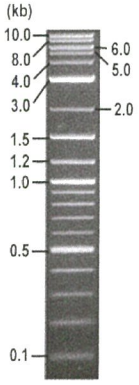
Gene Engineering Division
RIKEN BioResource Research Center

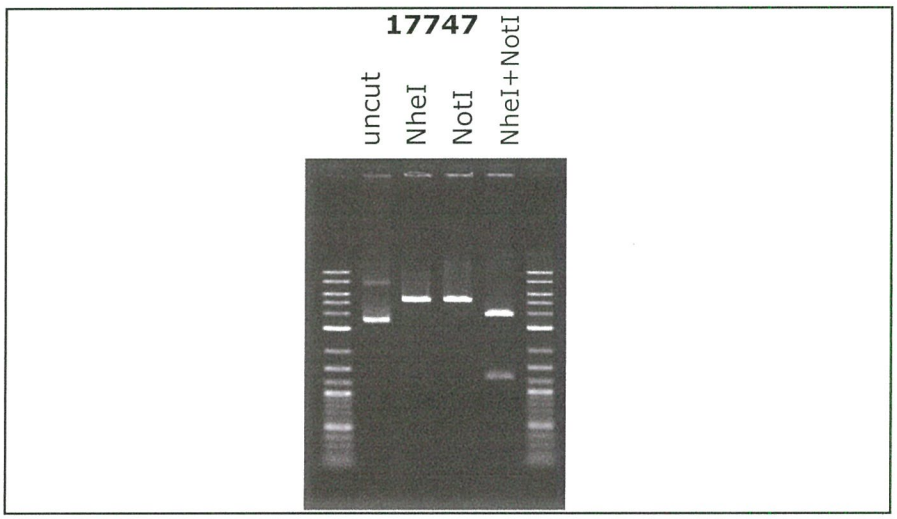
RIKEN DNA BANK

clone name : pN1-OPA1(123Nt)-Halo

- **Clone ID** : RDB _ 17747
- **Lot** : 17747 _ A9L3
- **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





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

Restriction enzyme		Expected size of fragment	
NheI	:	**5.2**	kbp
NotI	:	**5.2**	kbp
NheI+NotI	:	**3.9, 1.3**	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	Pr0016	CMV_Forward	CMV pro,insert 5'(OPA1(123Nt),Halo tag 5')
Sequence - B	Pr0059	pAxEF R2	SV40 pA,insert 3'(Halo tag 3')
Sequence - C	Pr0731	SV40pro_ori_F	SV40 pro_ori, NeoR_KanR
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認 3,01 栗原

Applied Biosystems

S/N G:60 A:34 T:44 C:58
KB.bcp
KB 1.4.1.8 Cap:3

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

D06362B8_A9L3_1_CMV_Forward_A03_03_ABI24
D06362B8_A9L3_1_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1642 to 13251 Pk1 Loc:1619
Version 6.0 HiSQV Bases: 890

