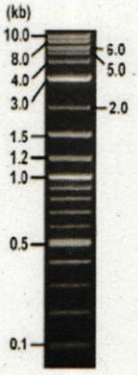
Gene Engineering Division
RIKEN BioResource Research Center

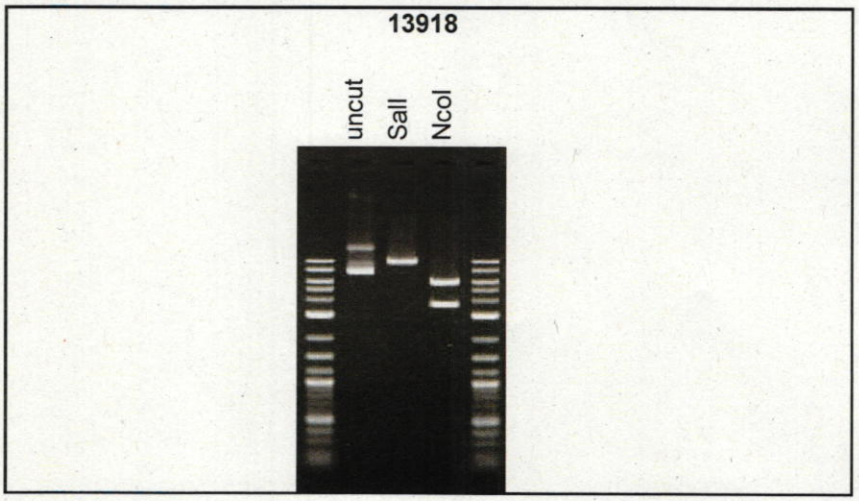
RIKEN DNA BANK

clone name : pMK232 (AAVS1 CMV-OsTIR1-PURO)

- **Clone ID** : RDB _ 13918
- **Lot** : 13918 _ A6B8
- **DNA Concentration** : 25 nanogram/microliter
- **Volume** : 40 microliter
- **Form** : DNA solution in TE buffer
- **Host** : DH5 alpha
- **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





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

Restriction enzyme		Expected size of fragment	
SalI	:	**9.6**	kbp
NcoI	:	**5.9, 3.7**	kbp
	:		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	insert mid (CMV pro, OsTIR1 5')
Sequence - B	Pr0606	BGH_rev2	insert mid (bGH p(A), PuroR,hPGK pro)
Sequence - C	Pr0160	M13R	insert 5' (AAVS1 arm1)
Sequence - D	Pr0410	M13_-40	insert 3' (AAVS1 arm2)
Sequence - E	Pr0109	SV40polyA-R	insert mid (OsTIR1 3')
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認 19.11.29 栗原

