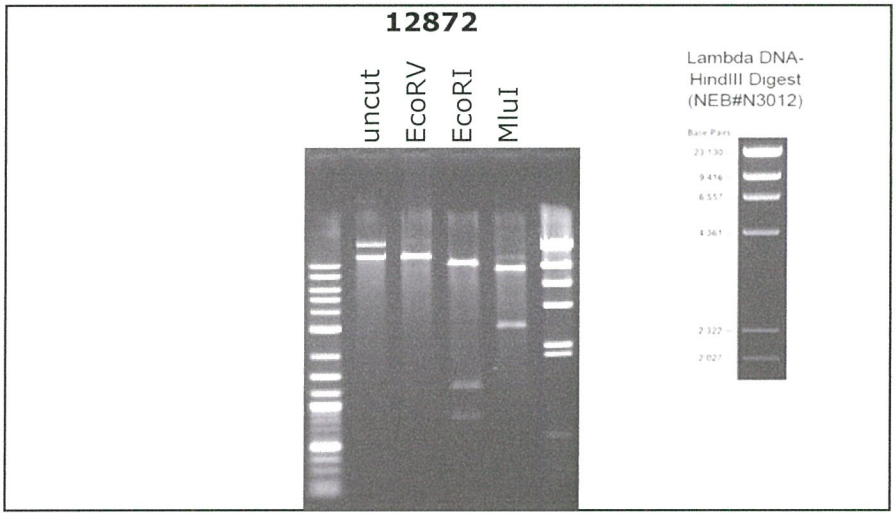
RIKEN DNA BANK

clone name : CSIV-RfA-TRE-EF-KT

- **Clone ID** : RDB _ 12872
- **Lot** : 12872 _ A4Kr
- **DNA Concentration** : 25 nanogram/microliter
- **Volume** : 40 microliter
- **Form** : DNA solution in TE buffer
- **Host** : Survival2
- **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	
EcoRV	:	**12.4**	kbp
EcoRI	:	**10.3, 1.3, 0.8**	kbp
MluI	:	**8.2, 3.2**	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	Pr0258	env_F	cPPT_CTS, attR2, ccdB
Sequence - B	Pr0024	EF1a-N_R	EF1 alpha pro 5', tight TRE pro, attR1, lac UV5 pro
Sequence - C	Pr0168	EF1a-C_F	EF1 alpha pro, hKO,
Sequence - D	Pr0542	tTA-Ad R	rtTA-Advanced 3',T2A,hKO
Sequence - E	Pr0016	CMV_Forward	CMV pro, 3', 5' LTR, HIV-1 psi
Sequence - F	Pr0250	PRE_rev	PRE,rtTA-Advanced 3'
Sequence - G	Pr0885	bGH_rev3	bGH pA 5', 3' LTR, loxP
Sequence - H	Pr0731	SV40pro_ori_F	SV40 pro_ori, Zeo

APPROVED BY :

確認
21.9.-2
栗原

Applied Biosystems

S/N G:41 A:46 T:37 C:30
KB.bcp
KB 1.4.1.8 Cap:4

primer name A : env_F
5'-AAGGAATAGAAGAAGAAGGTGG-3'

12872_12872_B1HjF_2_env_F_D03_04_ABI08
12872_12872_B1HjF_2_env_F
KB_3500_POP7_BDTv3.mob
Pts 1491 to 13107 Pk1 Loc:1468
Version 6.0 HiSQV Bases: 760

