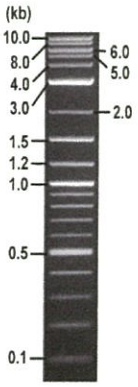
Gene Engineering Division
RIKEN BioResource Research Center

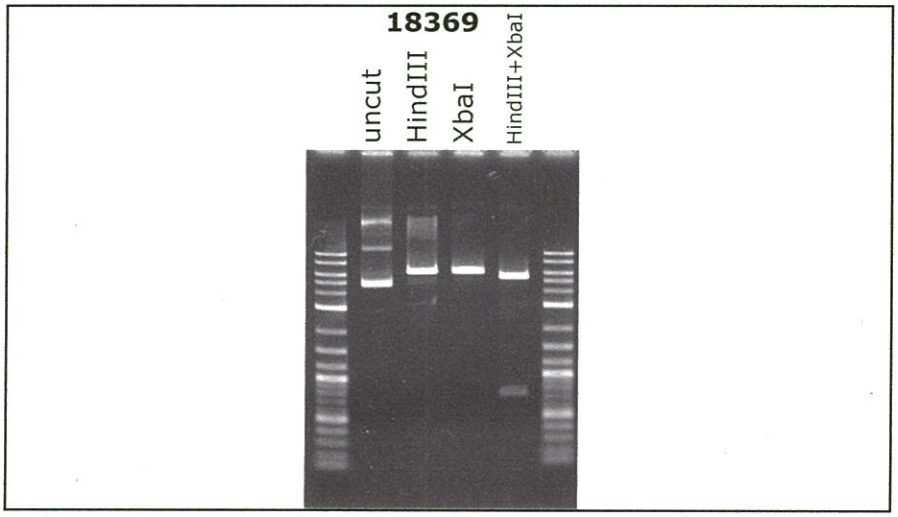
RIKEN DNA BANK

clone name : mitoKeima-Red

- **Clone ID** : RDB _ 18369
- **Lot** : 18369 _ B0Gm
- **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





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

Restriction enzyme		Expected size of fragment	
HindIII	:	**6.2**	kbp
XbaI	:	**6.2**	kbp
HindIII+XbaI	:	**5.4, 0.7**	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, mitoKeima-Red 5'
Sequence - B	Pr0606	BGH_rev2	bGH pA, mitoKeima-Red 3'
Sequence - C	Pr0731	SV40pro_ori_F	SV40 pro_ori, NeoR
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