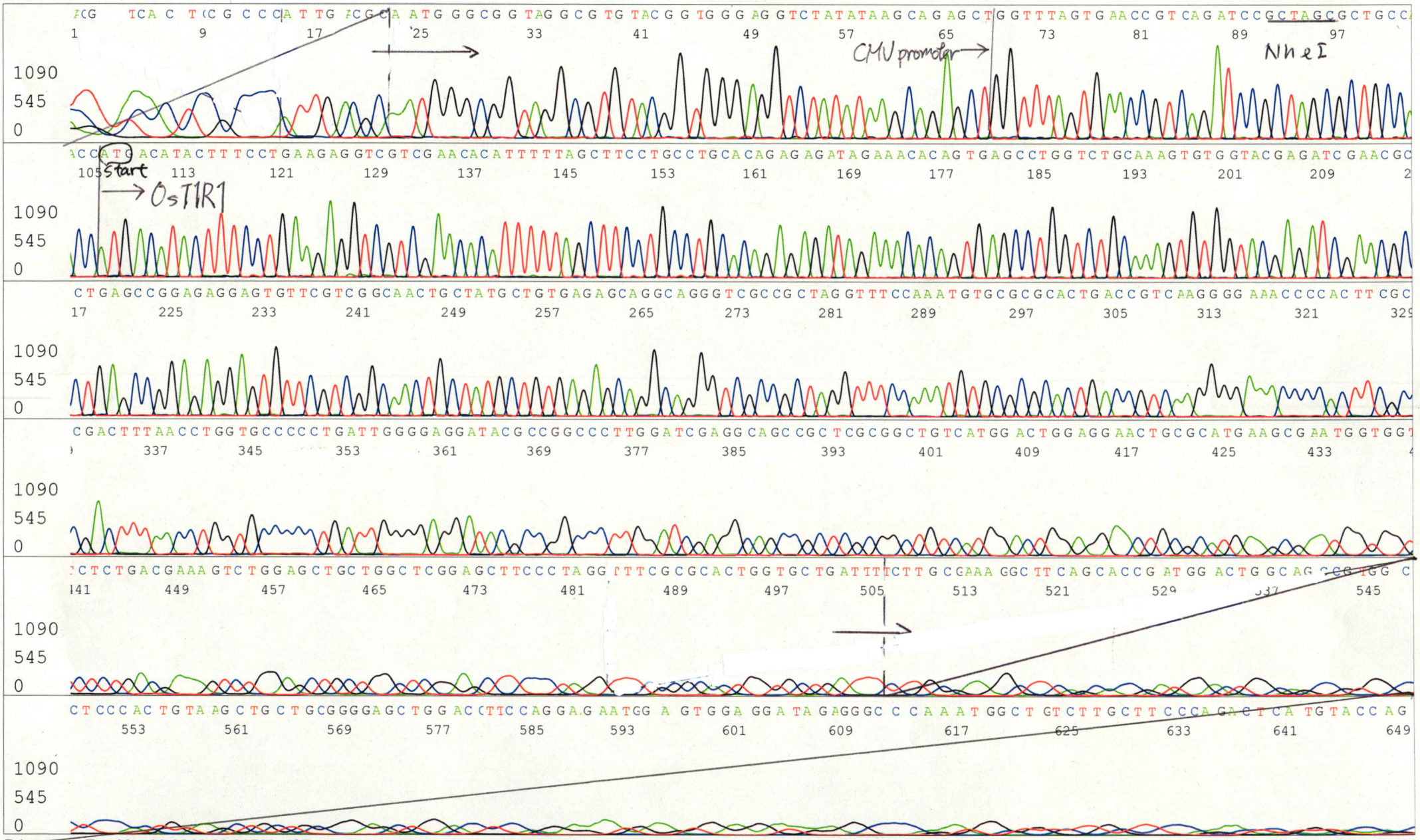
Applied Biosystems

S/N G:796 A:582 T:468 C:613
KB.bcp
KB 1.4.1.8 Cap:10

primer name A : CMV-Forward
5'-GCACCAAAATCAACGGGACTT-3'

D03070A02_A6B8_1_CMV_Forward_D10_10
D03070A02_A6B8_1_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1733 to 13549 Pk1 Loc:1710
Version 6.0 HiSQV Bases: 525

Inst Model/Name 3500/3500 Instrument
Mar 08,2016 01:24PM, JST
Mar 08,2016 01:50PM, JST
Spacing:12.87 Pts/Panel1350
Plate Name: 20160308 kitaku



Applied Biosystems

S/N G:88 A:39 T:30 C:59
KB.bcp
KB 1.4.1.8 Cap:13

primer name B : BGH_rev2
5'- TATTAGGAAAGGACAGTGGG -3'

D03070A02_A6B8_1_BGH_rev2_E10_13
D03070A02_A6B8_1_BGH_rev2
KB_3500_POP7_BDTv3.mob
Pts 1374 to 12794 Pk1 Loc:1351
Version 6.0 HiSQV Bases: 983