Inst Model/Name 3500/3500 Ins
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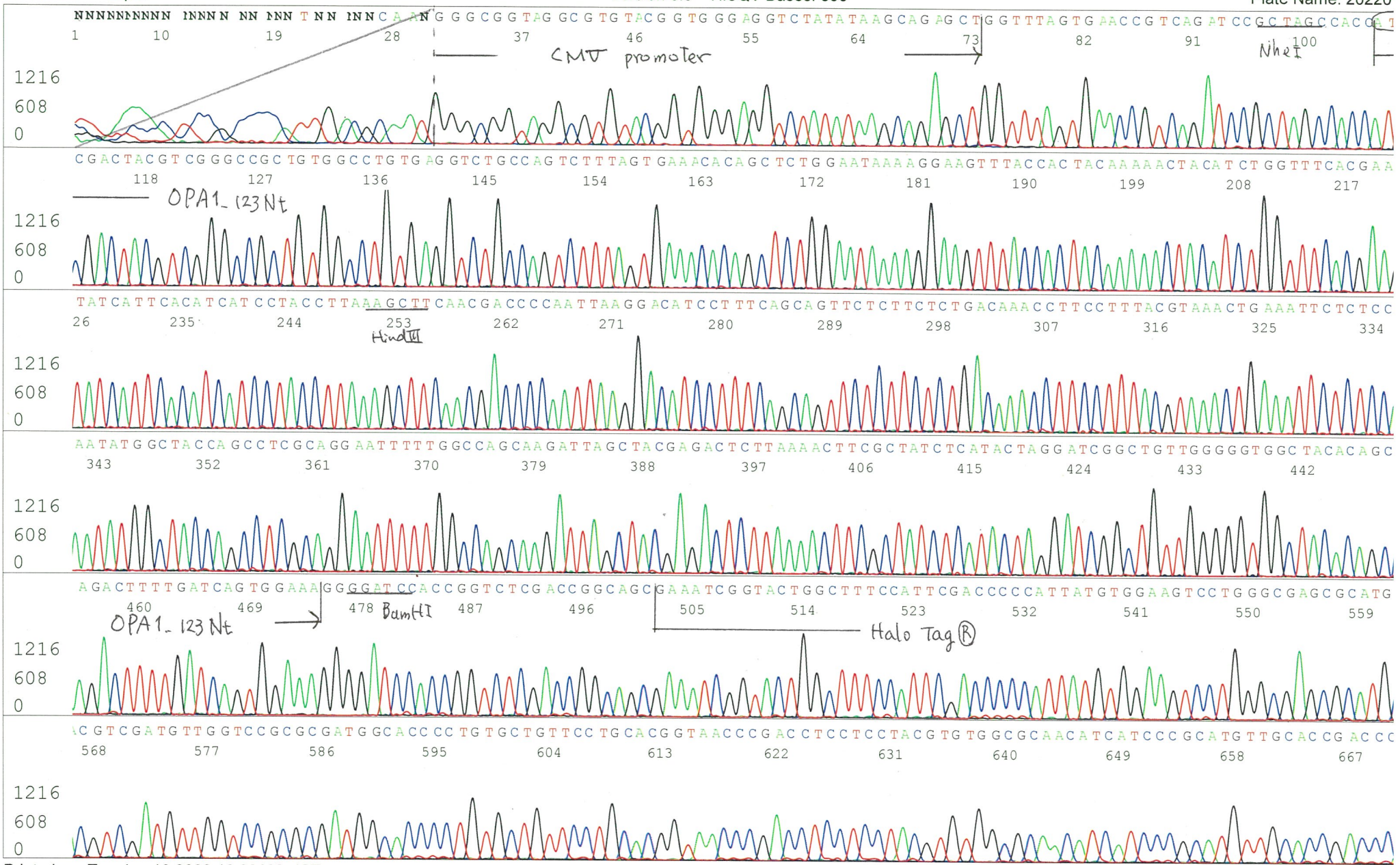
Jan 14,2022 02:58I
Spacing:11.66 Pts/Pa
Plate Name: 20220