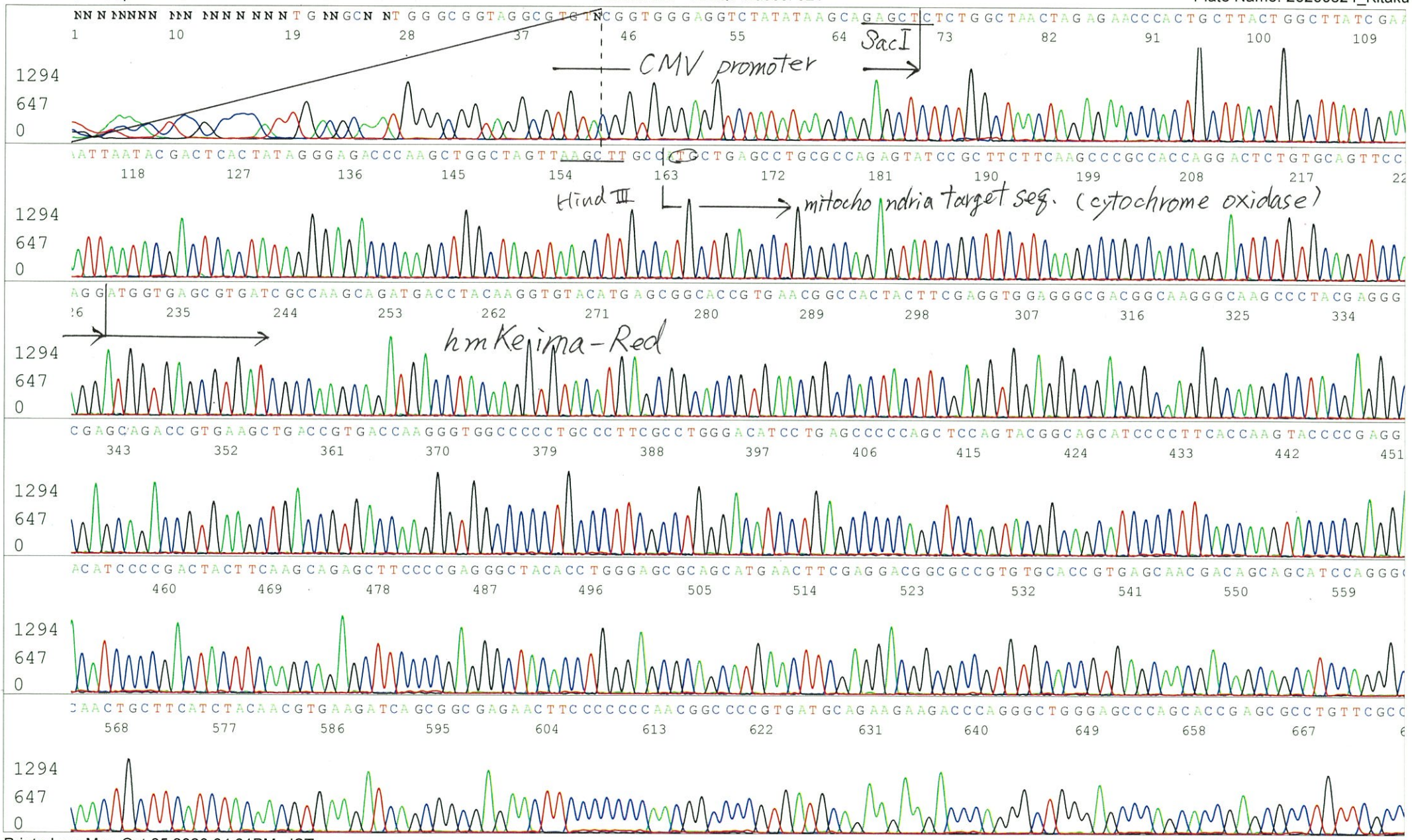
確認 24.10.06 金藤

Applied Biosystems

S/N G:92 A:117 T:9 primer name A : CMV_Forward
KB.bcp
KB 1.4.1.8 Cap:: 5'- GCACCAAAATCAACGGGACTT -3'

D07172A1_B0Gm_3_CMV_Forward_G01_07_ABI08
D07172A1_B0Gm_3_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1449 to 13405 Pk1 Loc:1426
Version 6.0 HiSQV Bases: 921

Inst Model/Name 3500/3500 Instrument
Aug 24,2020 10:09AM, JST
Aug 24,2020 10:51AM, JST
Spacing:12.21 Pts/Panel1350
Plate Name: 20200824_Kitaku



Applied Biosystems

S/N G:92 A:117 T:97 C:155
KB.bcp
KB 1.4.1.8 Cap:7

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D07172A1_B0Gm_3_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1449 to 13405 Pk1 Loc:1426
Version 6.0 HiSQV Bases: 921

