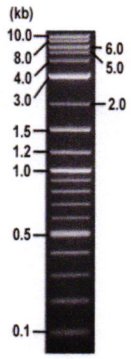
Gene Engineering Division
RIKEN BioResource Research Center

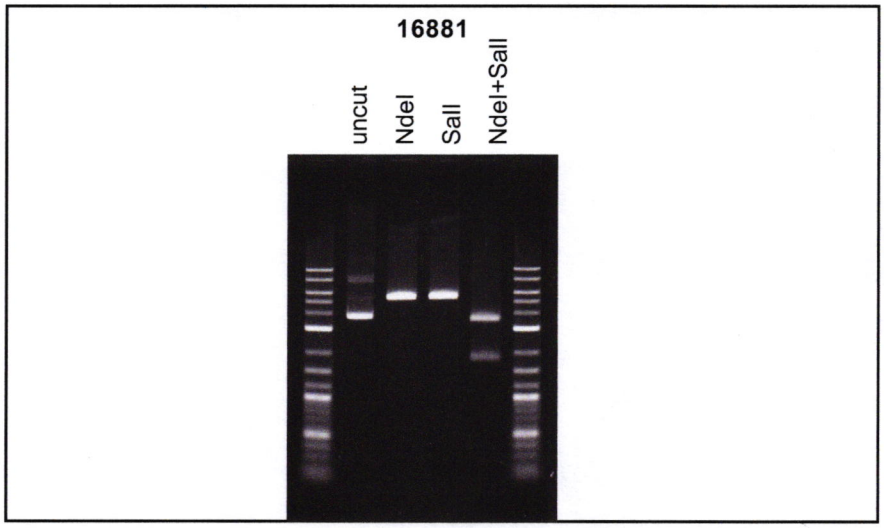
RIKEN DNA BANK

clone name : pEGFP-C1-Rab12-T55N

- **Clone ID** : RDB _ 16881
- **Lot** : 16881 _ A9A8
- **DNA Concentration** : 25 nanogram/microliter
- **Volume** : 40 microliter
- **Form** : DNA solution in TE buffer
- **Host** : DH5 alpha
- **Culture** : LB medium
- **Antibiotics** : 25 microgram/ml kanamycin
- **Purification** : QIAGEN QIAprep Spin Miniprep kit
- **Digestion by restriction enzyme**

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





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

Restriction enzyme		Expected size of fragment	
NdeI	:	**5.5**	kbp
SalI	:	**5.5**	kbp
NdeI+SalI	:	**3.6, 1.9**	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	Pr0402	EGFP-C2	EGFP 3',insert 5'
Sequence - B	Pr0623	SV40polyA_R2	insert 3'
Sequence - C	Pr0016	CMV_Forward	CMV pro,EGFP 5'
Sequence - D	Pr0154	SV40pro_F_V2	NeoR_KanR
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認
23.5.26
岸川

Applied Biosystems

S/N G:63 A:45 T:35 C:49
KB.bcp
KB 1.4.1.8 Cap:2

primer name A: EGFP-C2
5'-ACTACCTGAGCACCCAGTCC-3'

D06060G1_A9A8_2_EGFP-C2_B05_02_ABI08
D06060G1_A9A8_2_EGFP-C2
KB_3500_POP7_BDTv3.mob
Pts 1355 to 13429 Pk1 Loc:1332
Version 6.0 HiSQV Bases: 962