Inst Model/Name 3500/3500 Instrument
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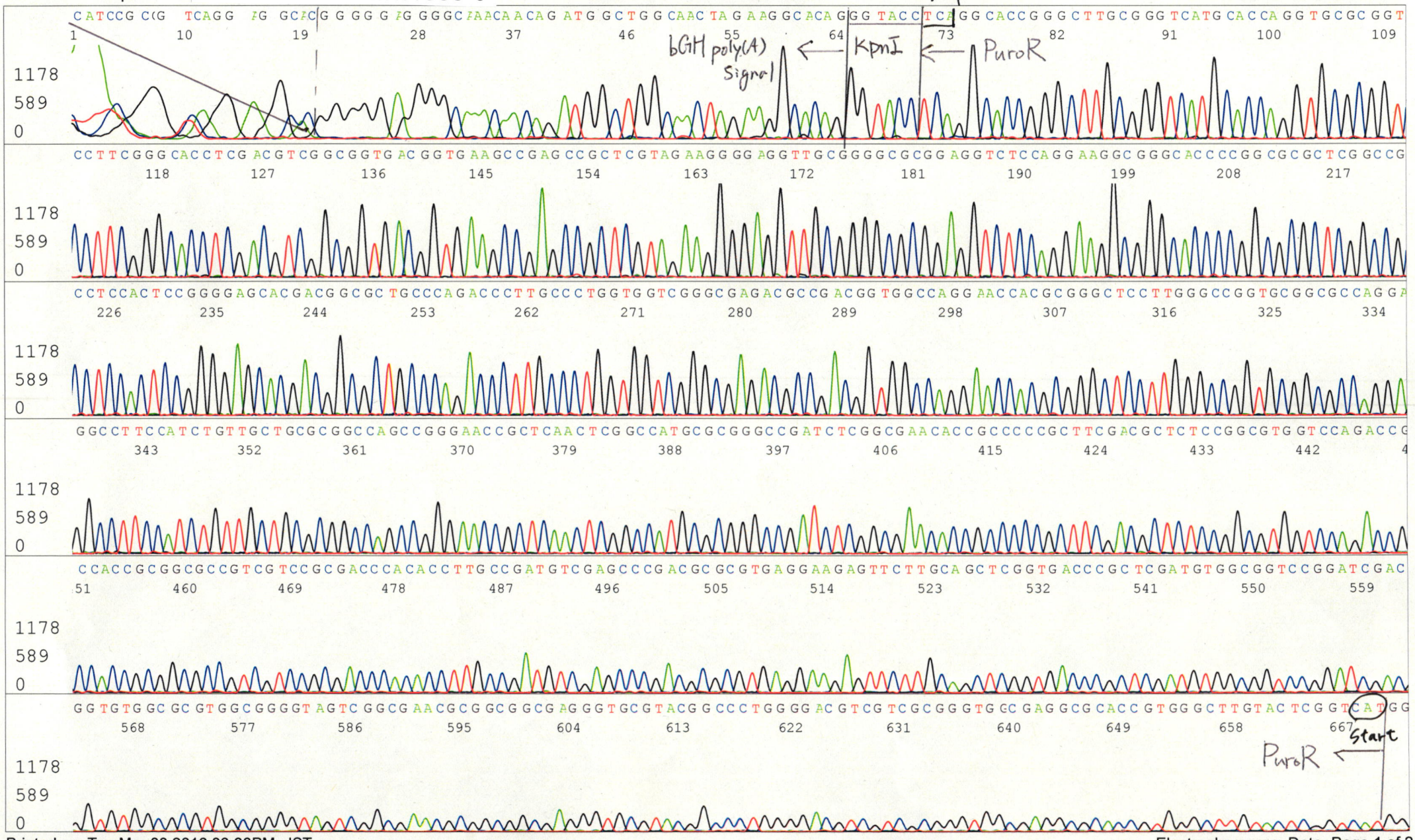
Plate Name: 20160308 kitaku



Applied Biosystems

S/N G:88 A:39 T:30 C:59
KB.bcp
KB 1.4.1.8 Cap:13

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D03070A02_A6B8_1_BGH_rev2
KB_3500_POP7_BDTv3.mob
Pts 1374 to 12794 Pk1 Loc:1351
Version 6.0 HiSQV Bases: 983