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Electropherogram Data Pag

Applied Biosystems

S/N G:60 A:34 T:44 C:58
KB.bcp
KB 1.4.1.8 Cap:3

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D06362B8_A9L3_1_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1642 to 13251 Pk1 Loc:1619
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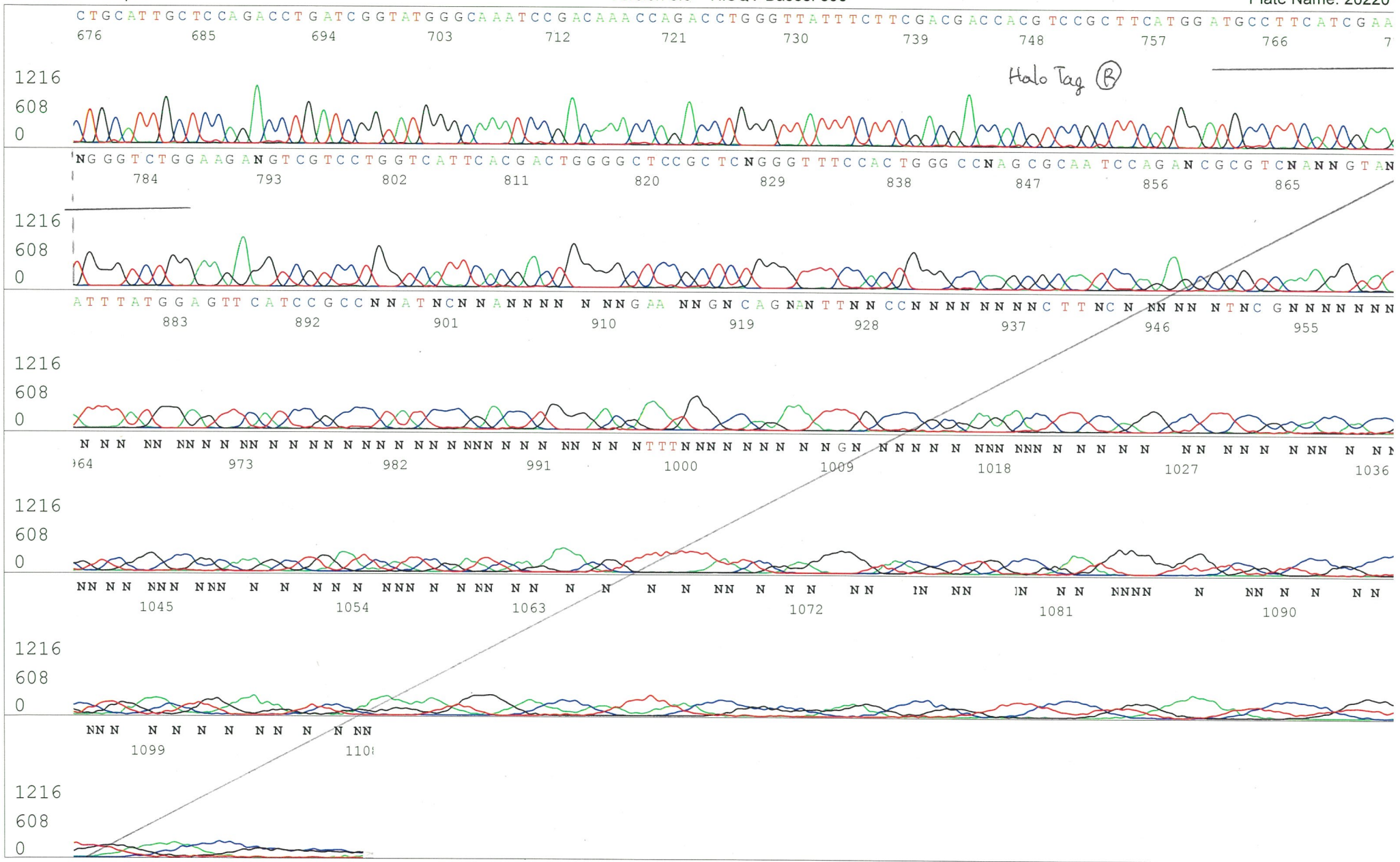

Applied Biosystems

S/N G:133 A:111 T:71 C:92
KB.bcp
KB 1.4.1.8 Cap:6

primer name B : pAxEF R2
5' GATGAGTTTGGACAAACCAC 3'

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D06362B8_A9L3_1_pAxEF R2
KB_3500_POP7_BDTv3.mob
Pts 1564 to 13166 Pk1 Loc:1541
Version 6.0 HiSQV Bases: 907