Inst Model/Name 3500/3500 Instrument
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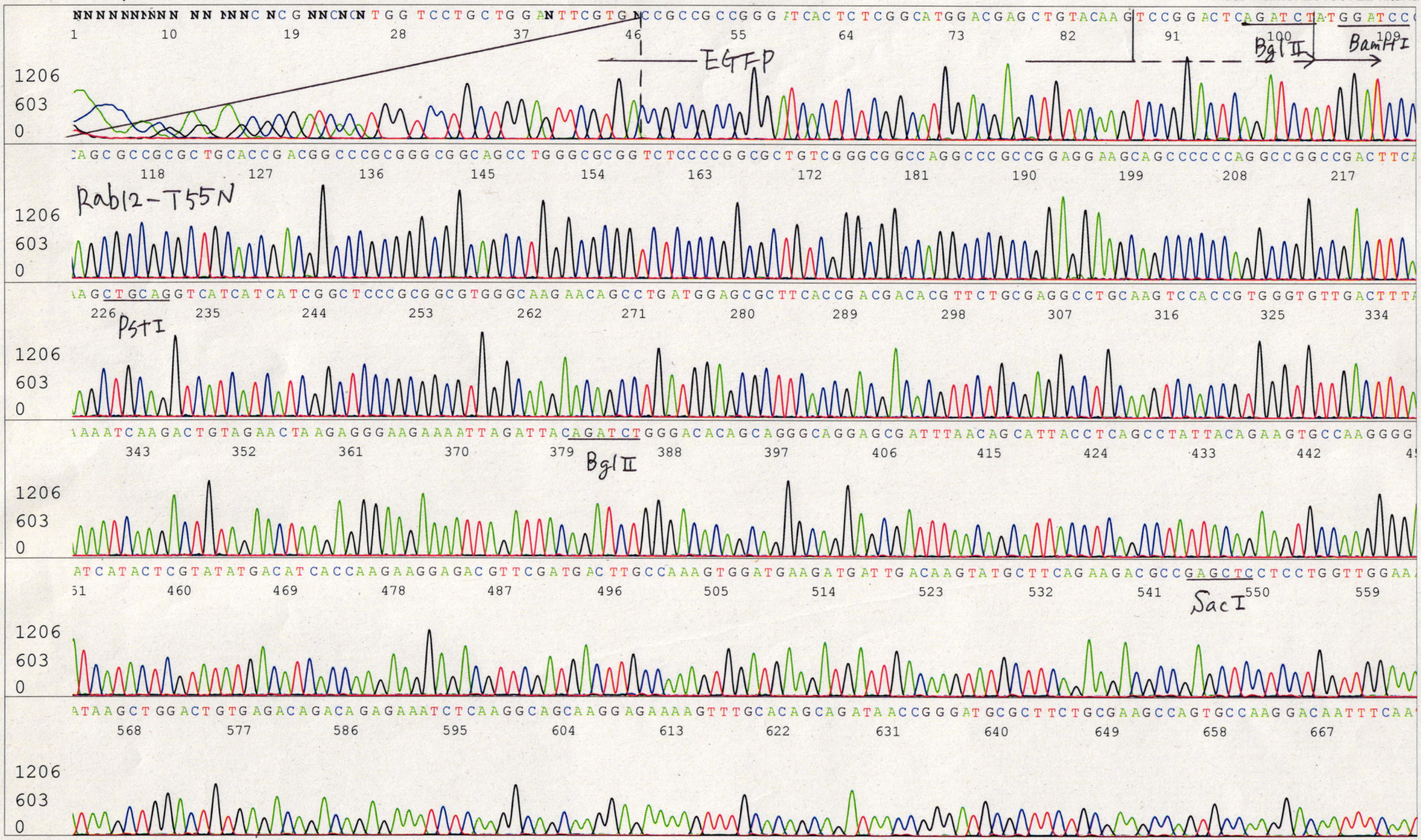
Jul 22,2019 03:23PM, JST
Spacing:11.71 Pts/Panel1350
Plate Name: 20190722 kitaku



Applied Biosystems

S/N G:63 A:45 T:35 C:49
KB.bcp
KB 1.4.1.8 Cap:2

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D06060G1_A9A8_2_EGFP-C2
KB_3500_POP7_BDTv3.mob
Pts 1355 to 13429 Pk1 Loc:1332
Version 6.0 HiSQV Bases: 962

Inst Model/Name 3500/3500 Instrument
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Spacing:11.71 Pts/Panel1350
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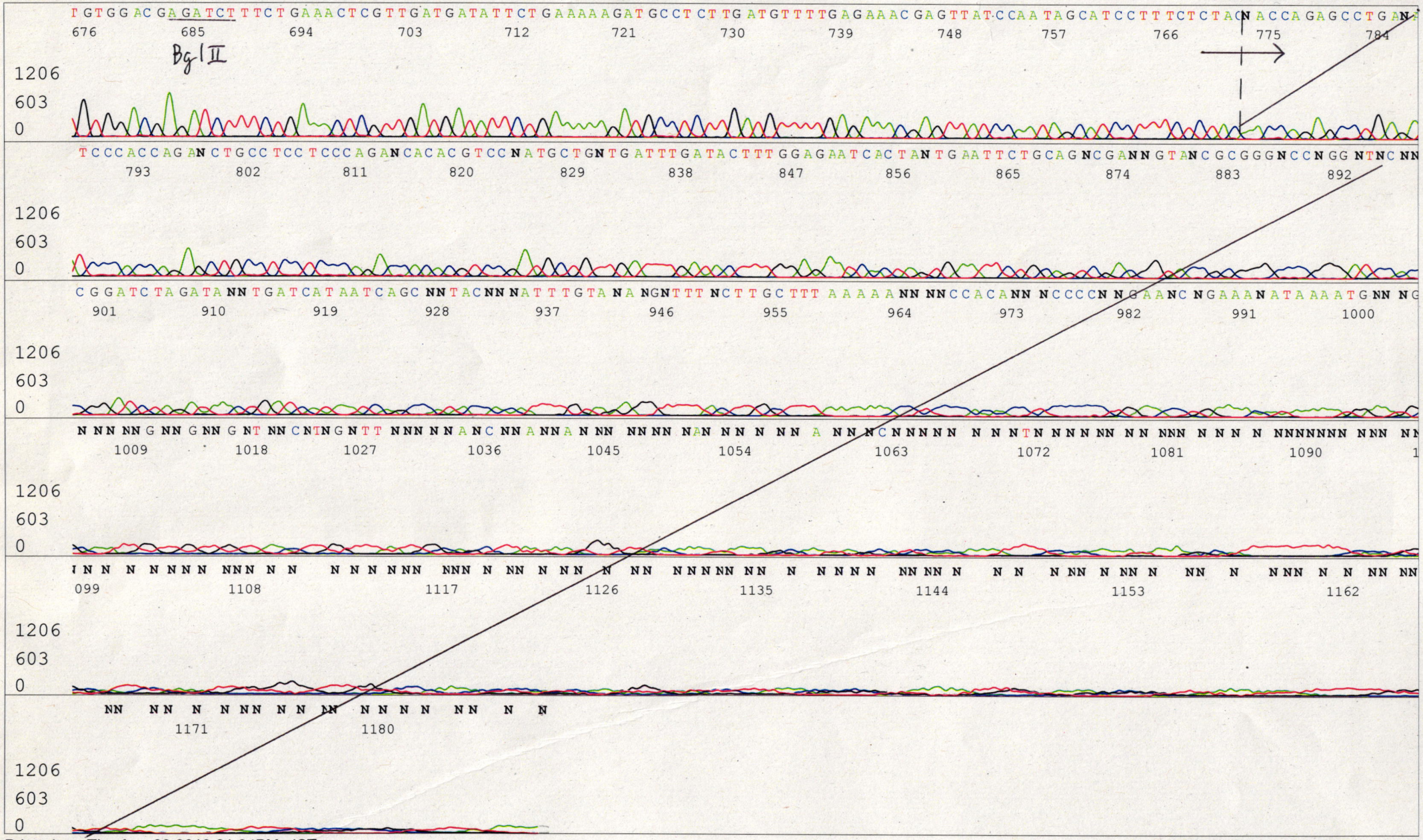