Inst Model/Name 3500/3500 Instrument
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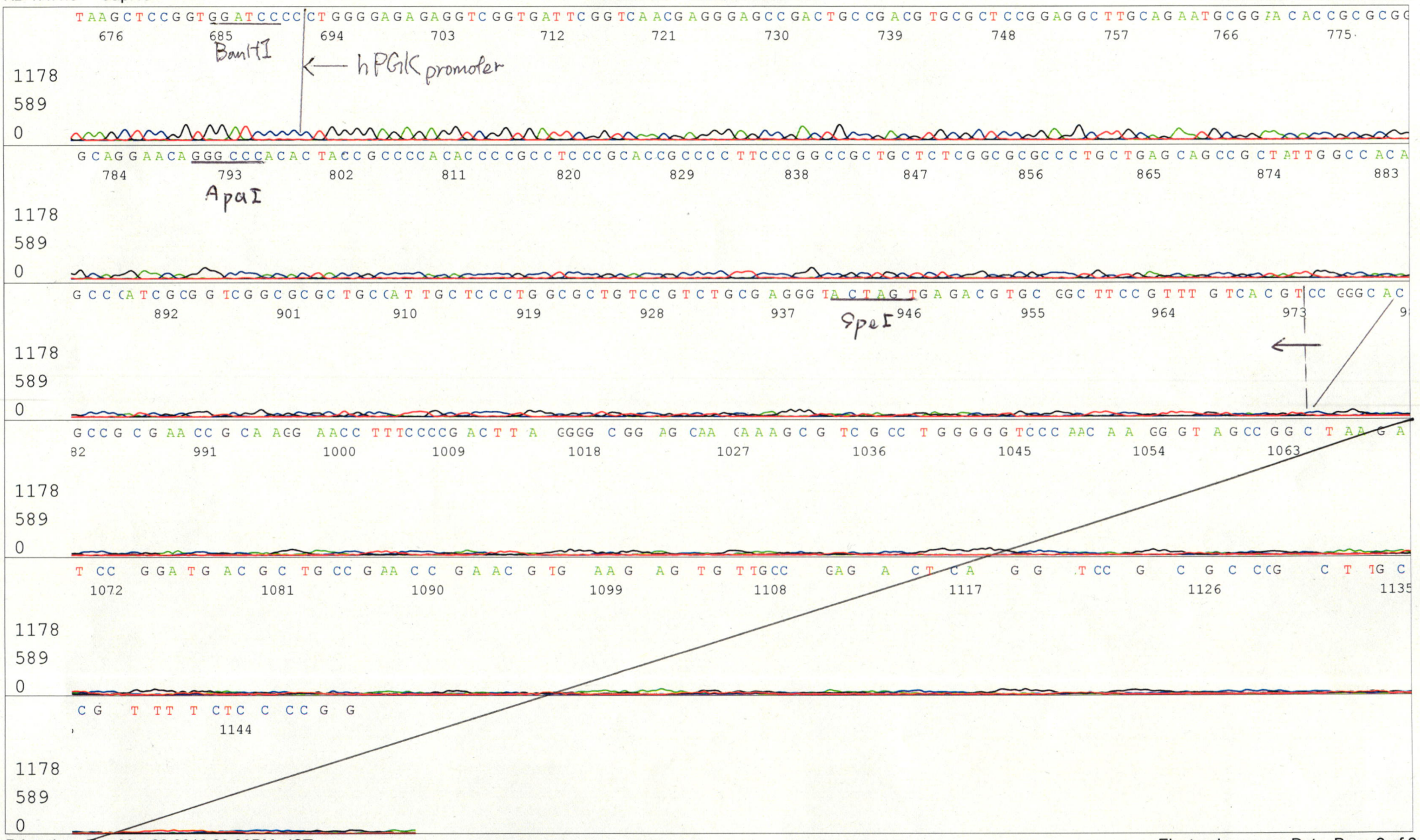
Spacing:11.29 Pts/Panel1350
Plate Name: 20160308 kitaku



Applied Biosystems

S/N G:320 A:165 T:291 C:392
KB.bcp
KB 1.4.1.8 Cap:1

primer name C : M13R
5'-CAGGAAACAGCTATGAC-3'

D03070A02_A6B8_1_M13R_A10_01
D03070A02_A6B8_1_M13R
KB_3500_POP7_BDTv3.mob
Pts 1594 to 13248 Pk1 Loc:1571
Version 6.0 HiSQV Bases: 642