Inst Model/Name 3500/3500 Instrument
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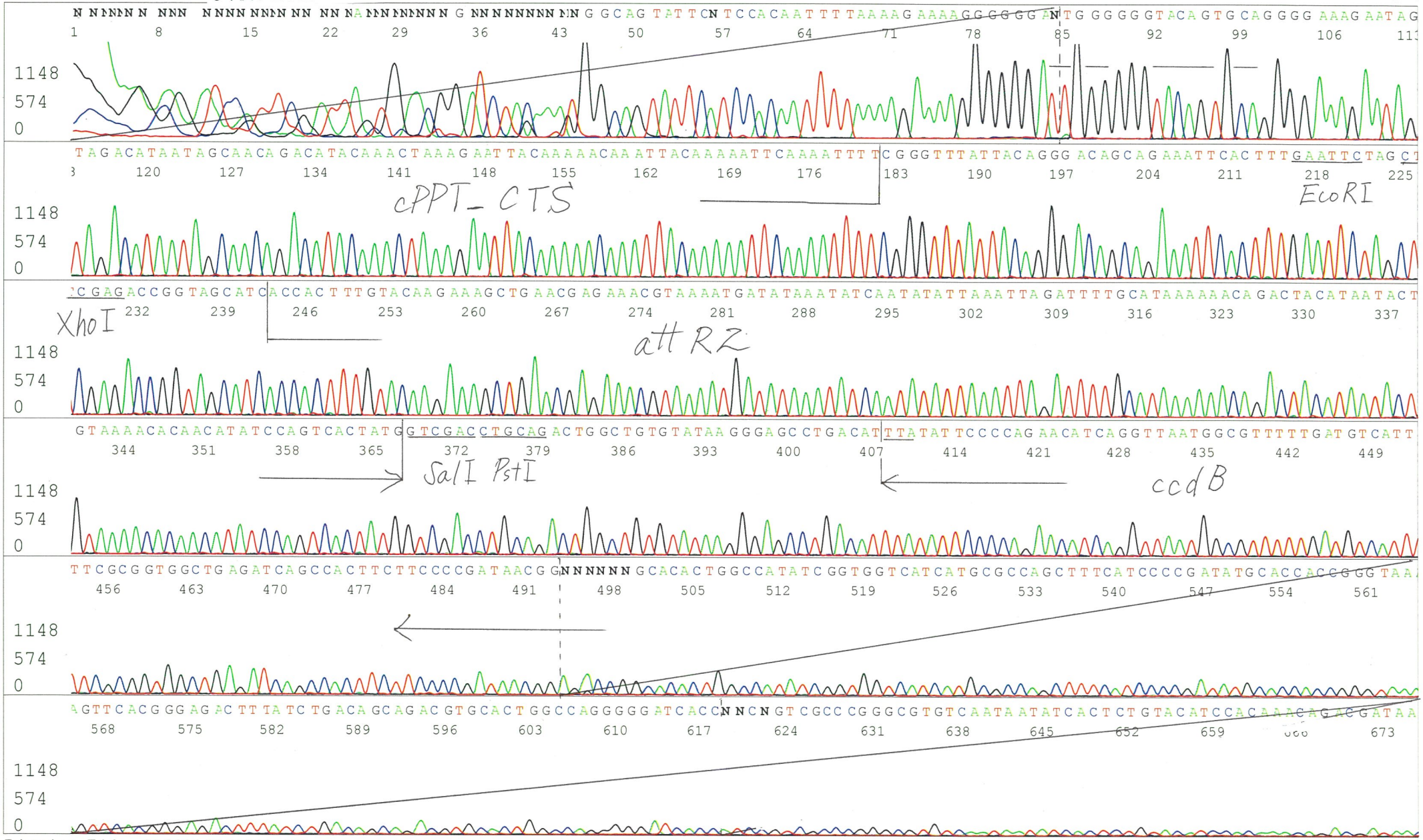
Aug 20,2021 11:23AM, JST
Spacing:11.61 Pts/Panel1350
Plate Name: 20210820 kitaku



Applied Biosystems

S/N G:88 A:81 T:72 C:64
KB.bcp
KB 1.4.1.8 Cap:1

primer name B : EF1a-N_R
5'-TAGGCACCGGTTCAATTG-3'

12872_12872_B1HjF_2_EF1a-N_R_A03_01_ABI08
12872_12872_B1HjF_2_EF1a-N_R
KB_3500_POP7_BDTv3.mob
Pts 1541 to 13050 Pk1 Loc:1518
Version 6.0 HiSQV Bases: 909

Inst Model/Name 3500/3500 Instrument
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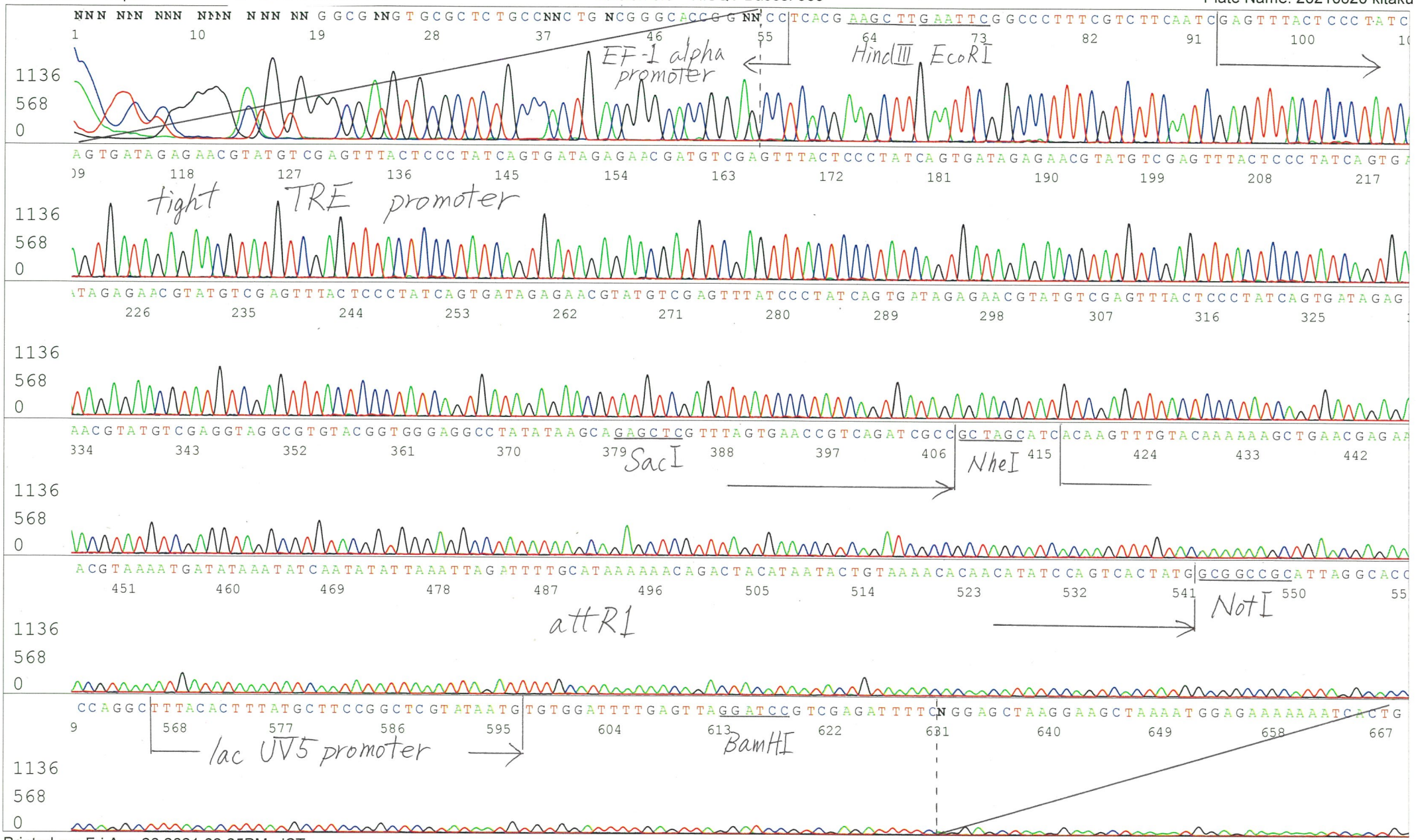

