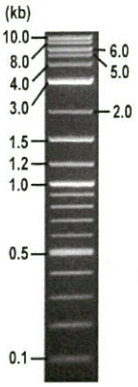
Gene Engineering Division
RIKEN BioResource Research Center

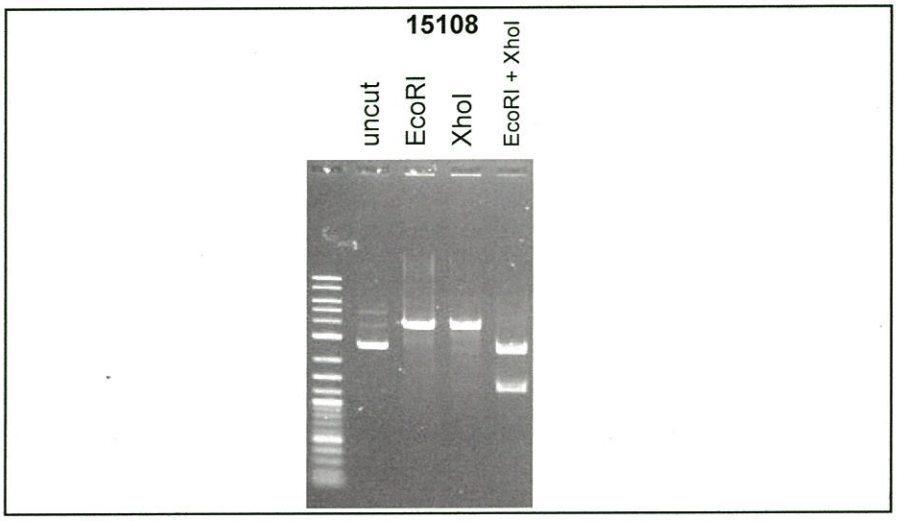
RIKEN DNA BANK

clone name : pENTR1A-CMV-GFP-BGHpA(r)

- **Clone ID** : RDB _ 15108
- **Lot** : 15108 _ A7Fd
- **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	
EcoRI	:	**3.9**	kbp
XhoI	:	**3.9**	kbp
EcoRI + XhoI	:	**2.5, 1.4**	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, EGFP 5'
Sequence - B	Pr0606	BGH_rev2	BGH p(A), EGFP 3'
Sequence - C	Pr0373	BGHpA_F	BGH p(A), attL1, rrnB T1 T2 ter
Sequence - D	Pr0173	CMV_en_R	attL2, KanR
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認
19.10.03
金藤