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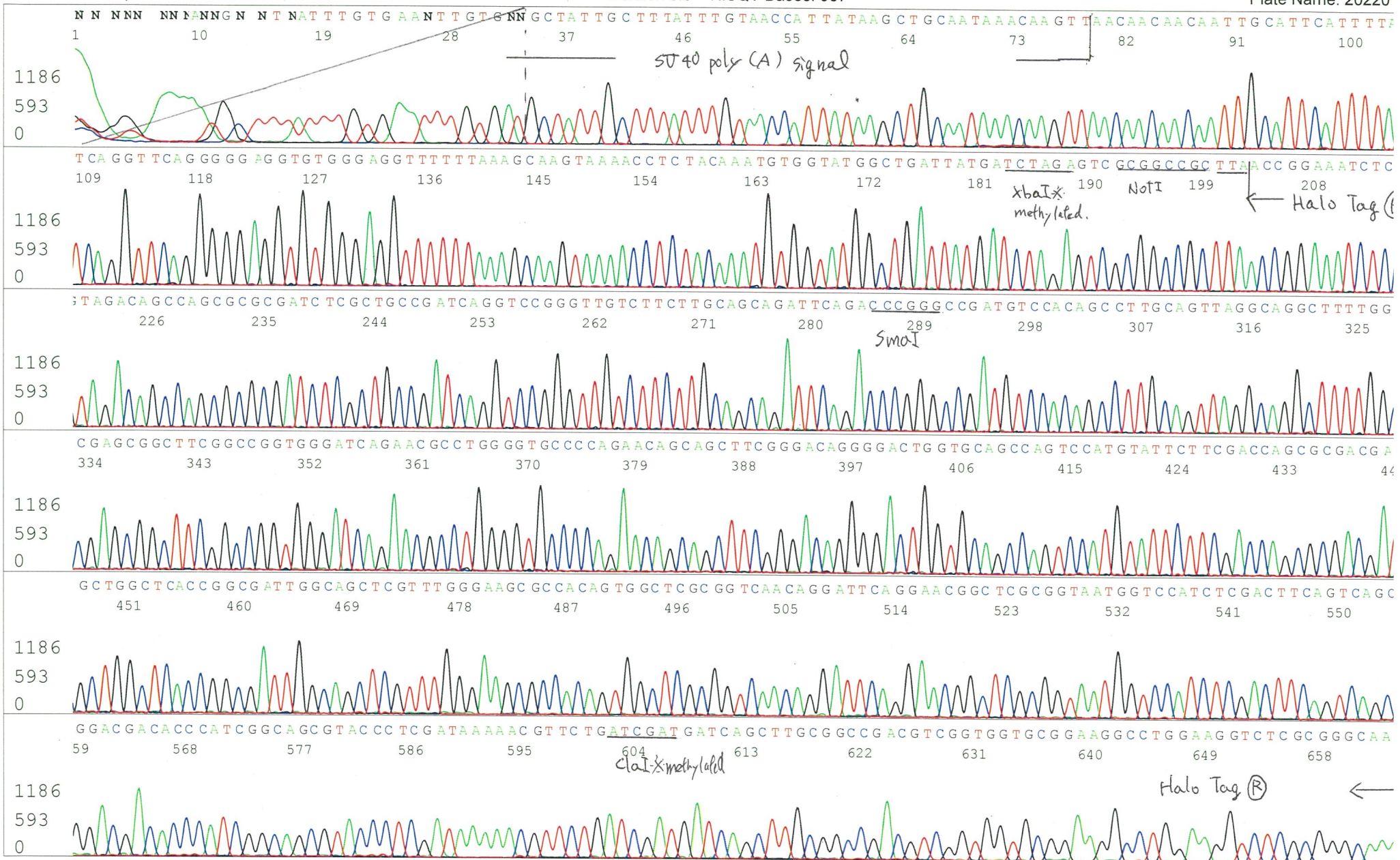
Spacing:11.66 Pts/Pa
Plate Name: 20220



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Electropherogram Data Pag

Applied Biosystems

S/N G:133 A:111 T:71 C:92
KB.bcp
KB 1.4.1.8 Cap:6

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D06362B8_A9L3_1_pAxEF R2
KB_3500_POP7_BDTv3.mob
Pts 1564 to 13166 Pk1 Loc:1541
Version 6.0 HiSQV Bases: 907