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Applied Biosystems

S/N G:50 A:36 T:46 C:45
KB.bcp
KB 1.4.1.8 Cap:3

primer name B : SV40polyA_R2
5' GTGAAATTTGTGATGCTATTGC 3'

D06060G1_A9A8_2_SV40polyA-R2_C05_03_ABI08
D06060G1_A9A8_2_SV40polyA-R2
KB_3500_POP7_BDTv3.mob
Pts 1388 to 13532 Pk1 Loc:1365
Version 6.0 HiSQV Bases: 964

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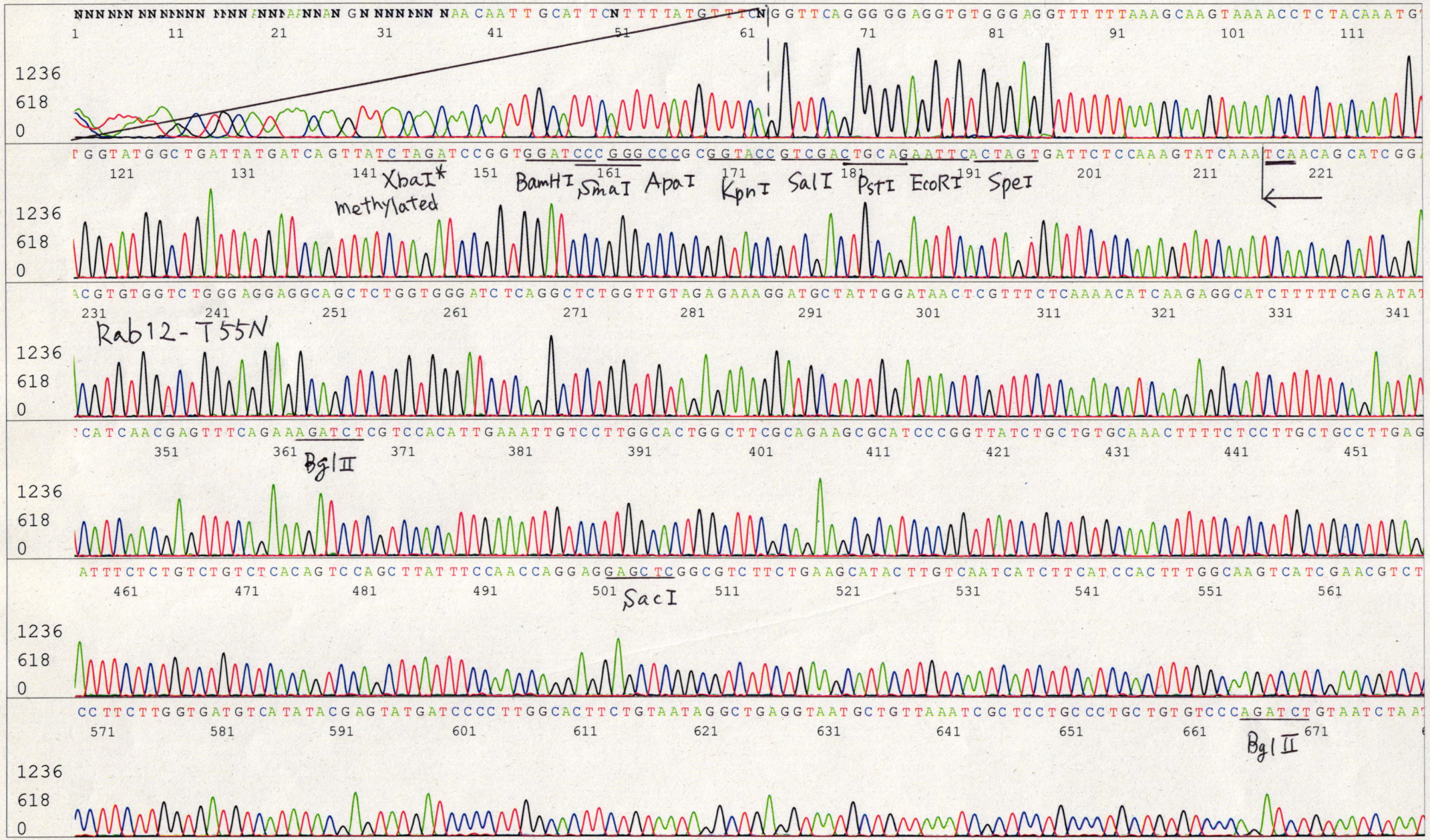
Plate Name: 20190722 kitaku