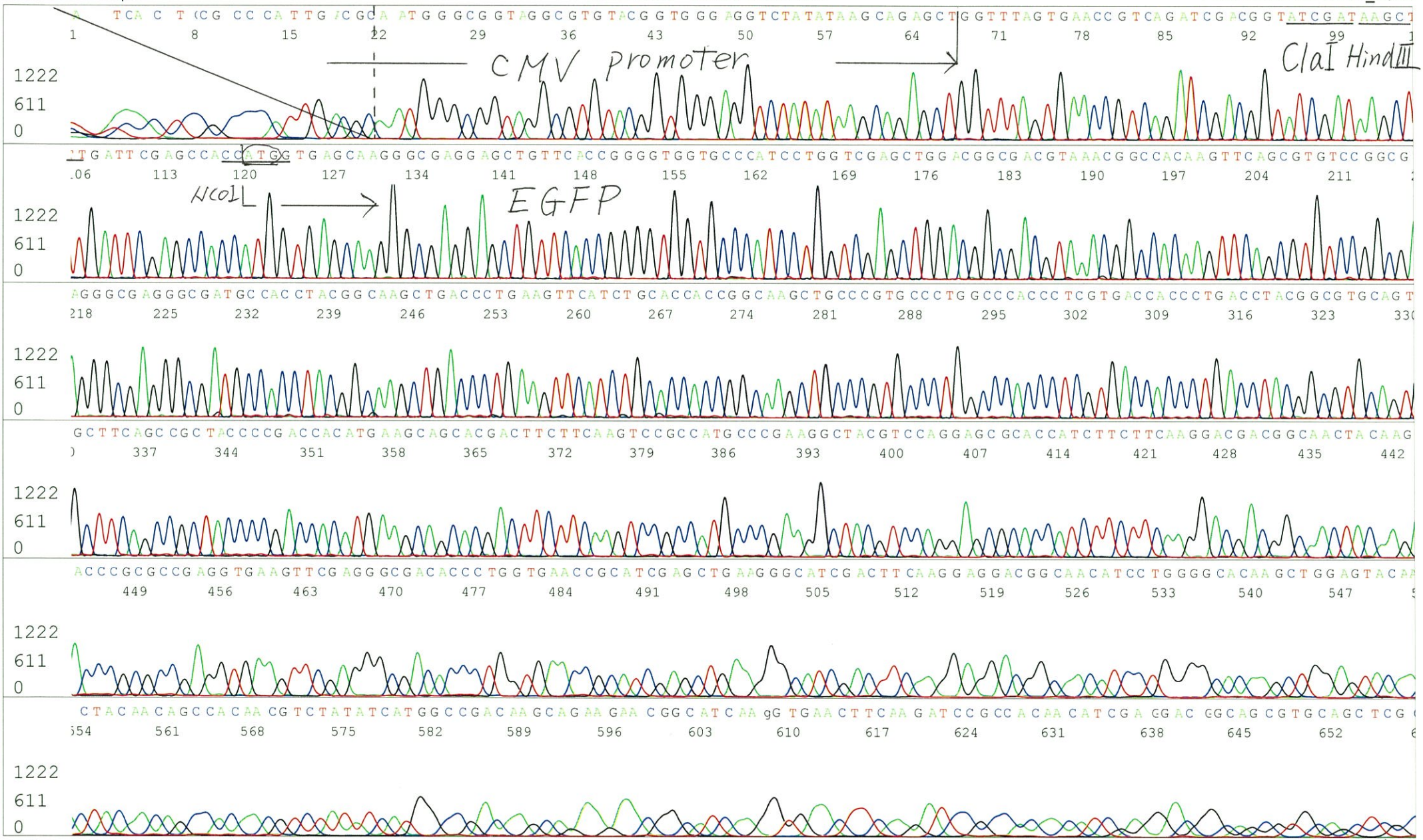
Applied Biosystems

S/N G:401 A:517 T:336 C:564
KB.bcp
KB 1.4.1.8 Cap:9

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

D04569A2-2_A7Ed_CMV-Forward_C03_09_ABI24
D04569A2-2_A7Ed_CMV-Forward
KB_3500_POP7_BDTv3.mob
Pts 1676 to 13304 Pk1 Loc:1653
Version 6.0 HiSQV Bases: 692

Inst Model/Name 3500/3500 Instrument
Jul 04,2017 10:35AM, JST
Jul 04,2017 11:02AM, JST
Spacing:11.98 Pts/Panel1350
Plate Name: 20170704_kitaku