Inst Model/Name 3500/3500 Instrument
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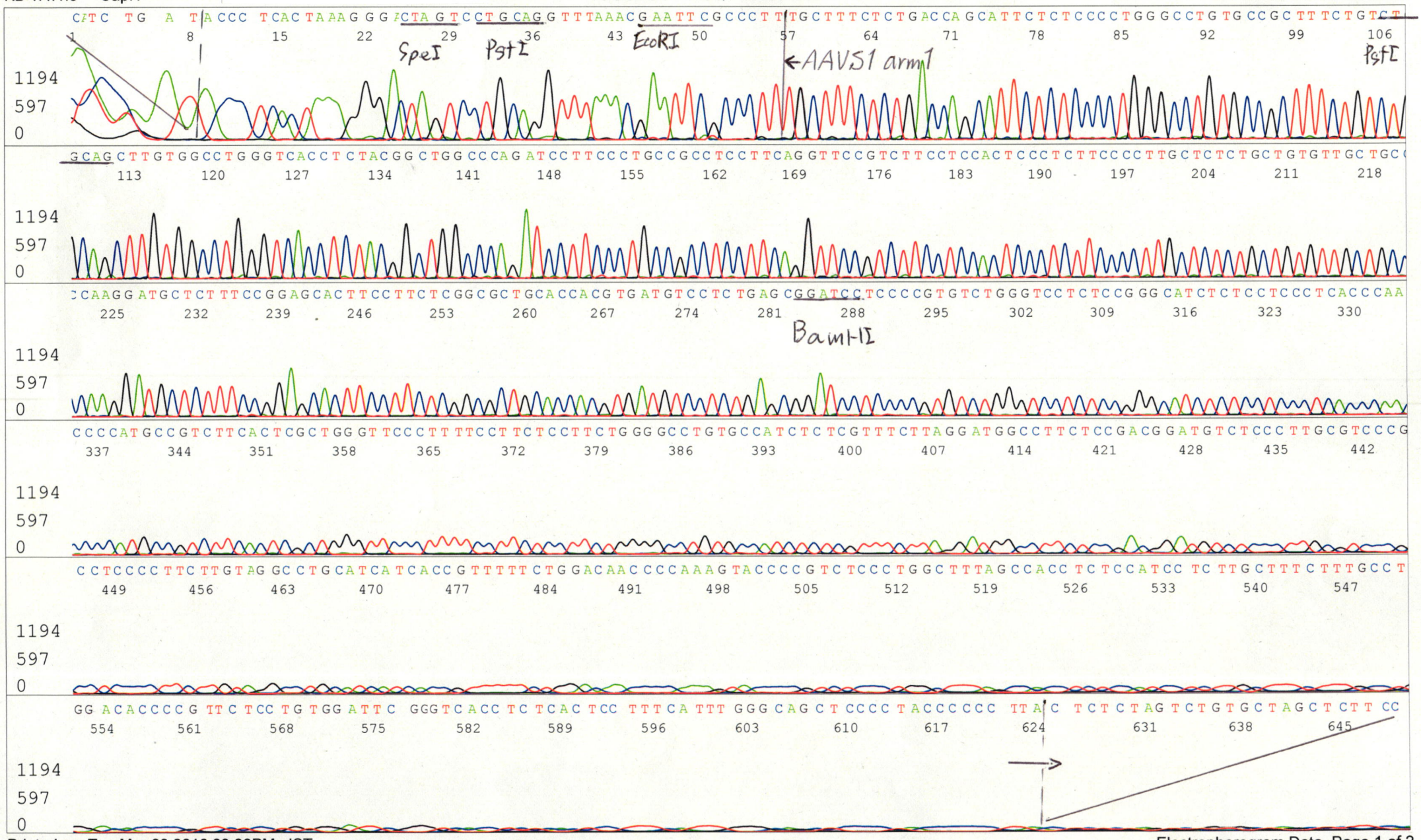
Plate Name: 20160308 kitaku



Applied Biosystems

S/N G:492 A:505 T:228 C:374
KB.bcp
KB 1.4.1.8 Cap:4

primer name : M13_-40
5'-GTTTTCCCAGTCACGACGTTGTA-3'

D03070A02_A6B8_1_M13(-40)_B10_04
D03070A02_A6B8_1_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1468 to 12953 Pk1 Loc:1445
Version 6.0 HiSQV Bases: 941