Inst Model/Name 3500/3500 Ins
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Spacing:11.66 Pts/Pa
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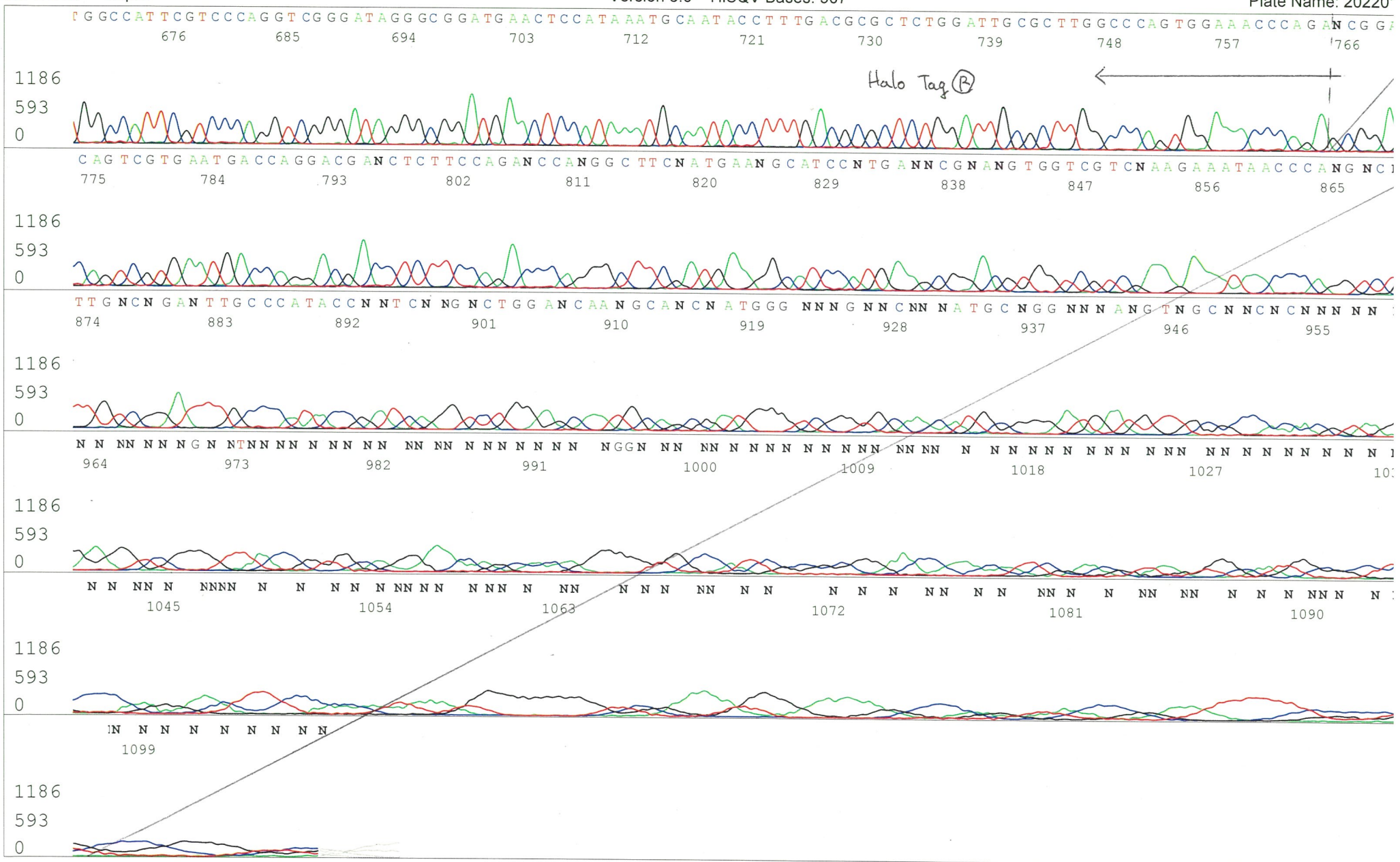

Applied Biosystems

S/N G:131 A:80 T:71 C:87
KB.bcp
KB 1.4.1.8 Cap:9

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

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D06362B8_A9L3_1_SV40pro_ori_F
KB_3500_POP7_BDTv3.mob
Pts 1600 to 13066 Pk1 Loc:1577
Version 6.0 HiSQV Bases: 904