Applied Biosystems

S/N G:401 A:517 T:336 C:564
KB.bcp
KB 1.4.1.8 Cap:9

D04569A2-2_A7Ed_CMV-Forward_C03_09_ABI24
D04569A2-2_A7Ed_CMV-Forward
KB_3500_POP7_BDTv3.mob
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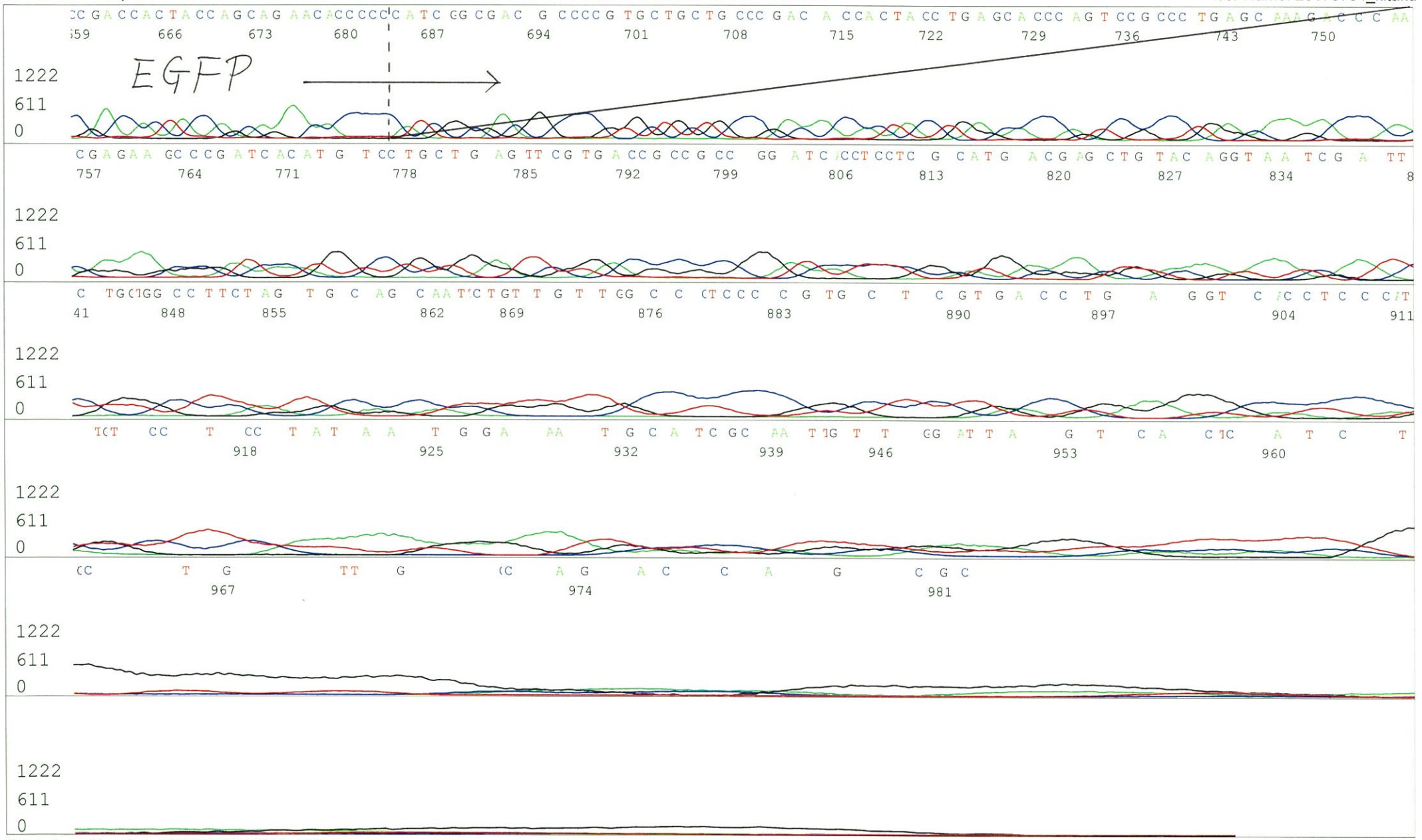

Applied Biosystems

S/N G:947 A:778 T:843 C:993
KB.bcp
KB 1.4.1.8 Cap:12

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

D04569A2-2_A7Ed_BGH_rev2_D03_12_ABI24
D04569A2-2_A7Ed_BGH_rev2
KB_3500_POP7_BDTv3.mob
Pts 1585 to 13163 Pk1 Loc:1562
Version 6.0 HiSQV Bases: 938