Applied Biosystems

S/N G:50 A:36 T:46 C:45
KB.bcp
KB 1.4.1.8 Cap:3

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D06060G1_A9A8_2_SV40polyA-R2
KB_3500_POP7_BDTv3.mob
Pts 1388 to 13532 Pk1 Loc:1365
Version 6.0 HiSQV Bases: 964

Inst Model/Name 3500/3500 Instrument
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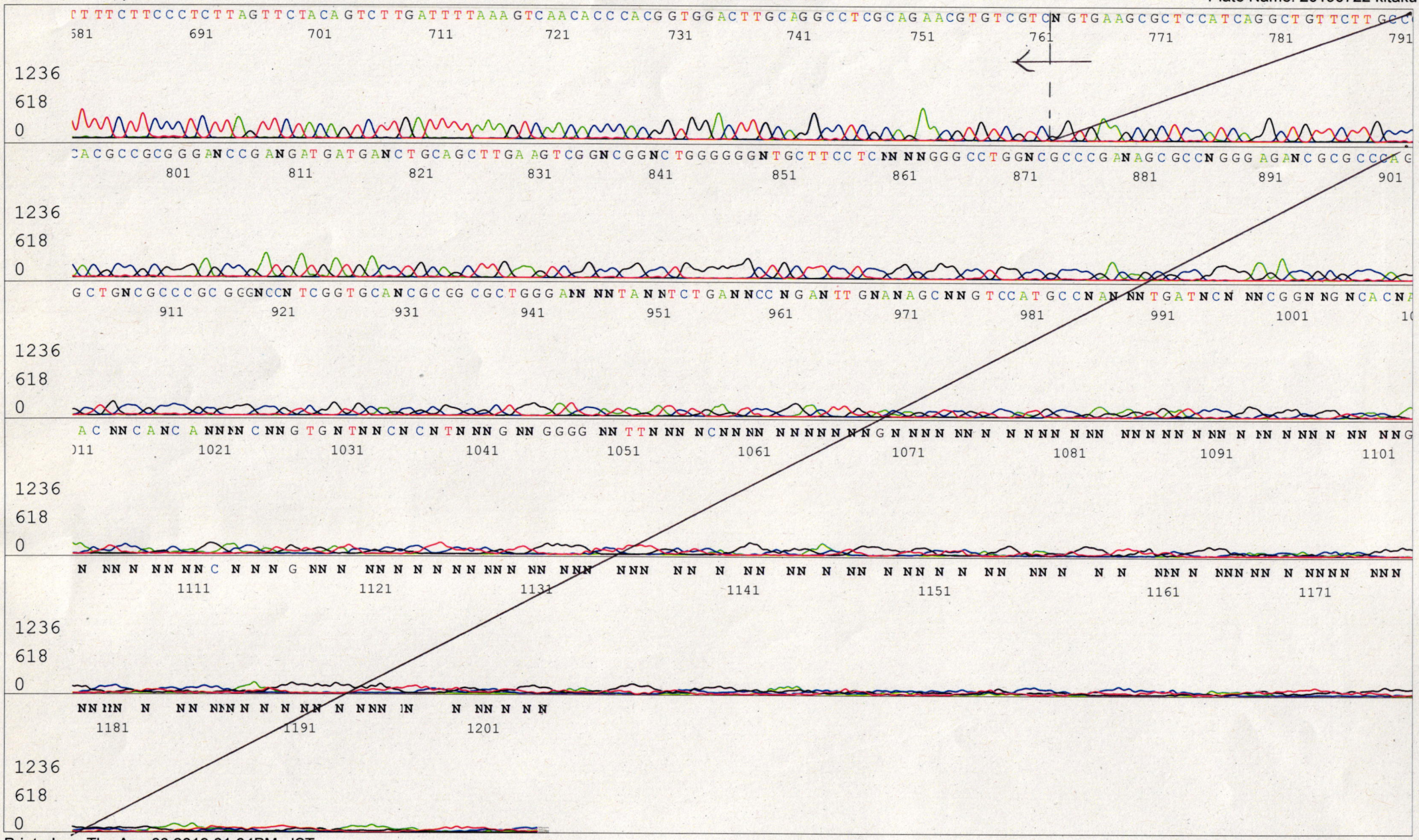