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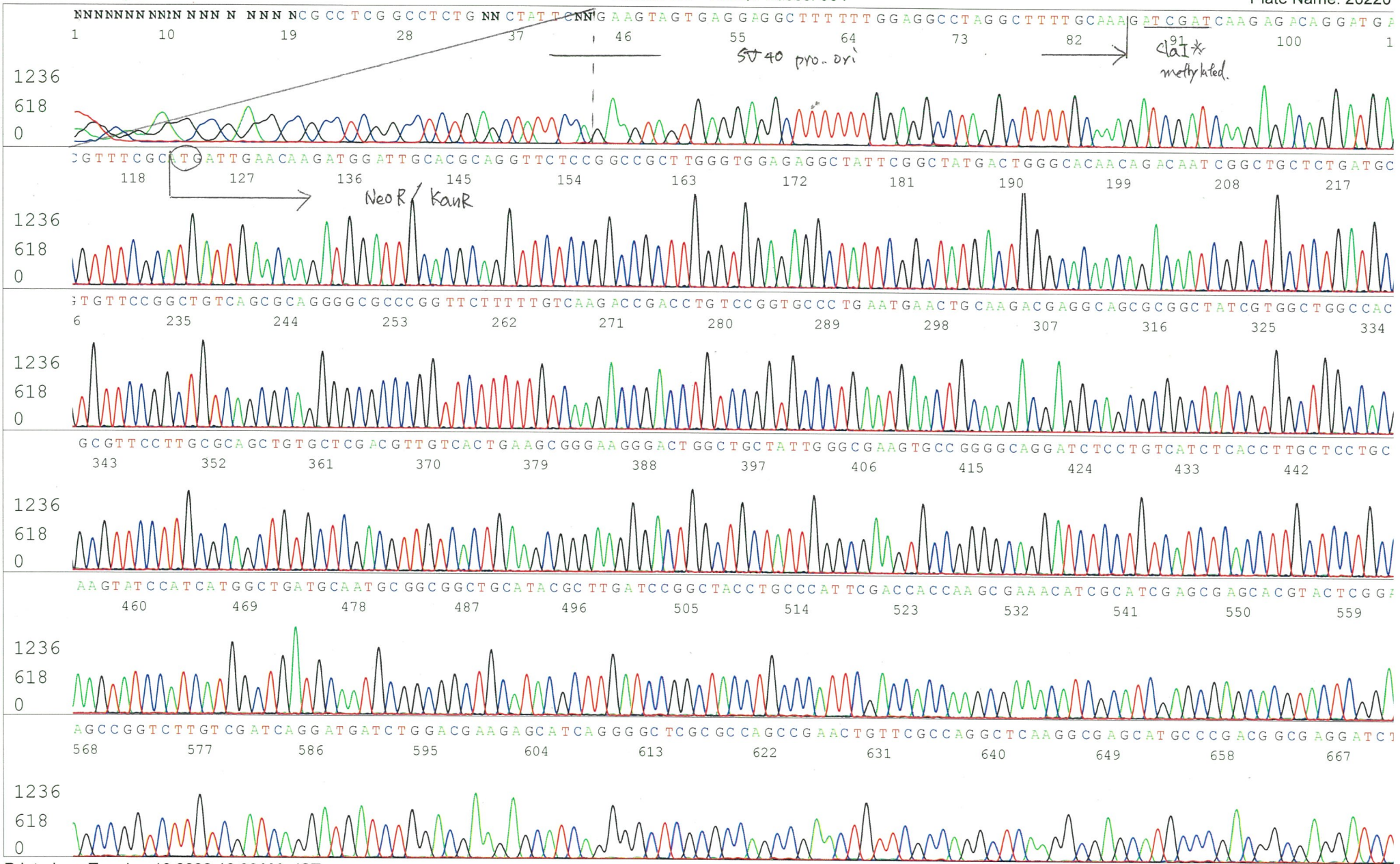
Plate Name: 20220



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Electropherogram Data Pag

Applied Biosystems

S/N G:131 A:80 T:71 C:87
KB.bcp
KB 1.4.1.8 Cap:9

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KB_3500_POP7_BDTv3.mob
Pts 1600 to 13066 Pk1 Loc:1577
Version 6.0 HiSQV Bases: 904