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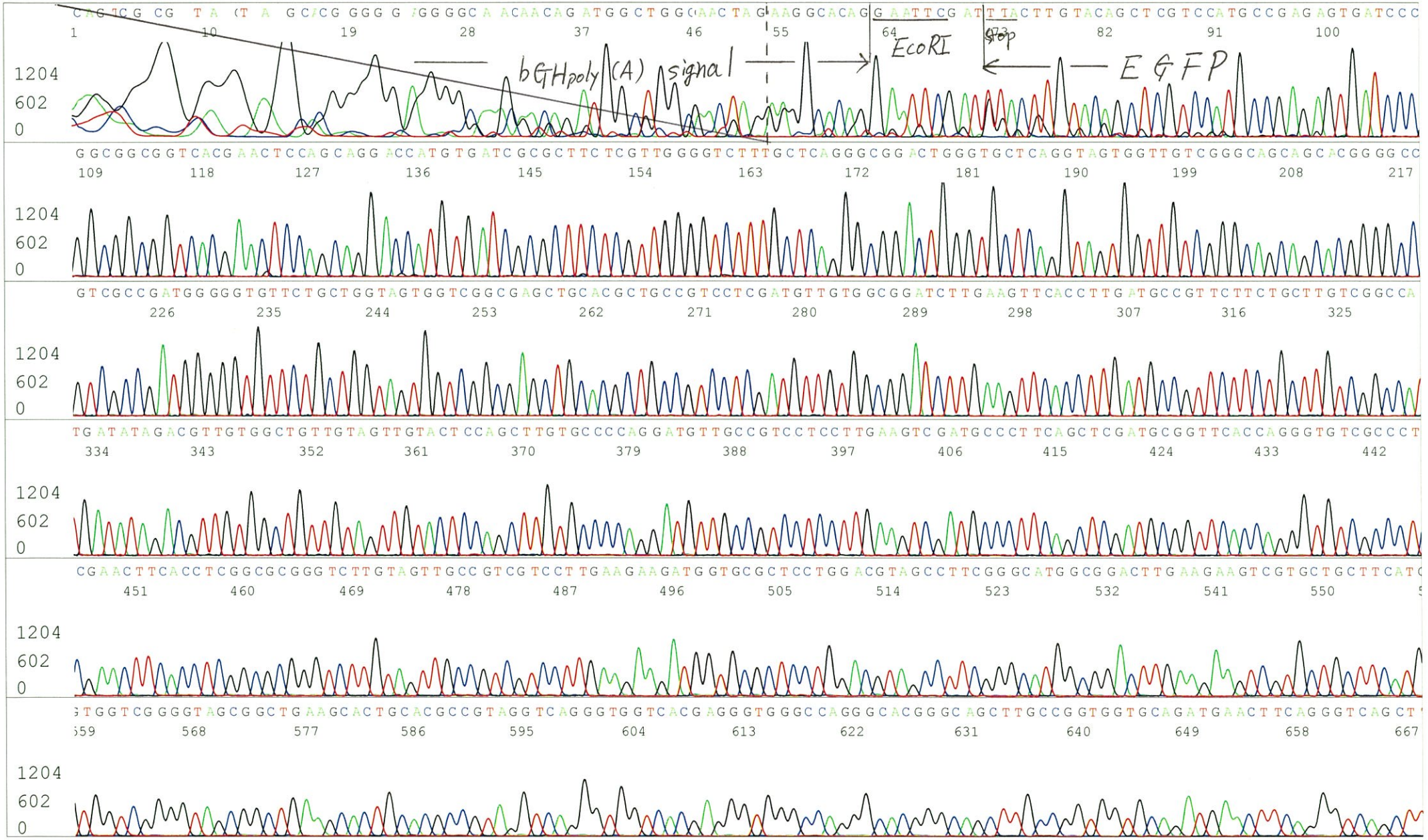