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Applied Biosystems

S/N G:39 A:29 T:20 C:37
KB.bcp
KB 1.4.1.8 Cap:4

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

D06060G1_A9A8_2_CMV_Forward_D05_04_ABI08
D06060G1_A9A8_2_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1339 to 13234 Pk1 Loc:1316
Version 6.0 HiSQV Bases: 961

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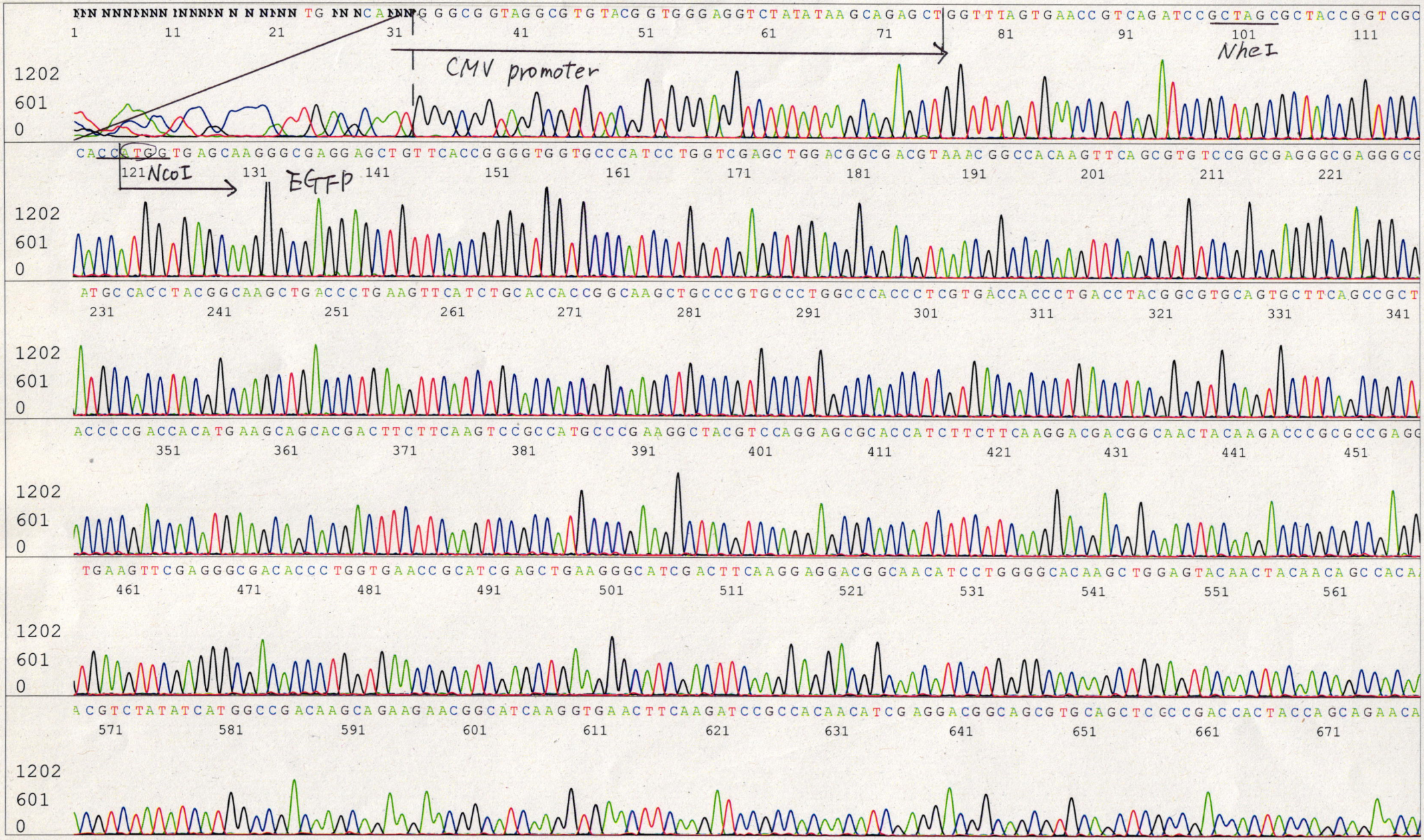
Jul 22,2019 03:23PM, JST
Spacing:11.67 Pts/Panel1350
Plate Name: 20190722 kitaku