Applied Biosystems

S/N G:193 A:210 T:208 C:391
KB.bcp
KB 1.4.1.8 Cap:5

primer name : EF1a-C_F
5'-AGTTAGGCCAGCTTGGCACTTGATG-3'

12872_12872_A4Kr_2_EF1a-C_F_B02_05_ABI24
12872_12872_A4Kr_2_EF1a-C_F
KB_3500_POP7_BDTv3.mob
Pts 1652 to 12644 Pk1 Loc:1629
Version 6.0 HiSQV Bases: 829

Inst Model/Name 3500/3500 Instrument
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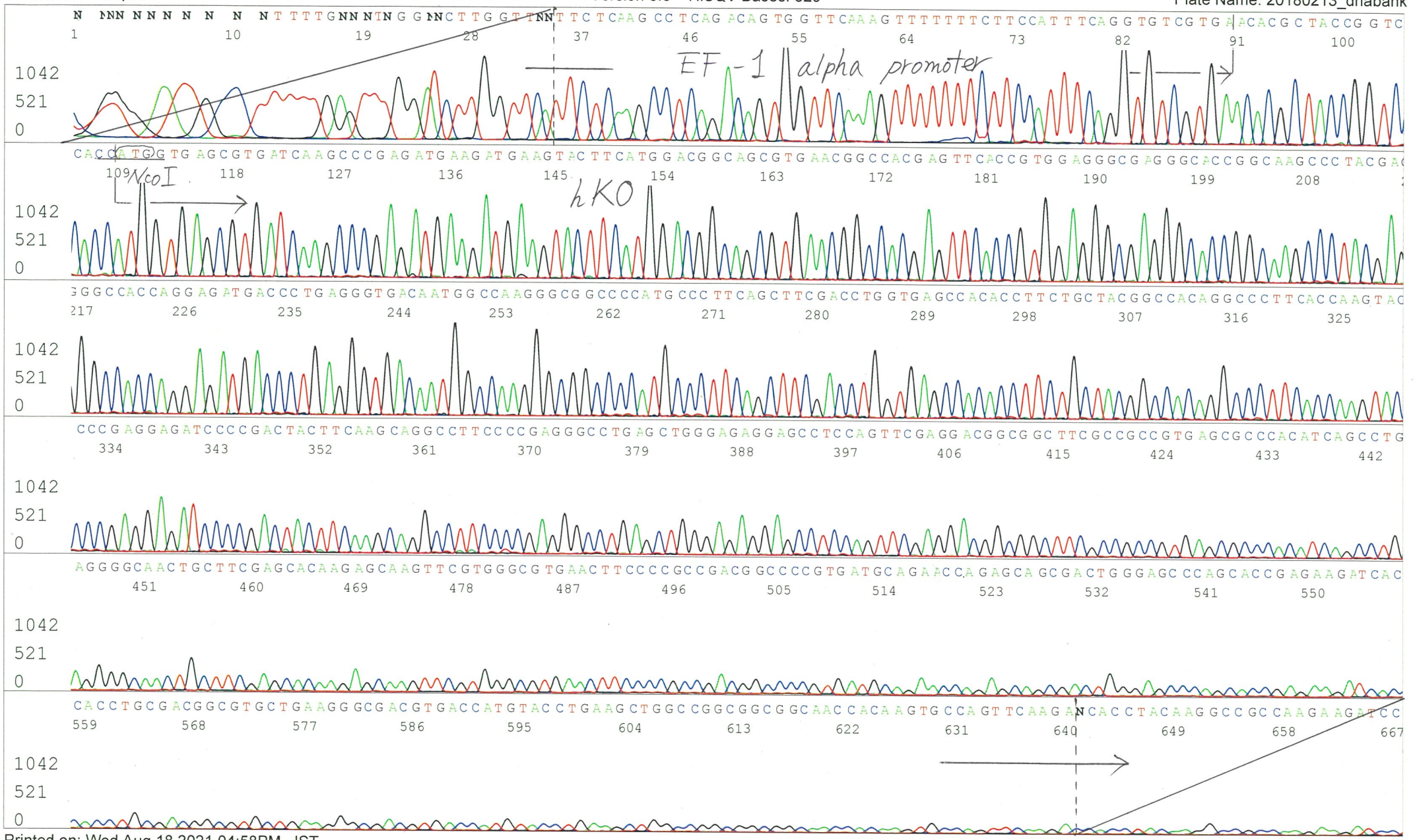
Feb 13,2018 11:03AM, JST
Spacing:11.08 Pts/Panel1350
Plate Name: 20180213_dnabank