Inst Model/Name 3500/3500 Instrument
Aug 24,2020 10:09AM, JST
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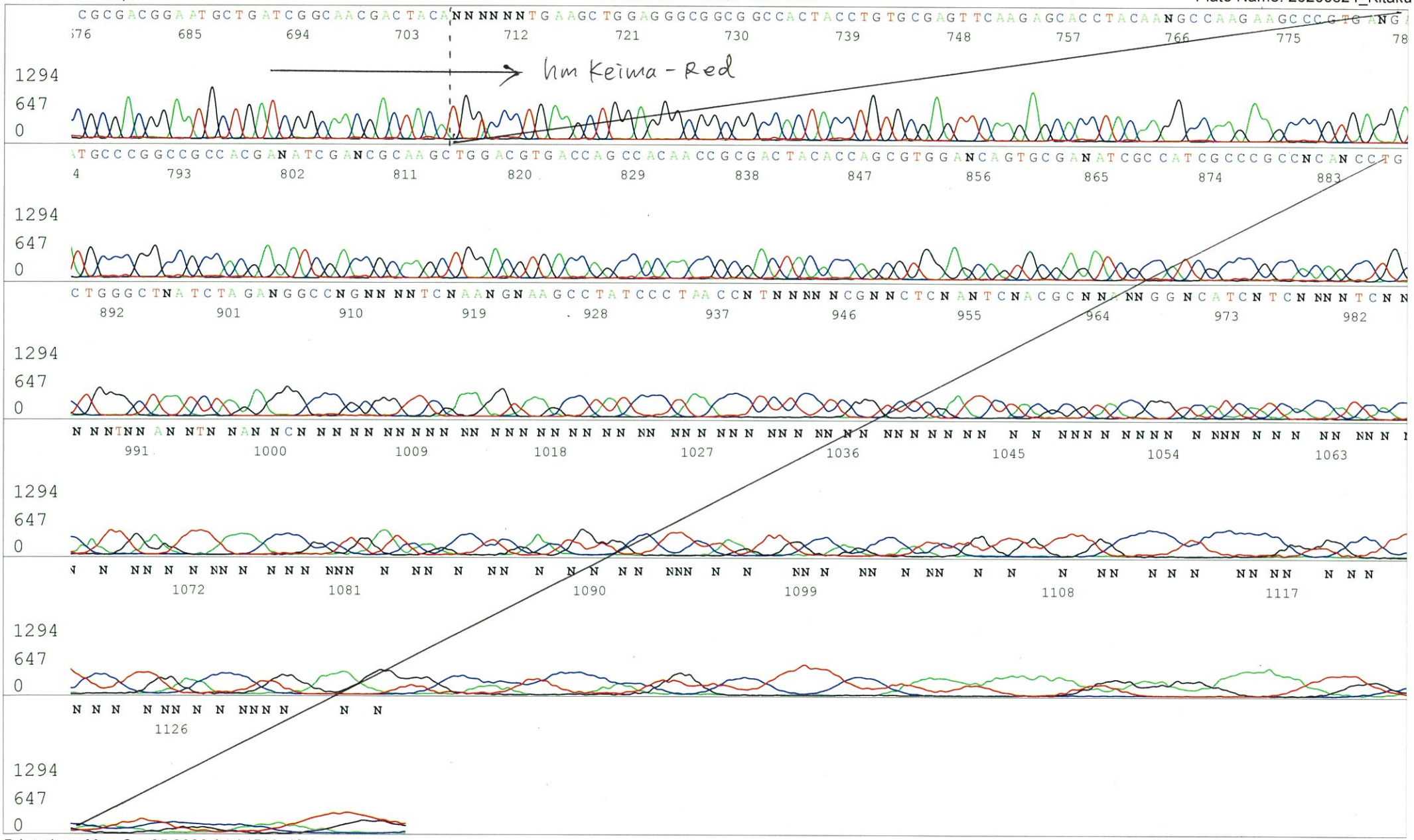

Applied Biosystems

S/N G:135 A:100 T: primer name B : BGH_rev2
KB.bcp
KB 1.4.1.8 Cap:8 5' TATTAGGAAAGGACAGTGGG-3'

D07172A1_B0Gm_3_BGH_rev2_H01_08_ABI08
D07172A1_B0Gm_3_BGH_rev2
KB_3500_POP7_BDTv3.mob
Pts 1458 to 13525 Pk1 Loc:1435
Version 6.0 HiSQV Bases: 929