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Applied Biosystems

S/N G:39 A:29 T:20 C:37
KB.bcp
KB 1.4.1.8 Cap:4

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D06060G1_A9A8_2_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1339 to 13234 Pk1 Loc:1316
Version 6.0 HiSQV Bases: 961

Inst Model/Name 3500/3500 Instrument
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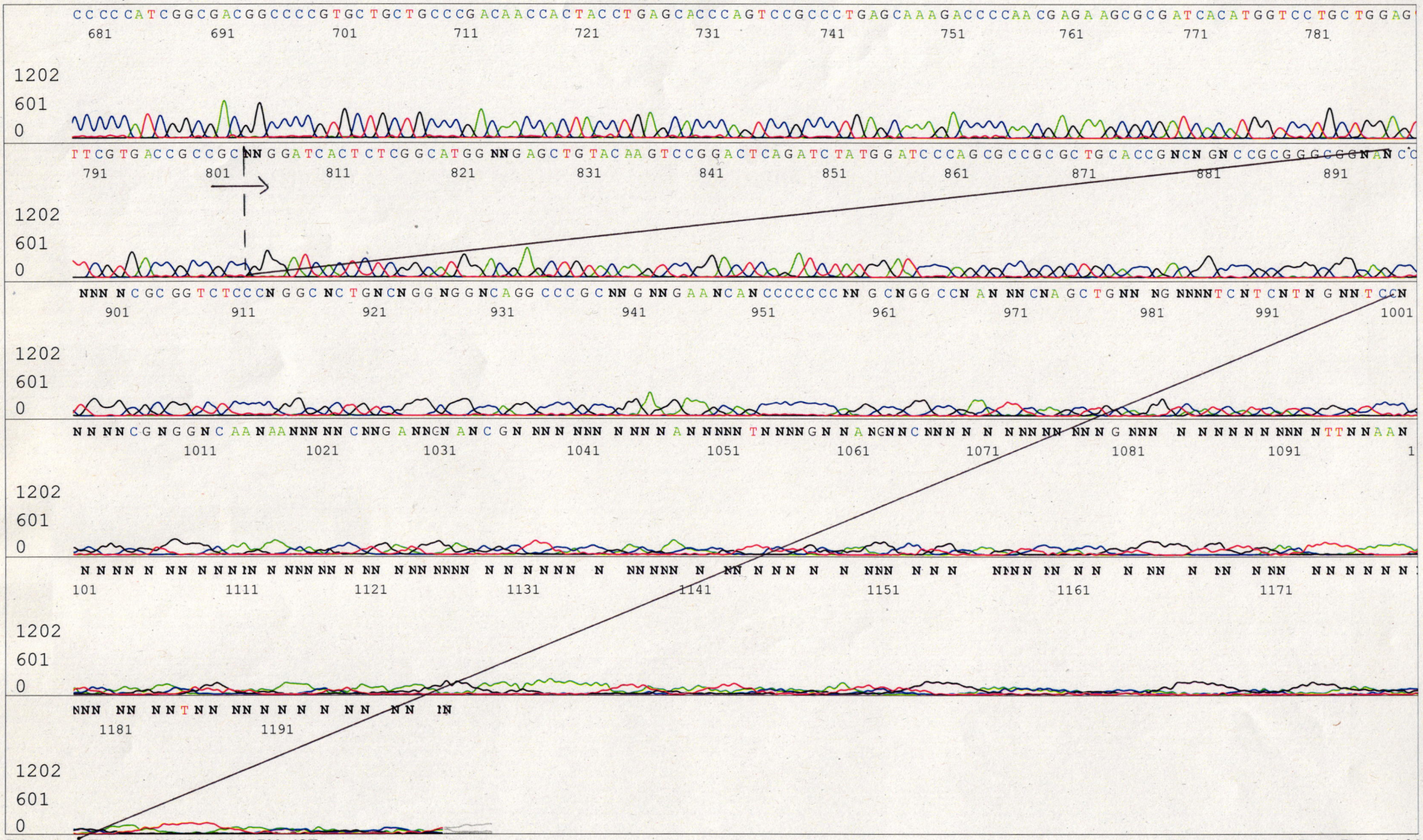
Spacing:11.67 Pts/Panel1350
Plate Name: 20190722 kitaku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1202
601
0
TTCGTGACCGCCGCNNGGATCACTCTCGGCATGGNNGAGCTGTACAAGTCCGGACTCAGATCTATGGATCCCAGCGCCGCGCTGCACCGNCNGNCCGCGGGCGGNANCC
791 801 811 821 831 841 851 861 871 881 891
1202
601
0
NNNNCGCGGTCTCCCNGGCNCTGNCNGGNGGNCAGGCCCGCNNGNNGAANCANCCCCCCNNGCNGGCCNANNNCNAGCTGNNNGNNNNTCNTCNTNGNNTCCN
901 911 921 931 941 951 961 971 981 991 1001
1202
601
0
NNNNCGNGGNCAANAANNNNNCNNGANNGNANCGNNNNNNNNNANNNNTNNNGNNANGNNCNNNNNNNNNNNNGNNNNNNNNNNNNTTNNAAN
1011 1021 1031 1041 1051 1061 1071 1081 1091 1
1202
601
0
NNNNNNNNNNNNN

