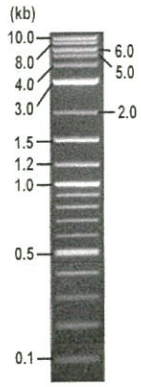
Gene Engineering Division
RIKEN BioResource Center

RIKEN DNA BANK

clone name : CSIV-TRE-GFP-CMV-KT

- Clone ID : RDB _ 12875
- Lot : 12875 _ A5Ek
- 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

2-Log DNA Ladder
(NEB#N3200L),
125 ng/well



Erectrophoresis : 41 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
BamHI	:	11.1	kbp
EcoRI	:	9.2, 1.9	kbp
	:		kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	EGFP-N	Sequence - E	-
Sequence - B	EGFP-C	Sequence - F	-
Sequence - C	hKO_F	Sequence - G	-
Sequence - D	BGH_rev	Sequence - H	-

APPROVED BY : 確認 15.5.27 金藤

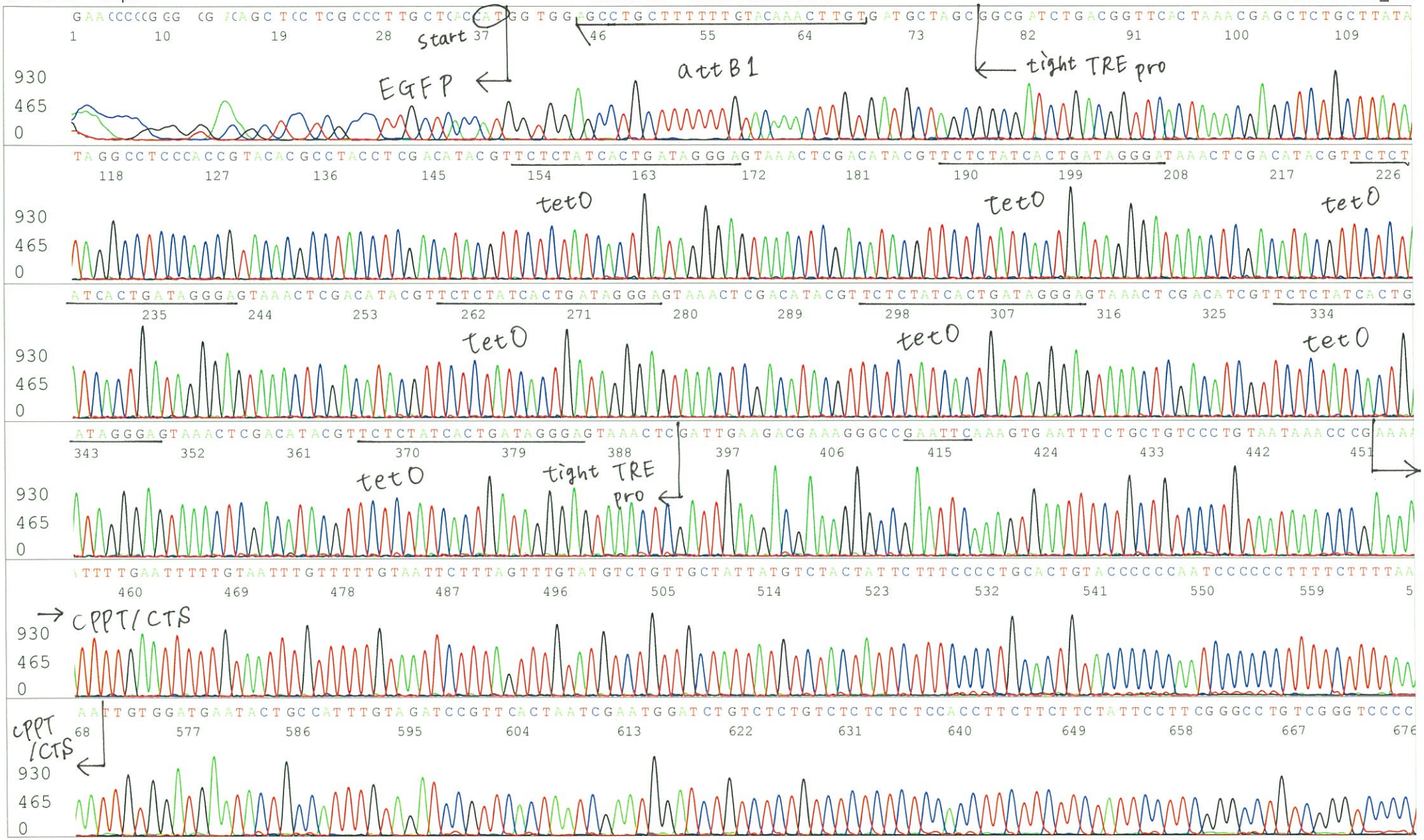
Applied Biosystems

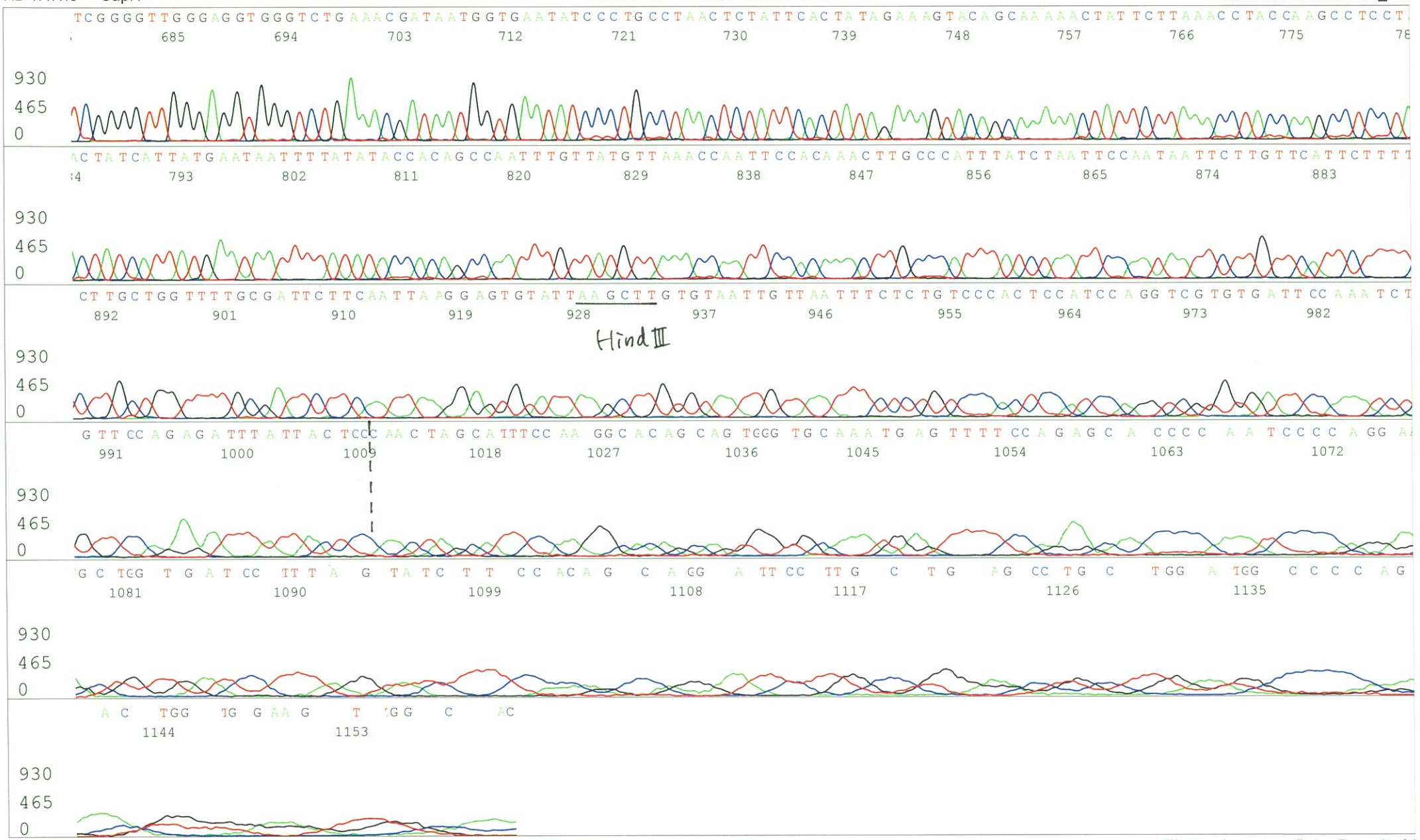
S/N G:110 A:112 T:100 C:87
KB.bcp
KB 1.4.1.8 Cap:1

primer name A : EGFP-N
5'-CGTCGCCGTCCAGCTCGACCAG-3'

12875_12875_A5Ek_EGFP-N_A04_01
12875_12875_A5Ek_EGFP-N
KB_3500_POP7_BDTv3.mob
Pts 1349 to 13391 Pk1 Loc:1326
Version 6.0 HiSQV Bases: 1020

Inst Model/Name 3500/3500 Instrument
May 27,2015 01:59PM, JST
May 27,2015 02:26PM, JST
Spacing:11.87 Pts/Panel1350
Plate Name: 20150527_mix