Applied Biosystems

S/N G:81 A:28 T:41 C:58
KB.bcp
KB 1.4.1.8 Cap:5

primer name D : tTA-Ad R
5' TCGTCAGGCCTTCGATACC 3'

12872_12872_B1HjF_tTA-AdR_E09_05_ABI08
12872_12872_B1HjF_tTA-AdR
KB_3500_POP7_BDTv3.mob
Pts 1665 to 8704 Pk1 Loc:1633
Version 6.0 HiSQV Bases: 643

Inst Model/Name 3500/3500 Instrument
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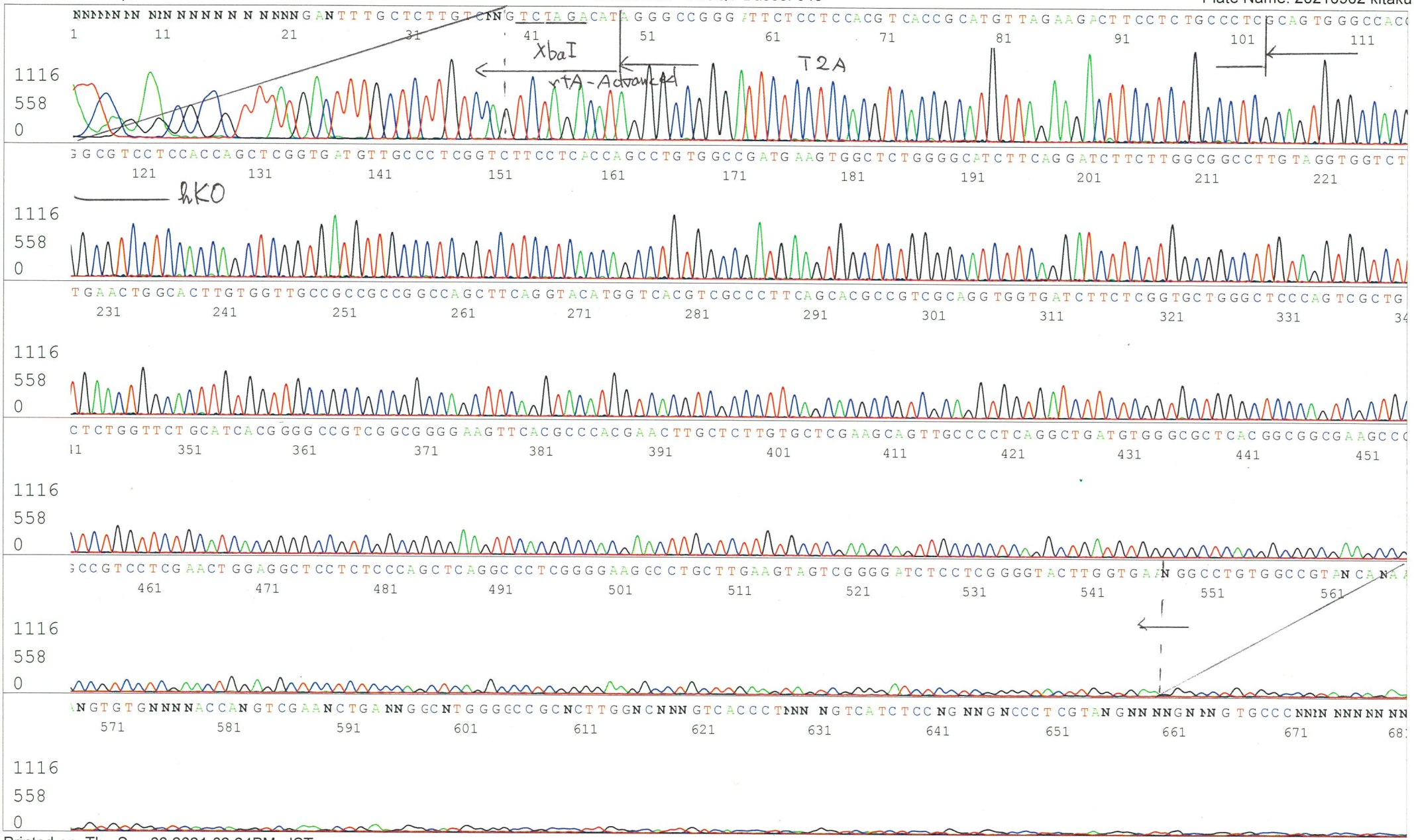
Spacing:10.84 Pts/Panel1350
Plate Name: 20210902 kitaku



Applied Biosystems

S/N G:53 A:37 T:34 C:33
KB.bcp
KB 1.4.1.8 Cap:5

primer name E : CMV_Forward
5'- GCACCAAAATCAACGGGACTT -3'

12872_12872_B1HjF_2_CMV_Forward_E03_05_ABI08
12872_12872_B1HjF_2_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1500 to 12953 Pk1 Loc:1477
Version 6.0 HiSQV Bases: 836