Applied Biosystems

S/N G:291 A:146 T:157 C:198
KB.bcp
KB 1.4.1.8 Cap:3

primer name D : SV40pro_F_V2
5'-TCGGCCTCTGAGCTATTC-3'

D06060G1_A9A8_2_SV40pro_F_V2_A03_03_ABI24
D06060G1_A9A8_2_SV40pro_F_V2
KB_3500_POP7_BDTv3.mob
Pts 1440 to 13145 Pk1 Loc:1417
Version 6.0 HiSQV Bases: 955

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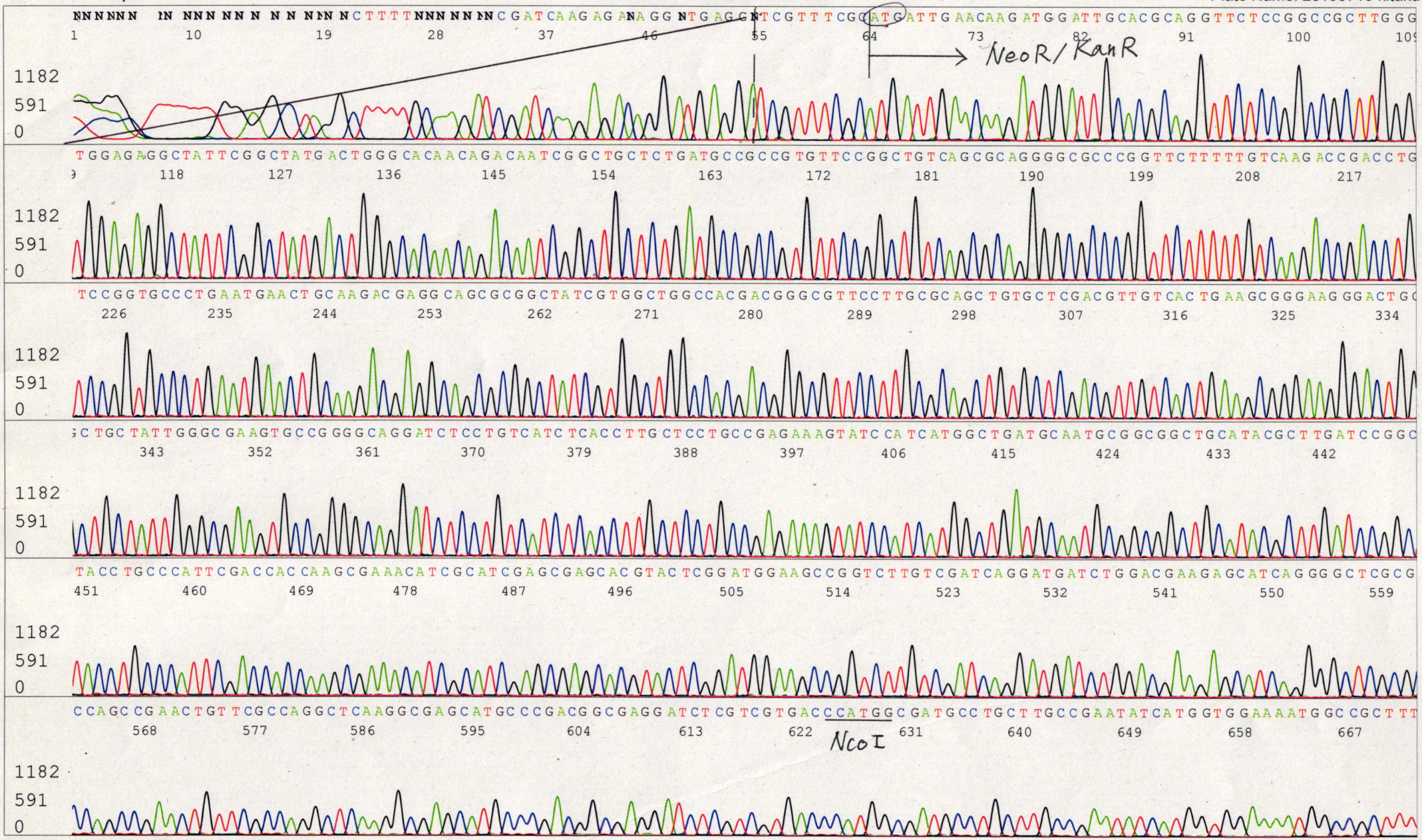
Jul 19,2019 03:25PM, JST
Spacing:11.62 Pts/Panel1350
Plate Name: 20190719 kitaku