Inst Model/Name 3500/3500 Ins
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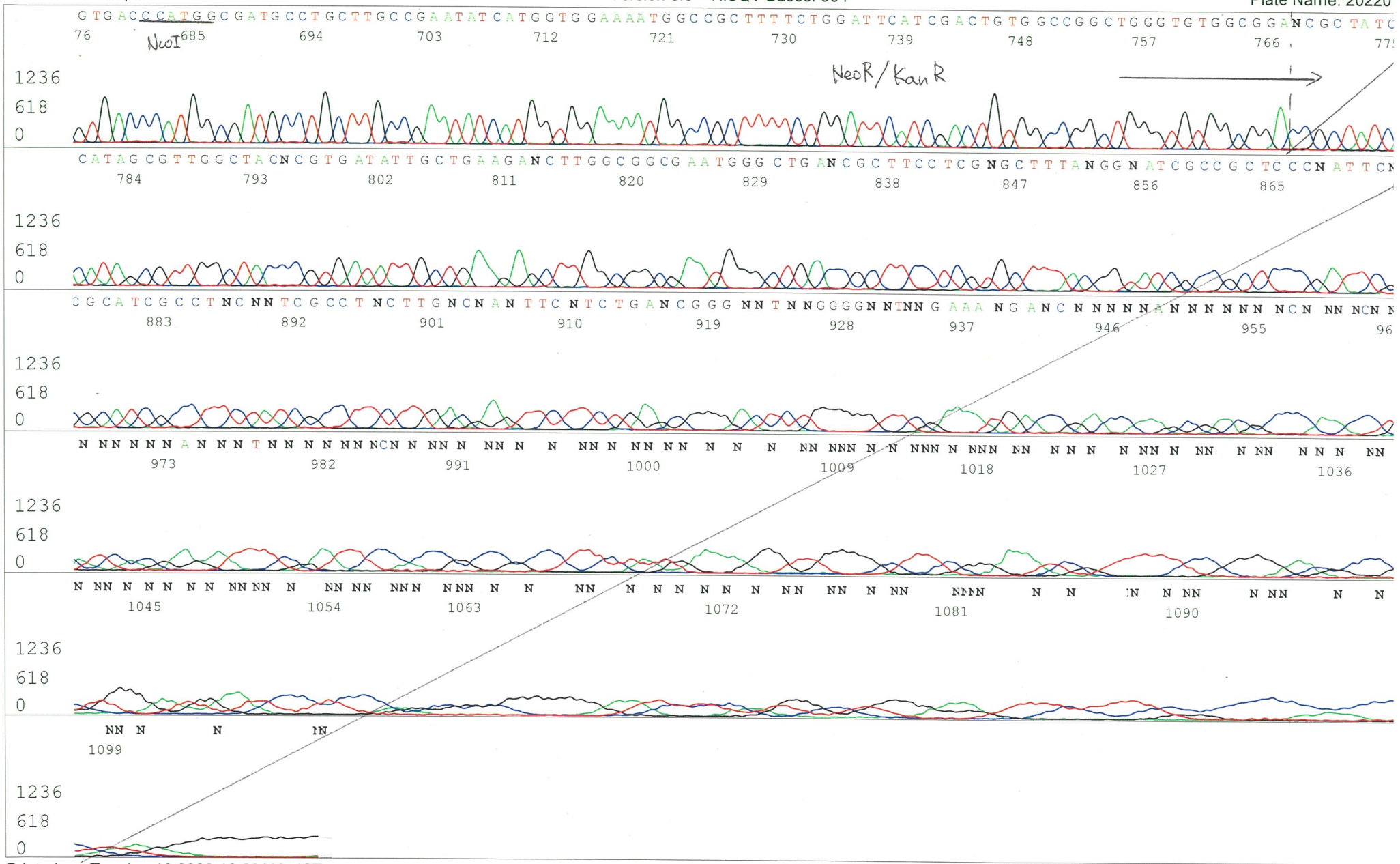
Spacing:11.57 Pts/Pa
Plate Name: 20220



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Electropherogram Data Pag