Inst Model/Name 3500/3500 Instrument
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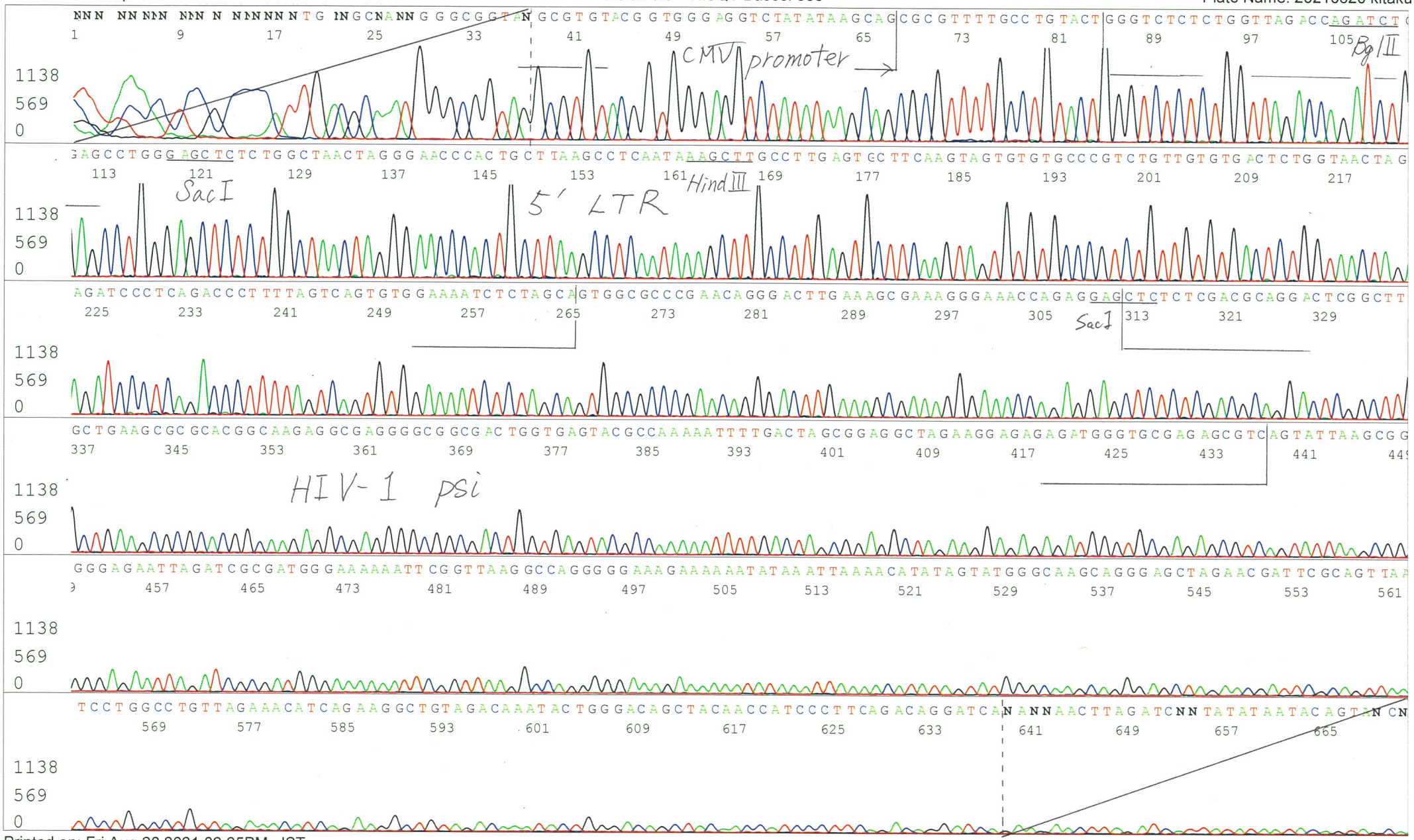
Spacing:11.72 Pts/Panel1350
Plate Name: 20210820 kitaku



Applied Biosystems

S/N G:247 A:139 T:144 C:141
KB.bcp
KB 1.4.1.8 Cap:19

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

12872_12872_B1HjF_PRE_rev_G01_19_ABI24
12872_12872_B1HjF_PRE_rev
KB_3500_POP7_BDTv3.mob
Pts 1842 to 8706 Pk1 Loc:1810
Version 6.0 HiSQV Bases: 683