Printed on: Thu Aug 08,2019 01:04PM, JST

Applied Biosystems

S/N G:291 A:146 T:157 C:198
KB.bcp
KB 1.4.1.8 Cap:3

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KB_3500_POP7_BDTv3.mob
Pts 1440 to 13145 Pk1 Loc:1417
Version 6.0 HiSQV Bases: 955

Inst Model/Name 3500/3500 Instrument
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Spacing:11.62 Pts/Panel1350
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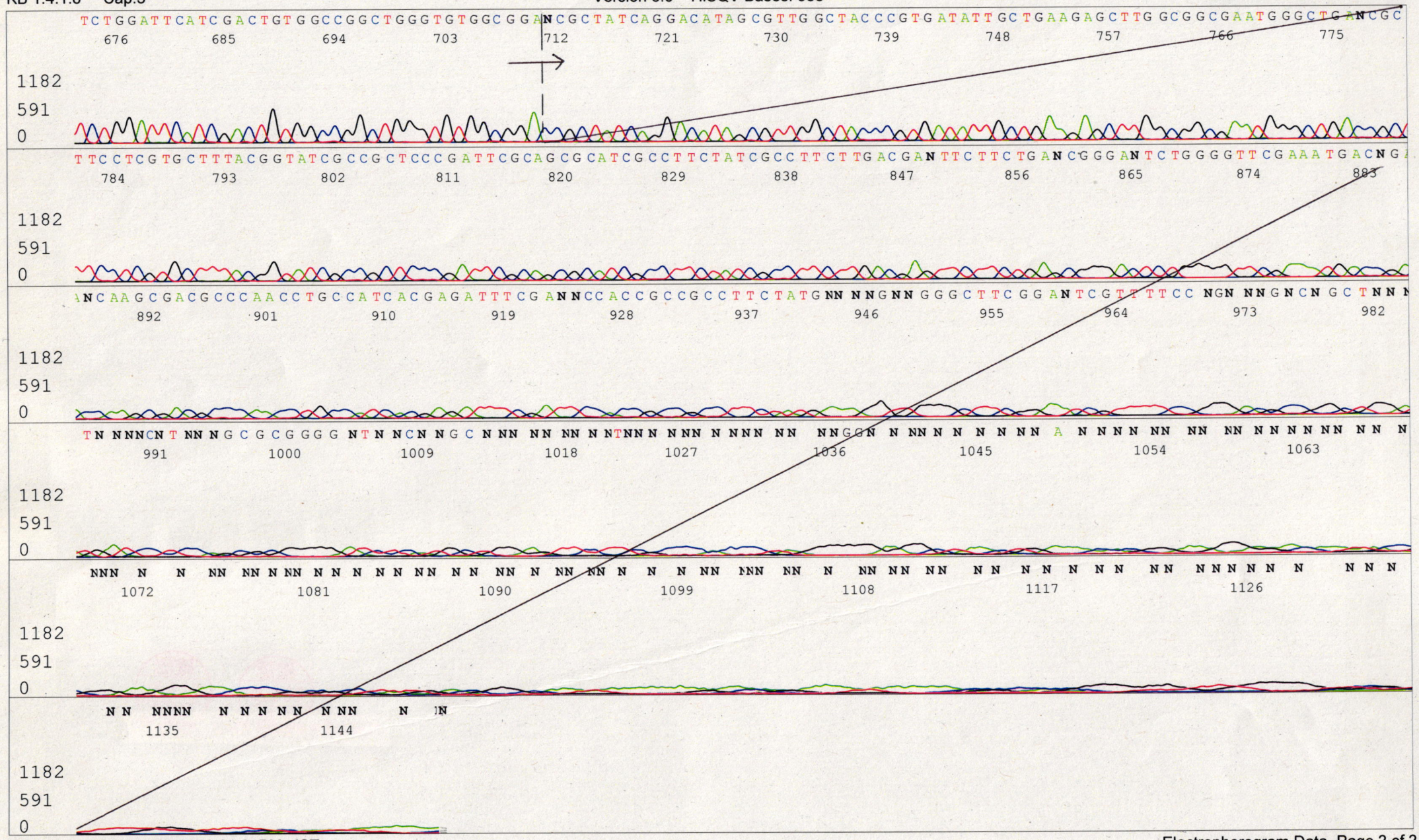

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Electropherogram Data Page 2 of 2