Inst Model/Name 3500/3500 Instrument
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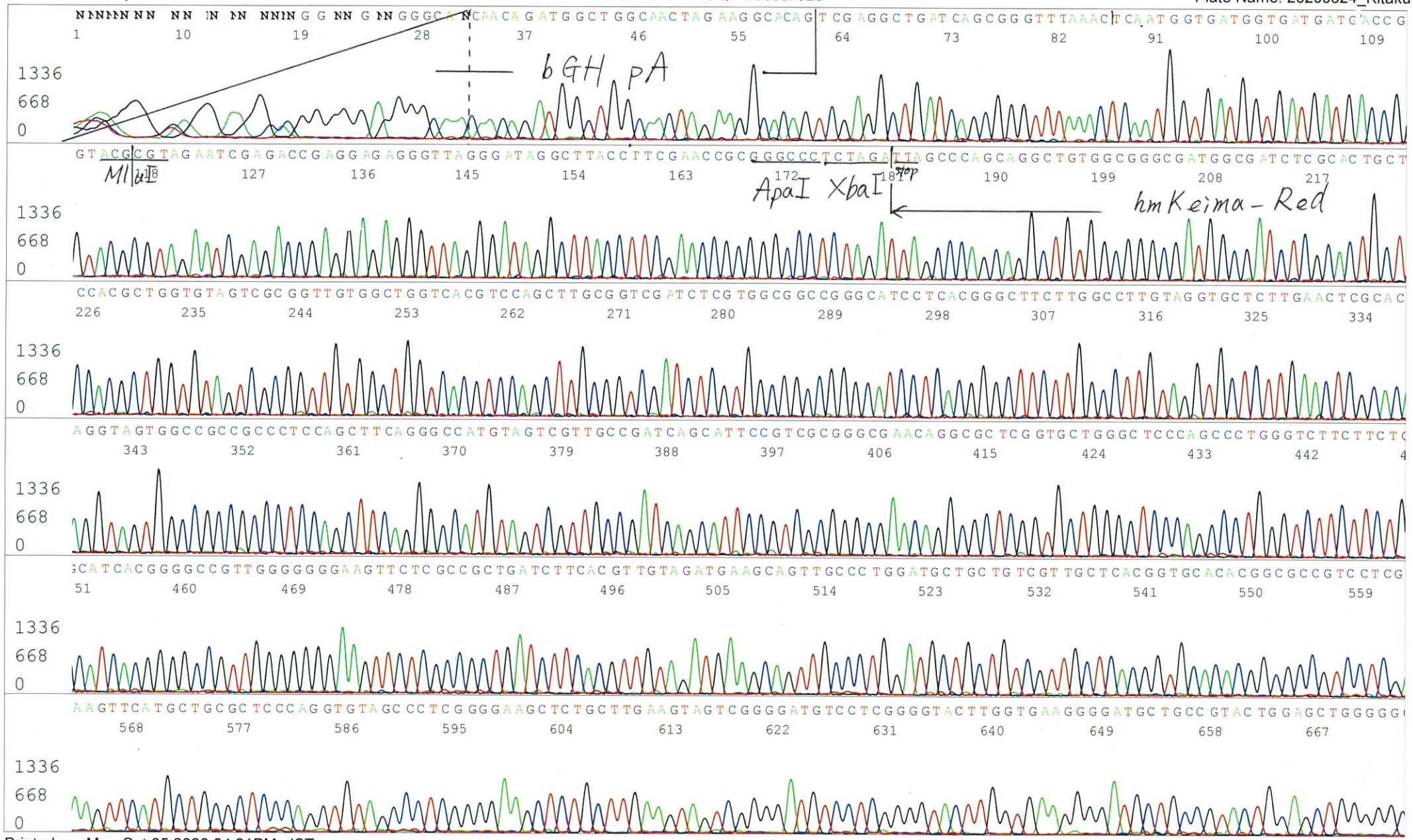
Aug 24,2020 10:51AM, JST
Spacing:12.24 Pts/Panel1350
Plate Name: 20200824_Kitaku



Applied Biosystems

S/N G:135 A:100 T:121 C:181
KB.bcp
KB 1.4.1.8 Cap:8

D07172A1_B0Gm_3_BGH_rev2_H01_08_ABI08
D07172A1_B0Gm_3_BGH_rev2
KB_3500_POP7_BDTv3.mob
Pts 1458 to 13525 Pk1 Loc:1435
Version 6.0 HiSQV Bases: 929