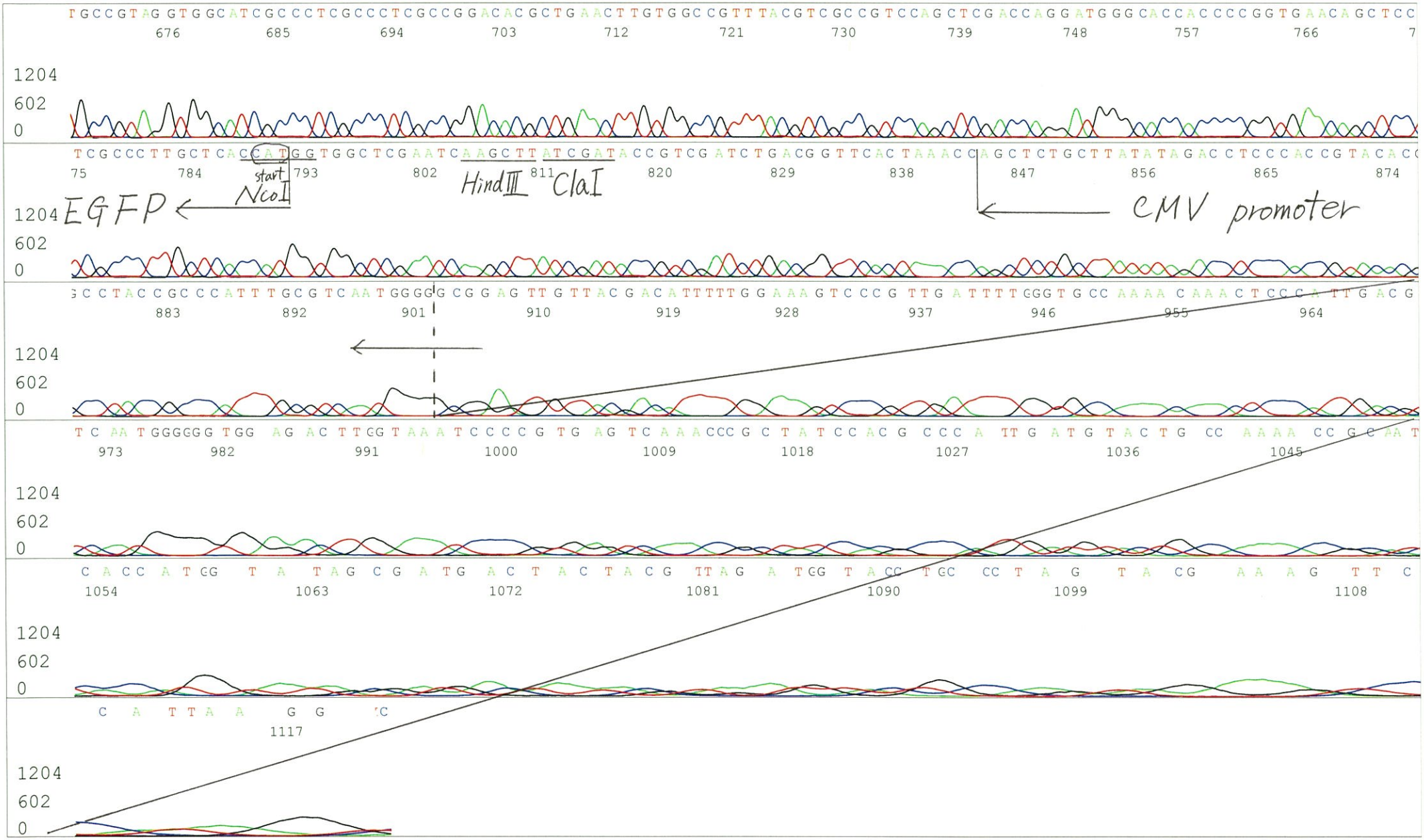
Plate Name: 20170704_kitaku