Inst Model/Name 3500/3500 Instrument
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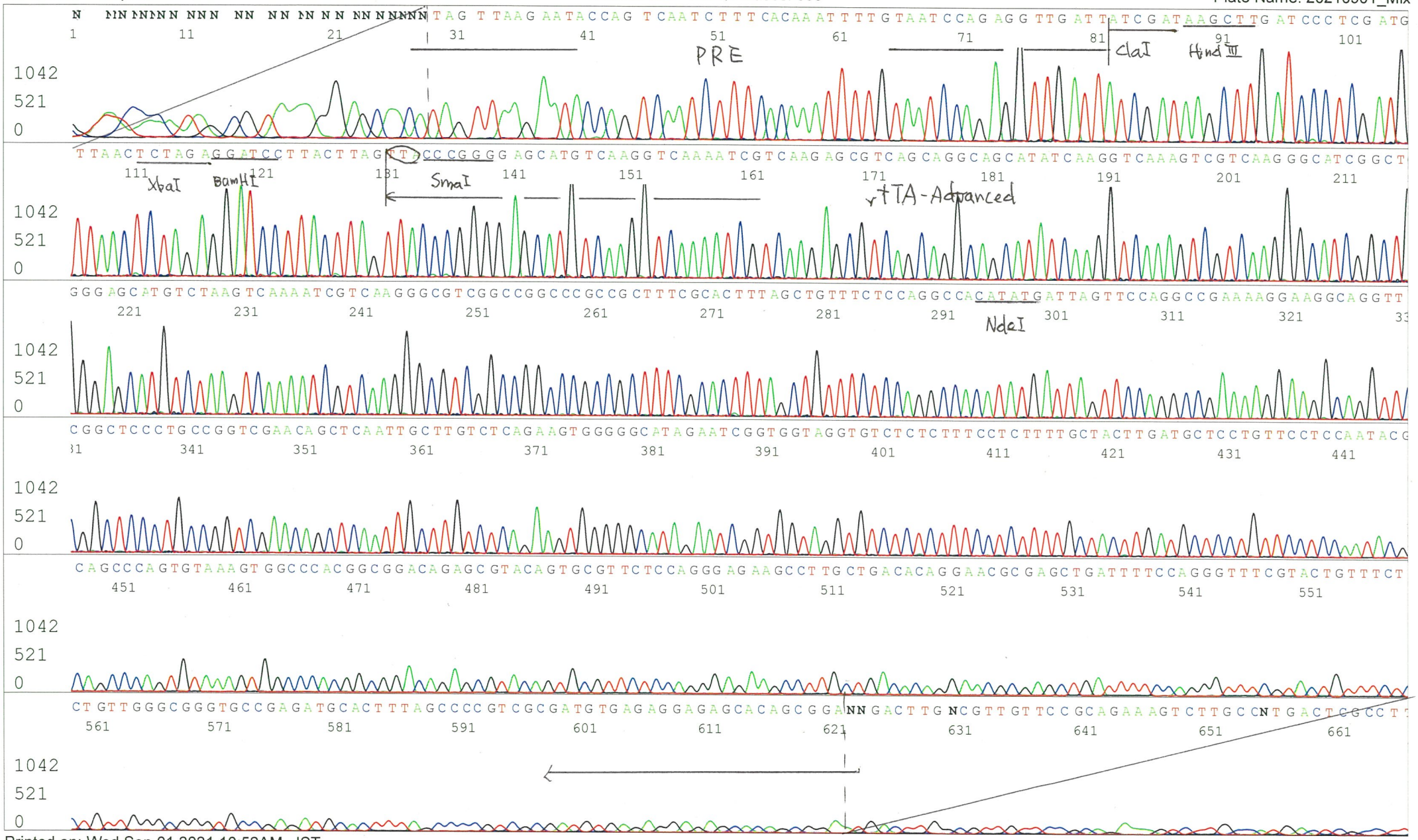
Spacing:10.45 Pts/Panel1350
Plate Name: 20210901_Mix



Applied Biosystems

S/N G:22 A:21 T:17 C:18
KB.bcp
KB 1.4.1.8 Cap:6

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

12872_12872_B1HjF_2_bGH_rev3_F03_06_ABI08
12872_12872_B1HjF_2_bGH_rev3
KB_3500_POP7_BDTv3.mob
Pts 1506 to 13125 Pk1 Loc:1483
Version 6.0 HiSQV Bases: 522