Inst Model/Name 3500/3500 Instrument
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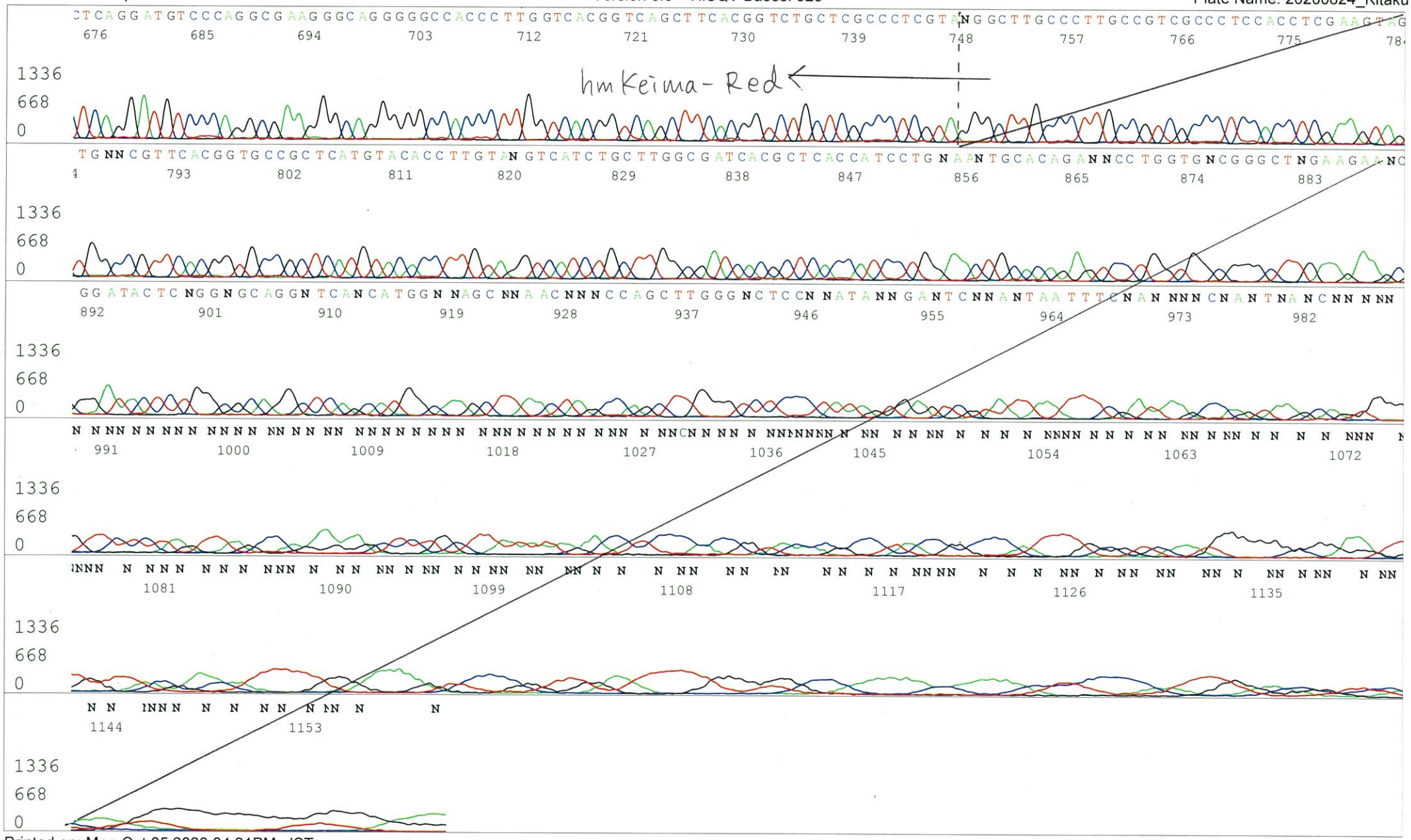

Applied Biosystems

S/N G:44 A:46 primer name : C SV40pro_ori_F
KB.bcp
KB 1.4.1.8 C 5'-TTCTCCGCCCCATGGCTGACTAAT-3'

D07172A1_B0Gm_3_SV40pro_ori_F_G04_07_ABI08
D07172A1_B0Gm_3_SV40pro_ori_F
KB_3500_POP7_BDTv3.mob
Pts 1432 to 13171 Pk1 Loc:1409
Version 6.0 HiSQV Bases: 930