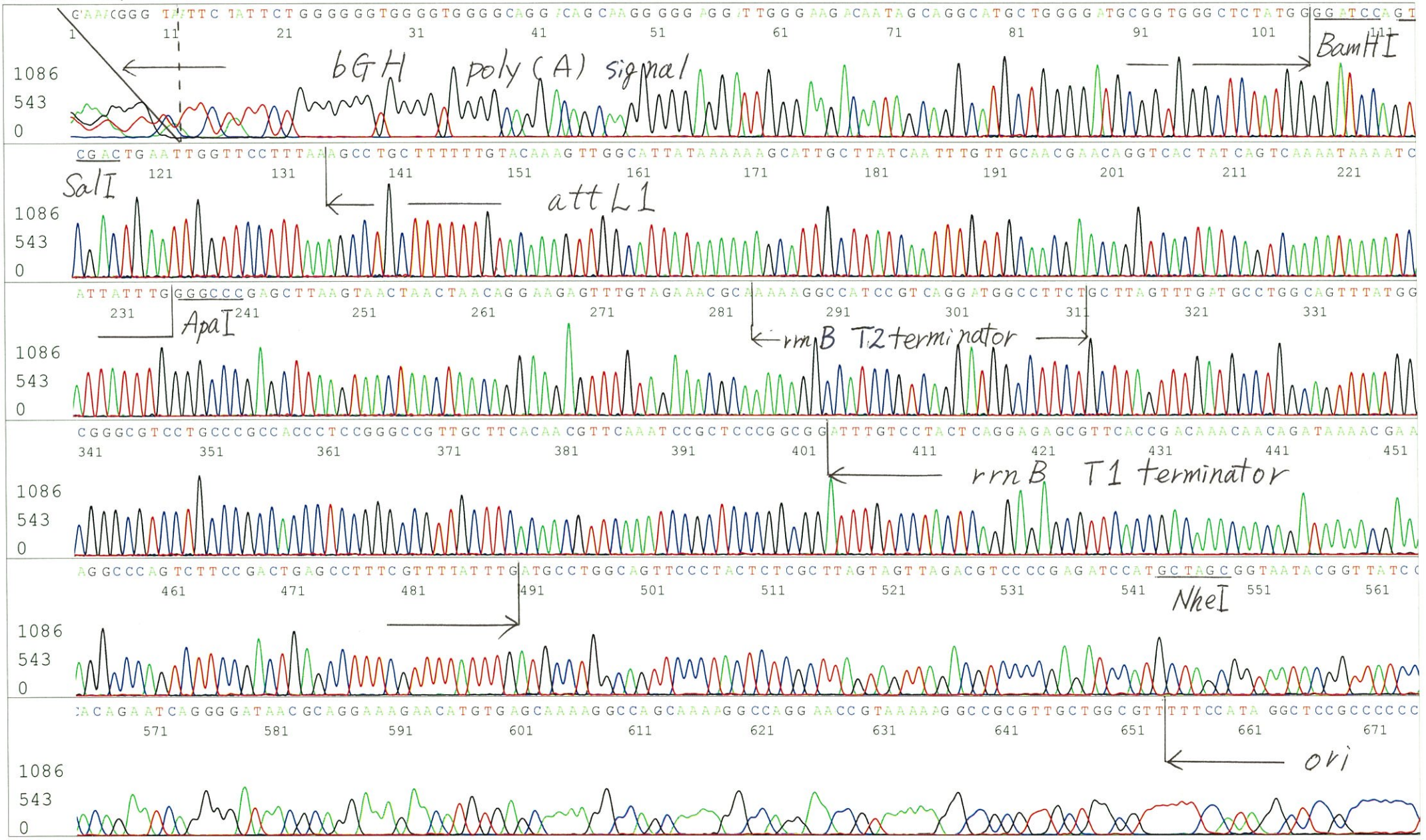

start
NcoI
EGFP
HindIII ClaI
CMV promoter

Applied Biosystems

S/N G:74 A:85 T:87 C:126 primer name C : BGHpA_F
KB.bcp
KB 1.4.1.8 Cap:4
5'- AAATGAGGAAATTGCATCGC -3'

D04569A2_2_A7Fd_BGHpA_F_B01_04_ABI24
D04569A2_2_A7Fd_BGHpA_F
KB_3500_POP7_BDTv3.mob
Pts 1692 to 8617 Pk1 Loc:1660
Version 6.0 HiSQV Bases: 708

Inst Model/Name 3500/3500 Instrument
Mar 02,2018 02:42PM, JST
Mar 02,2018 03:05PM, JST
Spacing:10.48 Pts/Panel1350
Plate Name: 180302_kitaku yamasaki



Applied Biosystems

S/N G:74 A:85 T:87 C:126
KB.bcp
KB 1.4.1.8 Cap:4

D04569A2_2_A7Fd_BGHpA_F_B01_04_ABI24
D04569A2_2_A7Fd_BGHpA_F
KB_3500_POP7_BDTv3.mob
Pts 1692 to 8617 Pk1 Loc:1660
Version 6.0 HiSQV Bases: 708

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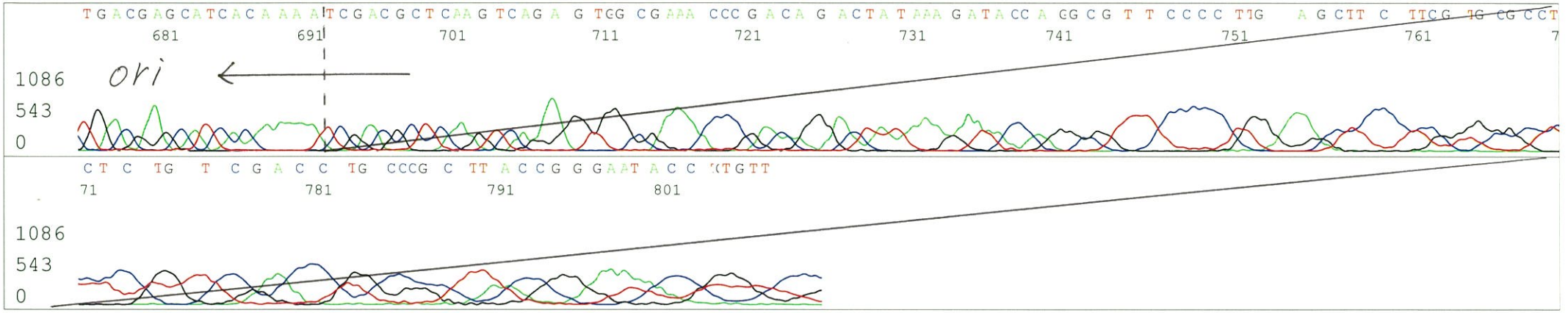
Mar 02,2018 02:42PM, JST
Mar 02,2018 03:05PM, JST
Spacing:10.48 Pts/Panel1350
Plate Name: 180302_kitaku yamasaki