Inst Model/Name 3500/3500 Instrument
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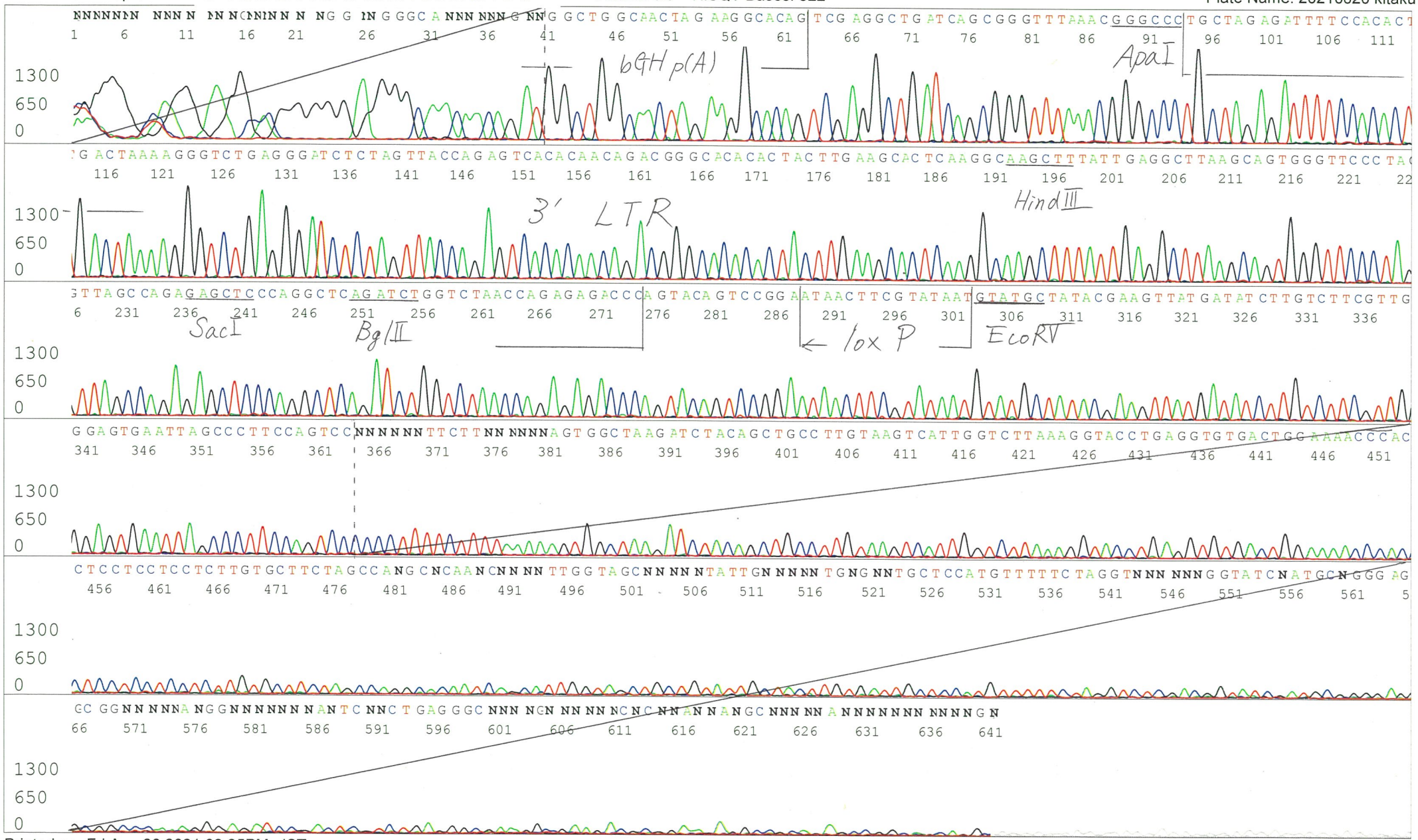
Spacing:11.69 Pts/Panel1350
Plate Name: 20210820 kitaku



Applied Biosystems

S/N G:75 A:51 T:51 C:56
KB.bcp
KB 1.4.1.8 Cap:7

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

12872_12872_B1HjF_2_SV40pro_ori_F_G03_07_ABI08
12872_12872_B1HjF_2_SV40pro_ori_F
KB_3500_POP7_BDTv3.mob
Pts 1535 to 12990 Pk1 Loc:1512
Version 6.0 HiSQV Bases: 807

Inst Model/Name 3500/3500 Instrument
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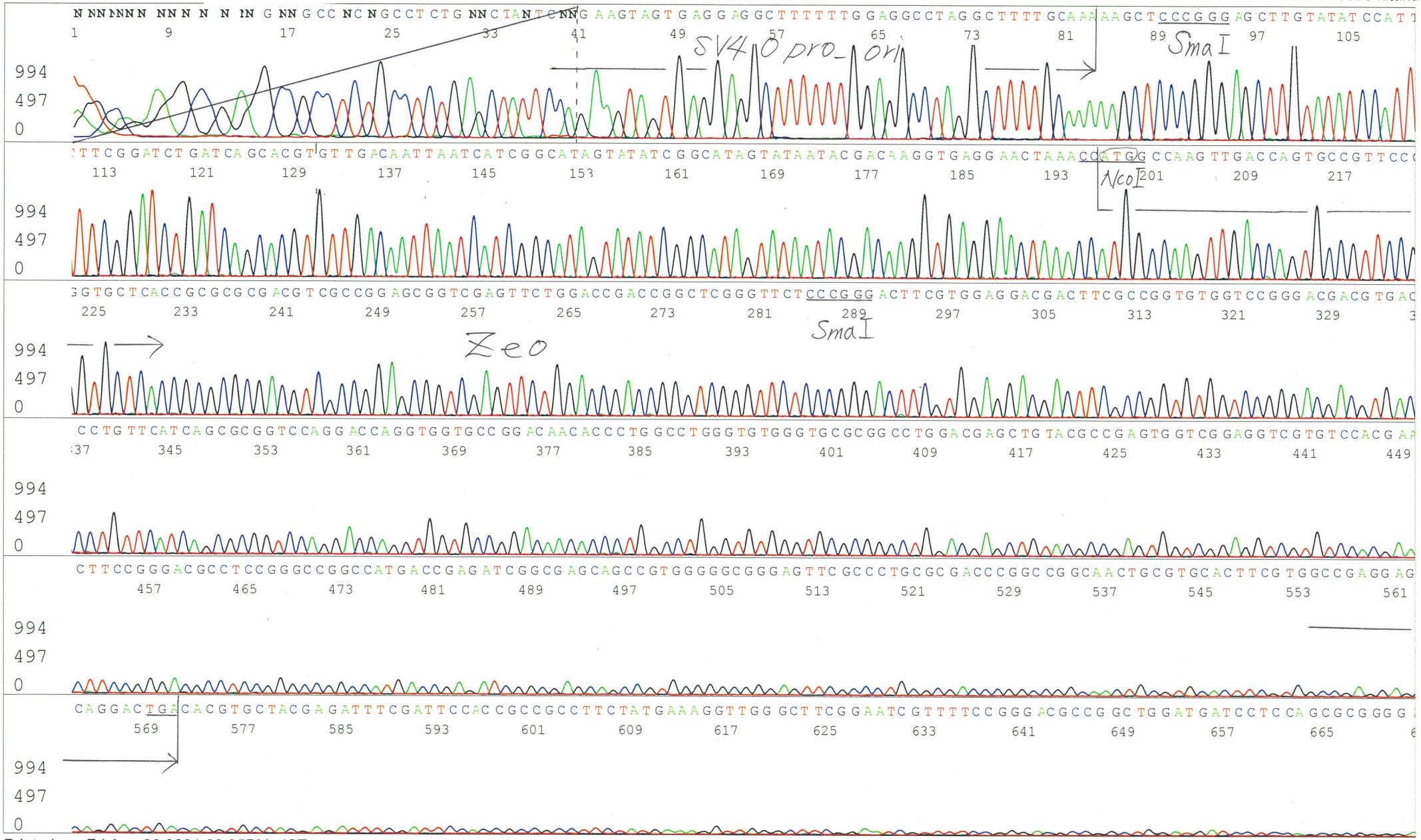
Plate Name: 20210820 kitaku