Inst Model/Name 3500/3500 Instrument
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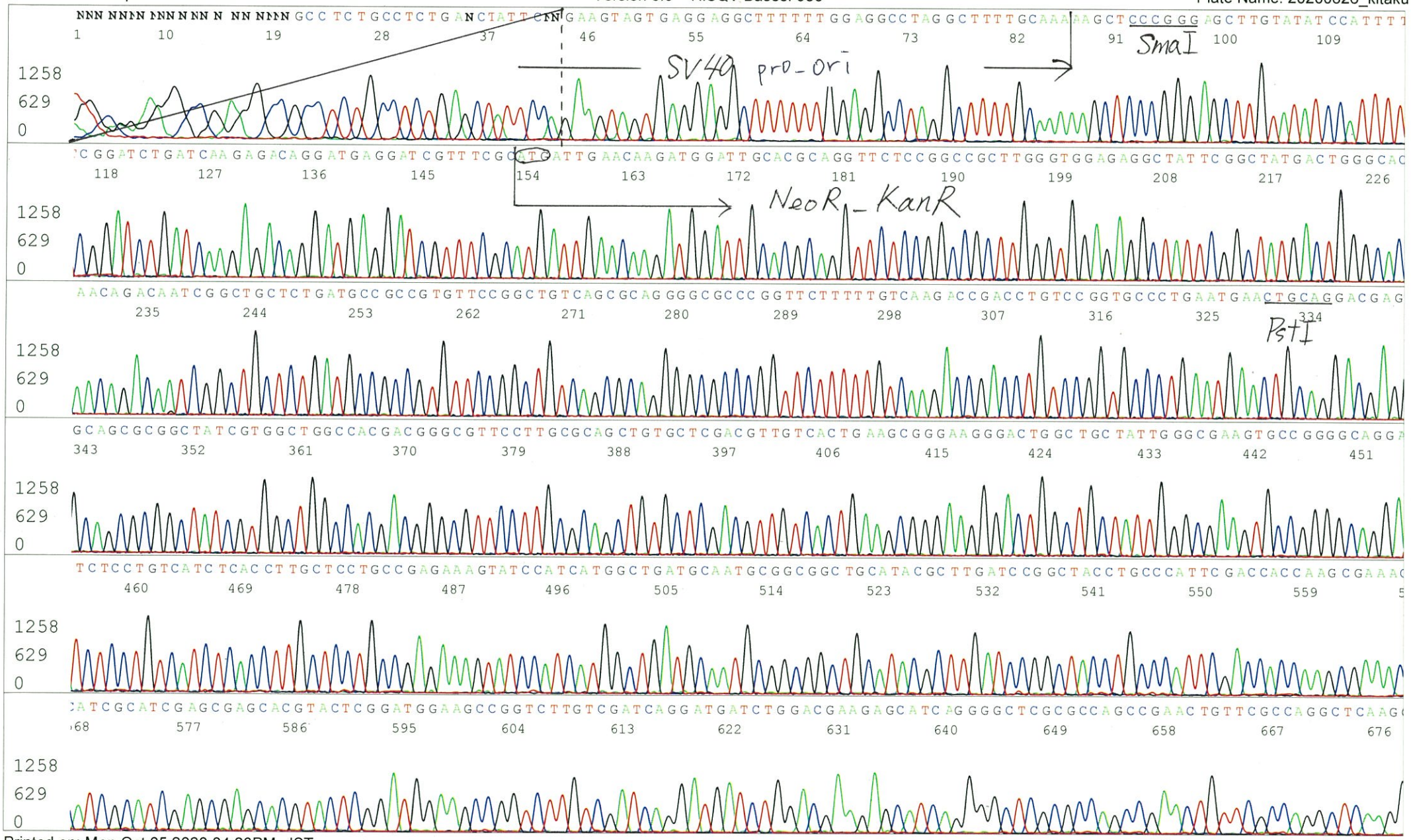
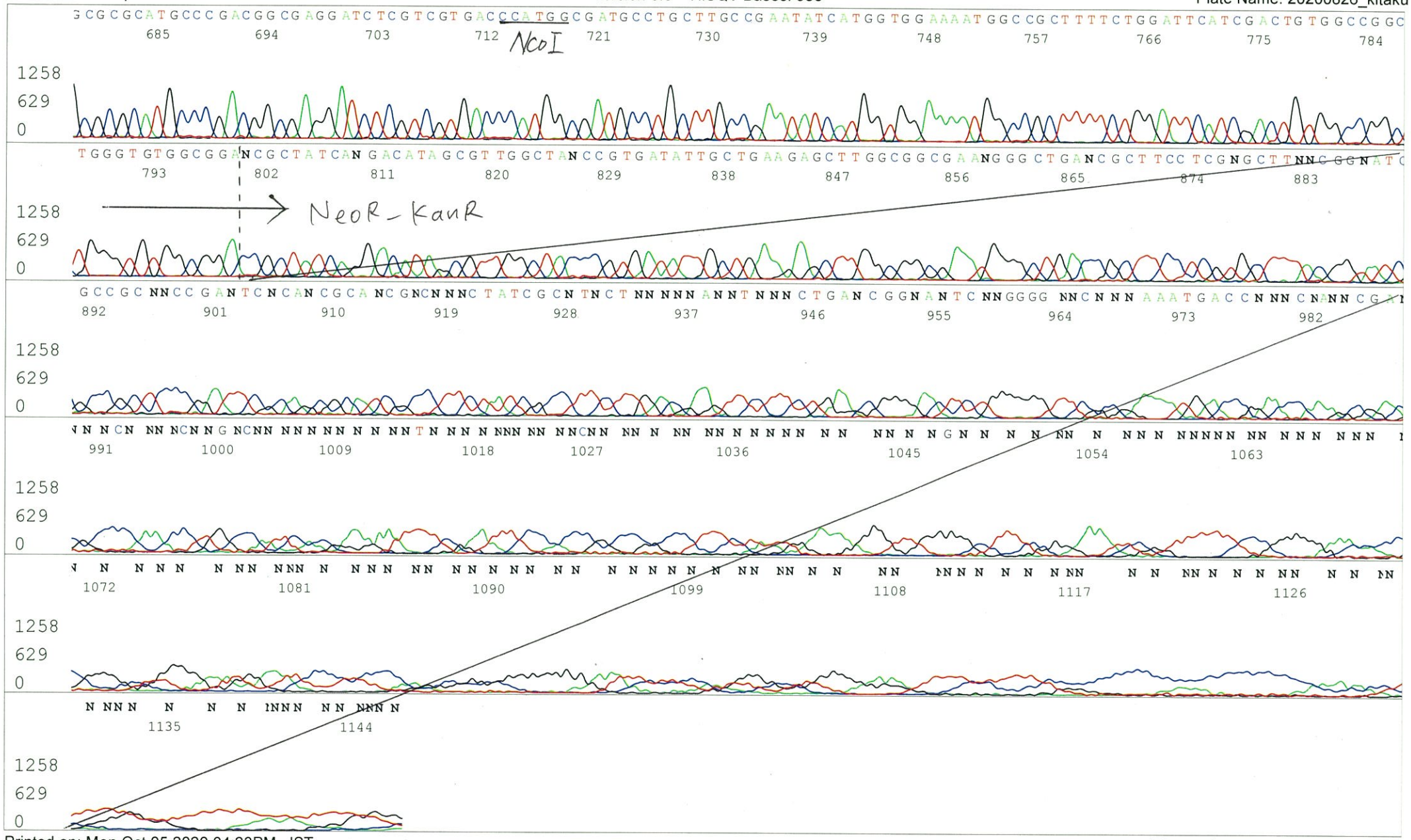
Aug 26,2020 03:29PM, JST
Spacing:11.89 Pts/Panel1350
Plate Name: 20200826_kitaku



Applied Biosystems

S/N G:44 A:46 T:43 C:66
KB.bcp
KB 1.4.1.8 Cap:7

D07172A1_B0Gm_3_SV40pro_ori_F_G04_07_ABI08
D07172A1_B0Gm_3_SV40pro_ori_F
KB_3500_POP7_BDTv3.mob
Pts 1432 to 13171 Pk1 Loc:1409
Version 6.0 HiSQV Bases: 930

Inst Model/Name 3500/3500 Instrument
Aug 26,2020 03:02PM, JST
Aug 26,2020 03:29PM, JST
Spacing:11.89 Pts/Panel1350
Plate Name: 20200826_kitaku