Inst Model/Name 3500/3500 Instrument
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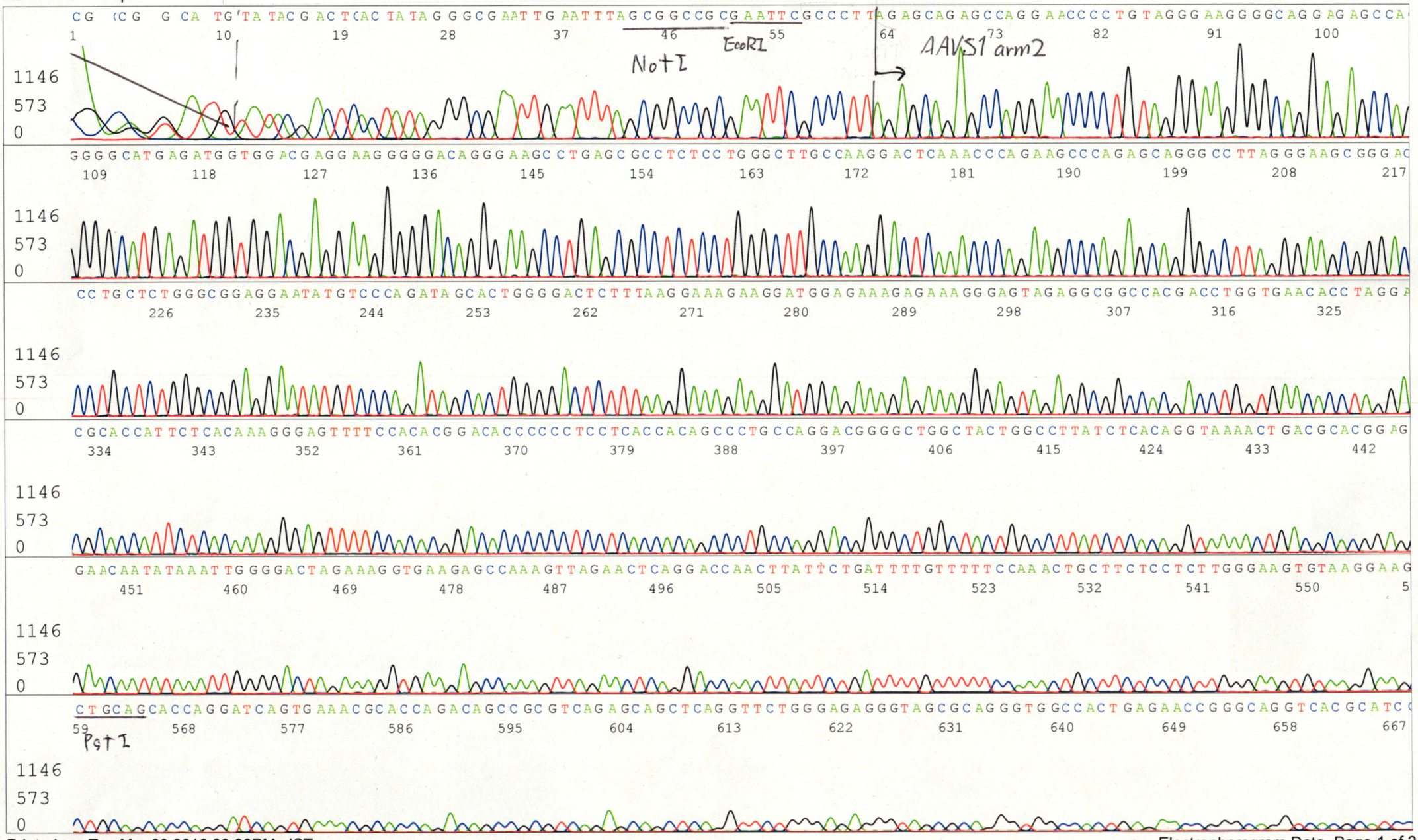
Spacing:11.37 Pts/Panel1350
Plate Name: 20160308 kitaku



Applied Biosystems

S/N G:492 A:505 T:228 C:374
KB.bcp
KB 1.4.1.8 Cap:4

D03070A02_A6B8_1_M13(-40)_B10_04
D03070A02_A6B8_1_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1468 to 12953 Pk1 Loc:1445
Version 6.0 HiSQV Bases: 941