Applied Biosystems

S/N G:168 A:234 T:268 C:18
KB.bcp
KB 1.4.1.8 Cap:3

primer name D : CMV_en_R
5'- GGAACTCCATATATGGG -3'

D04569A2-2_A7Ed_CMV_en_R_A03_03_ABI24
D04569A2-2_A7Ed_CMV_en_R
KB_3500_POP7_BDTv3.mob
Pts 1611 to 13186 Pk1 Loc:1588
Version 6.0 HiSQV Bases: 957

Inst Model/Name 3500/3500 Instrument
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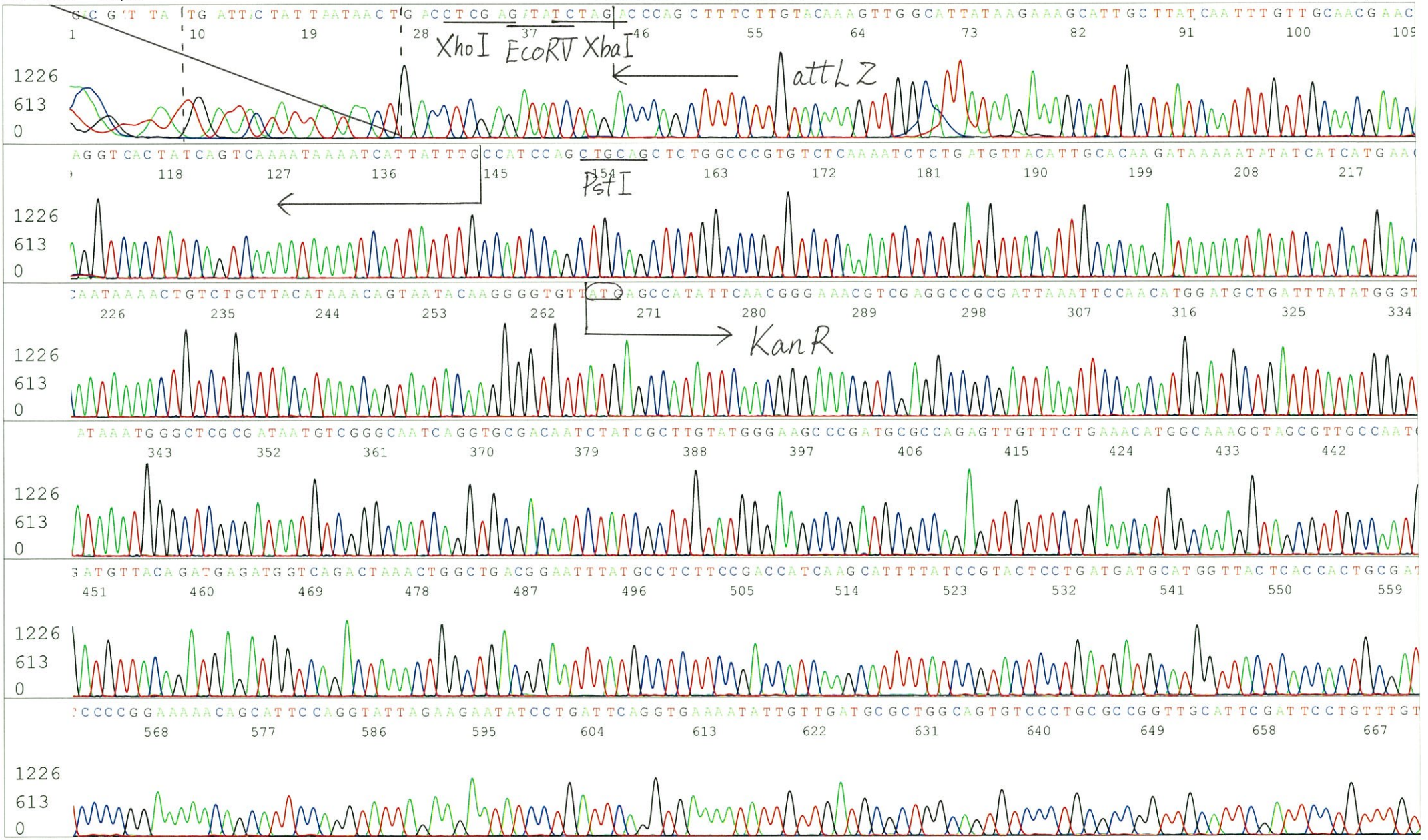
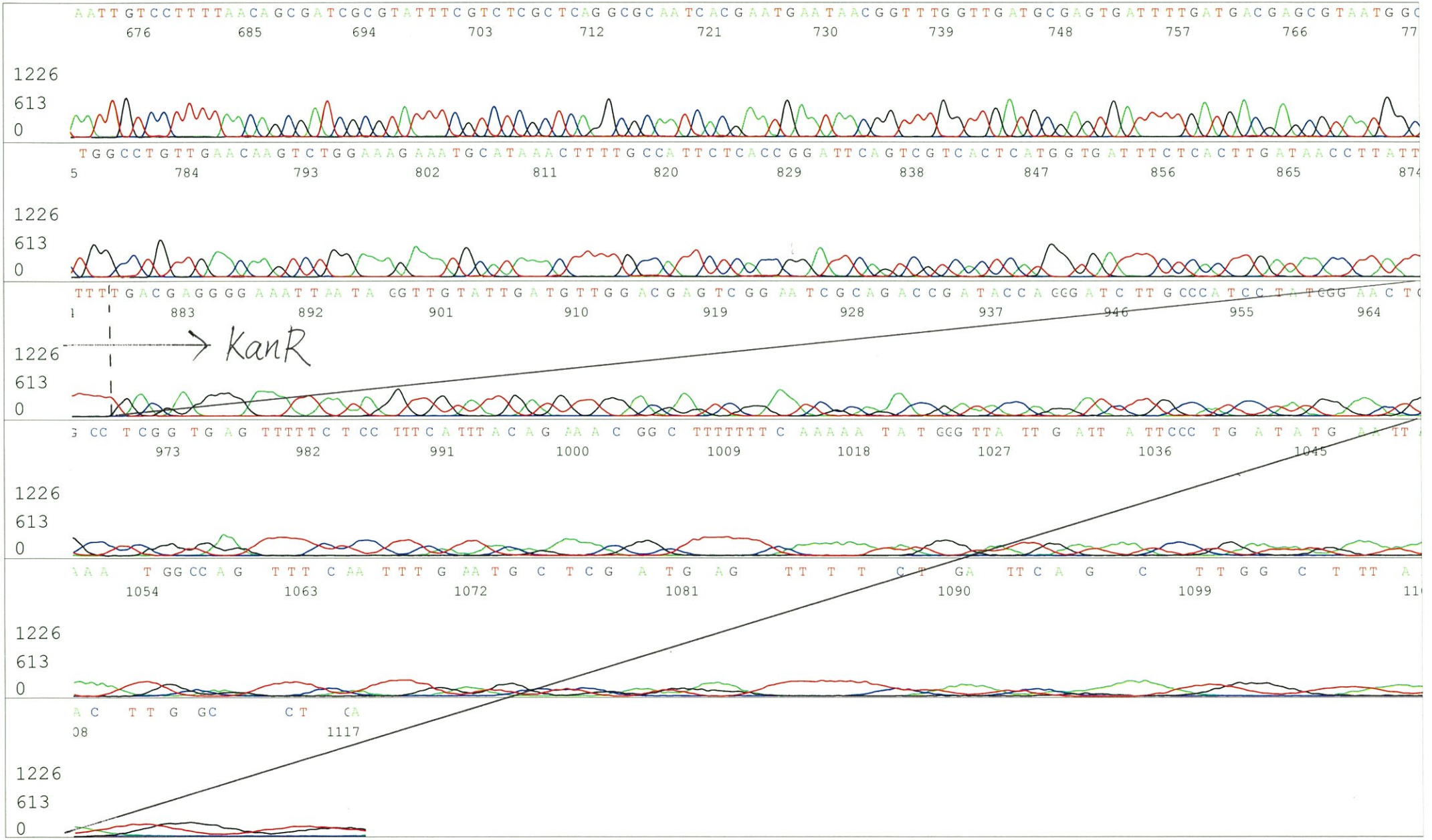
Plate Name: 20170704_kitaku




KanR