Applied Biosystems

S/N G:75 A:51 T:51 C:56
KB.bcp
KB 1.4.1.8 Cap:7

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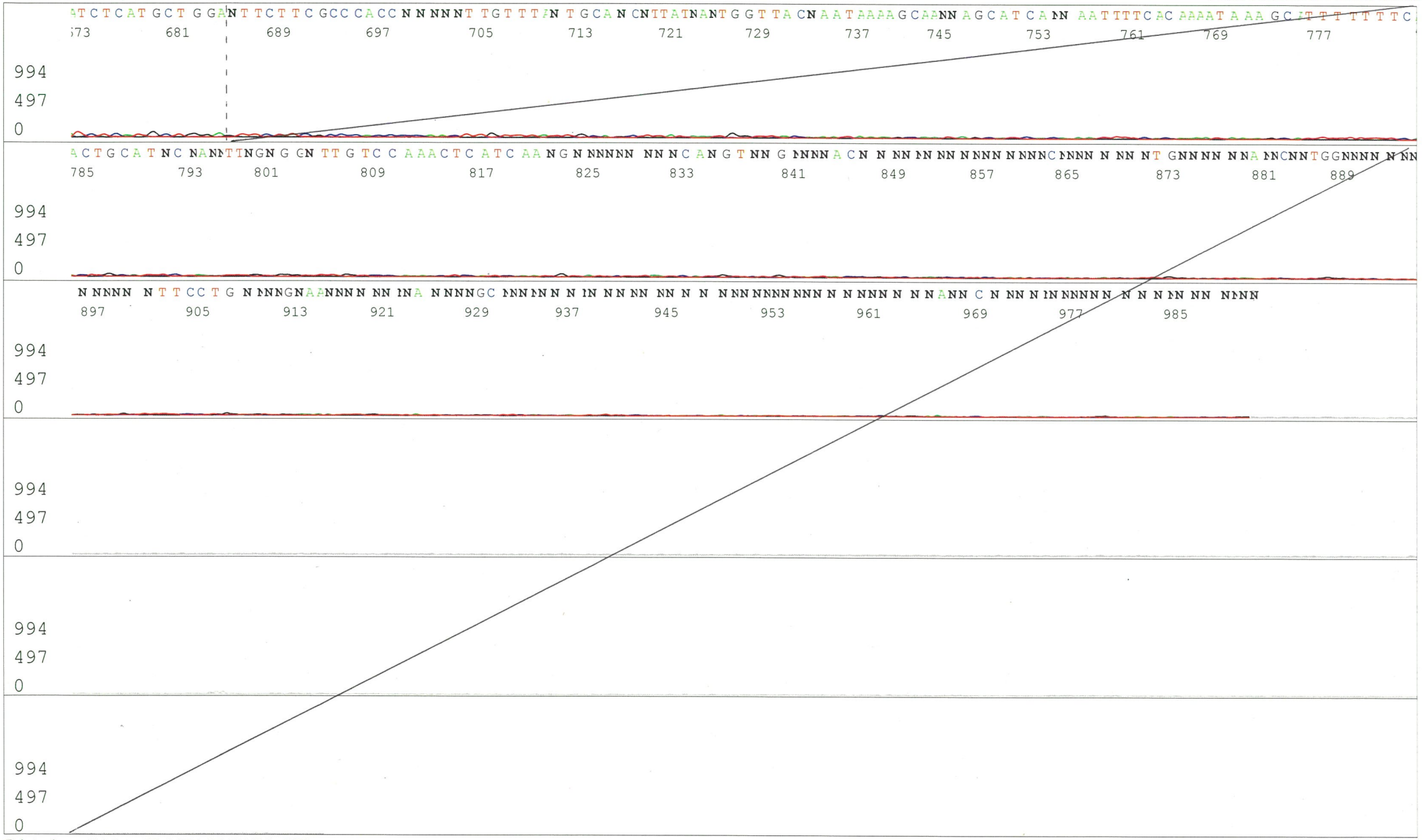
KB_3500_POP7_BDTv3.mob
Pts 1535 to 12990 Pk1 Loc:1512
Version 6.0 HiSQV Bases: 807

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Plate Name: 20210820 kitaku