Inst Model/Name 3500/3500 Instrument
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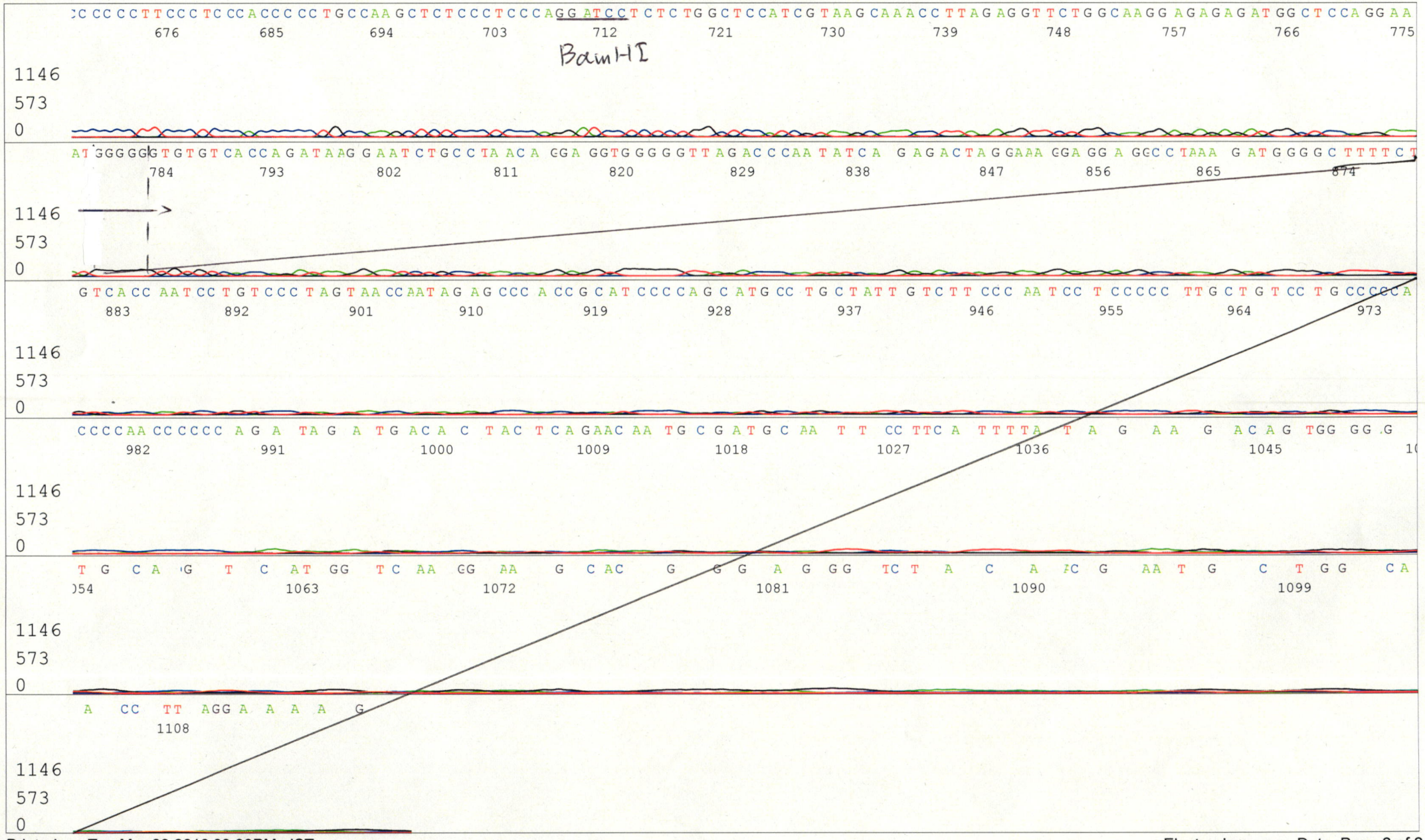
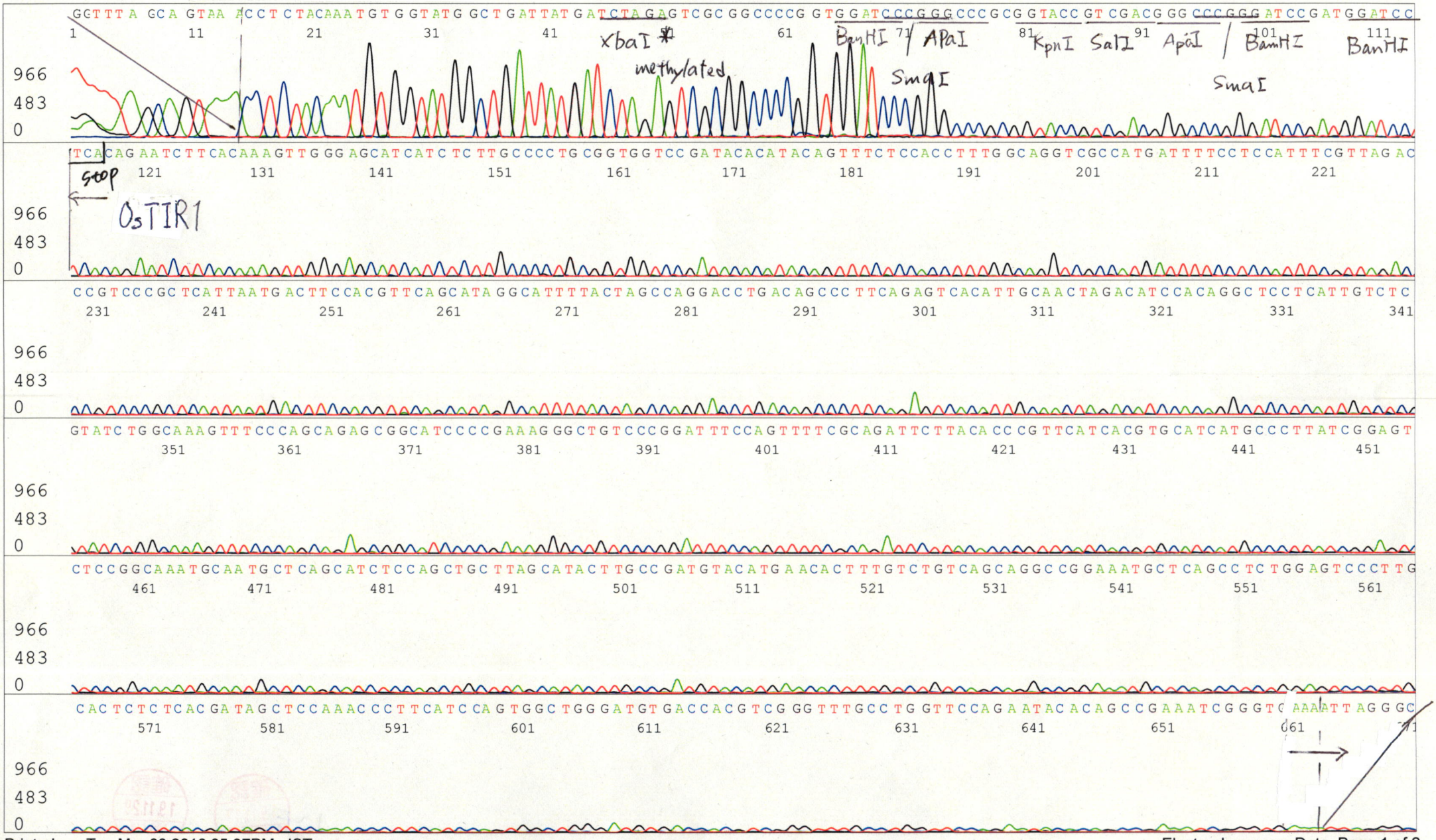
Plate Name: 20160308 kitaku



Applied Biosystems

S/N G:80 A:69 T:66 C:64
KB.bcp
KB 1.4.1.8 Cap:7

primer name E : SV40polyA-R
5'-TCATTTTATGTTTCAGGTTC-3'

D03070A02_A6B8_1_SV40polyA-R_C10_07
D03070A02_A6B8_1_SV40polyA-R
KB_3500_POP7_BDTv3.mob
Pts 1450 to 10000 Pk1 Loc:1361
Version 6.0 HiSQV Bases: 749

Inst Model/Name 3500/3500 Instrument
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Spacing:13.25 Pts/Panel1350
Plate Name: 20160308 kitaku