685 694 703 712 721 730 739 748 757 766 775
930 465 0
793 802 811 820 829 838 847 856 865 874 883
930 465 0
892 901 910 919 928 937 946 955 964 973 982
Hind III
930 465 0
991 1000 1009 1018 1027 1036 1045 1054 1063 1072
930 465 0
1081 1090 1099 1108 1117 1126 1135
930 465 0
1144 1153
930 465 0

Applied Biosystems

S/N G:587 A:524 T:444 C:396
KB.bcp
KB 1.4.1.8 Cap:4

primer name B : EGFP-C
5'-CATGGTCCTGCTGGAGTTCGTG-3'

12875_12875_A5Ek_EGFP-C_B04_04
12875_12875_A5Ek_EGFP-C
KB_3500_POP7_BDTv3.mob
Pts 1369 to 13875 Pk1 Loc:1346
Version 6.0 HiSQV Bases: 980

Inst Model/Name 3500/3500 Instrument
May 27,2015 01:59PM, JST
May 27,2015 02:26PM, JST
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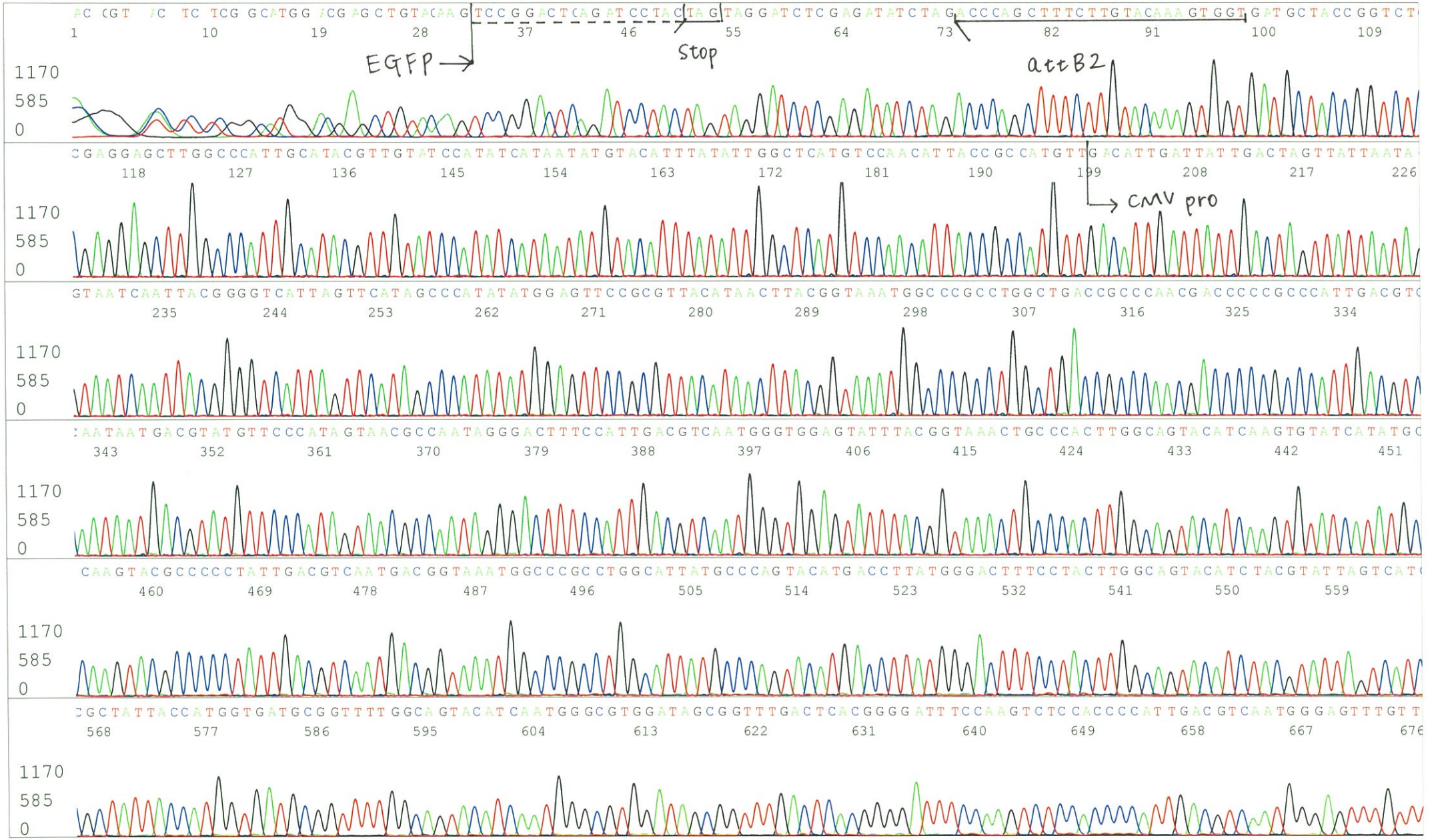
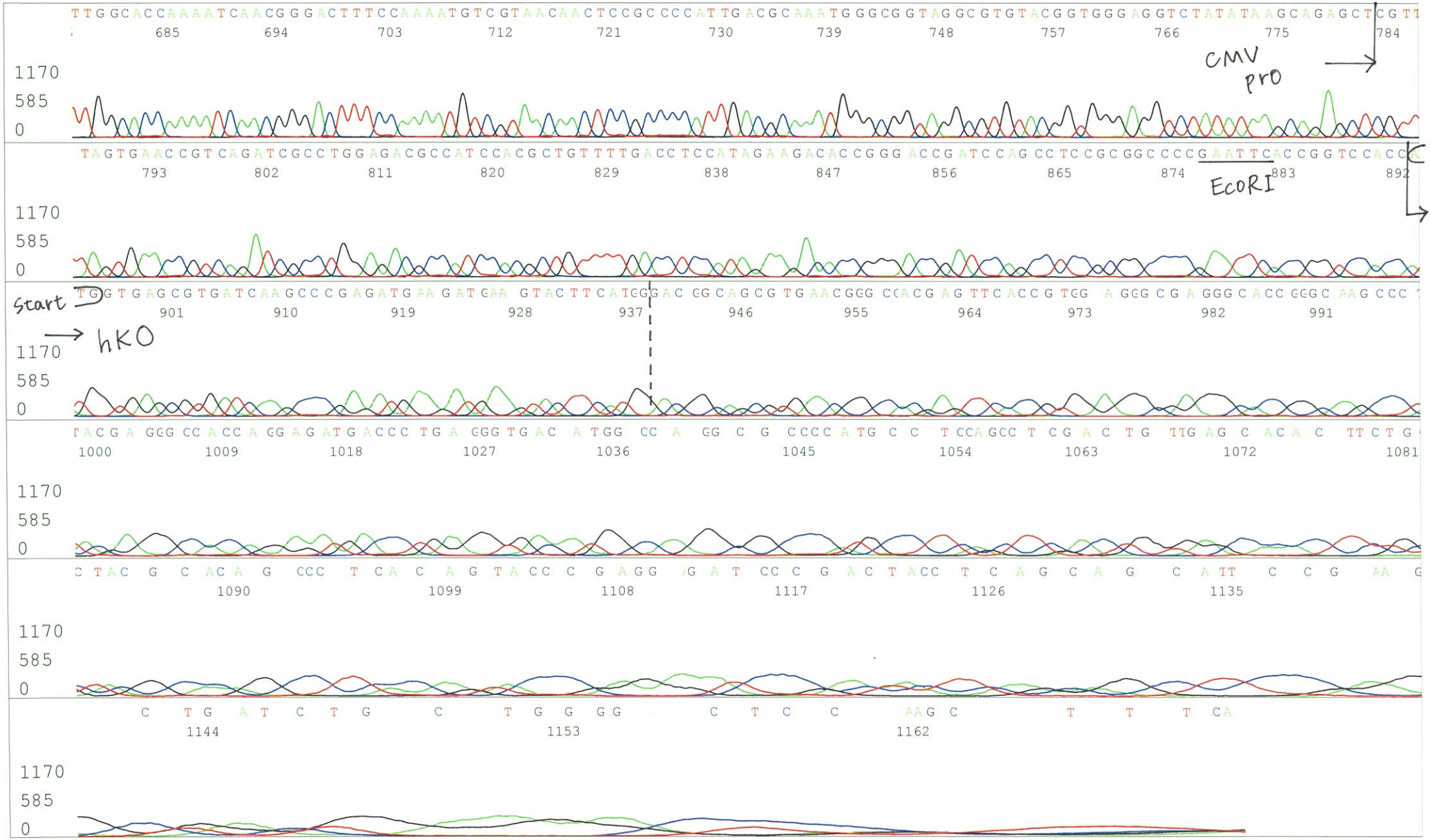
Plate Name: 20150527_mix




CMV pro
EcoRI
start
hKO

Applied Biosystems

S/N G:930 A:633 T:433 C:526
KB.bcp
KB 1.4.1.8 Cap:7

primer name C : hKO_F
5'-AAGAAGATCCTGAAGATGCC-3'

12875_12875_A5Ek_hKO_F_C04_07
12875_12875_A5Ek_hKO_F
KB_3500_POP7_BDTv3.mob
Pts 1347 to 13787 Pk1 Loc:1324
Version 6.0 HiSQV Bases: 1008

Inst Model/Name 3500/3500 Instrument
May 27,2015 01:59PM, JST
May 27,2015 02:26PM, JST
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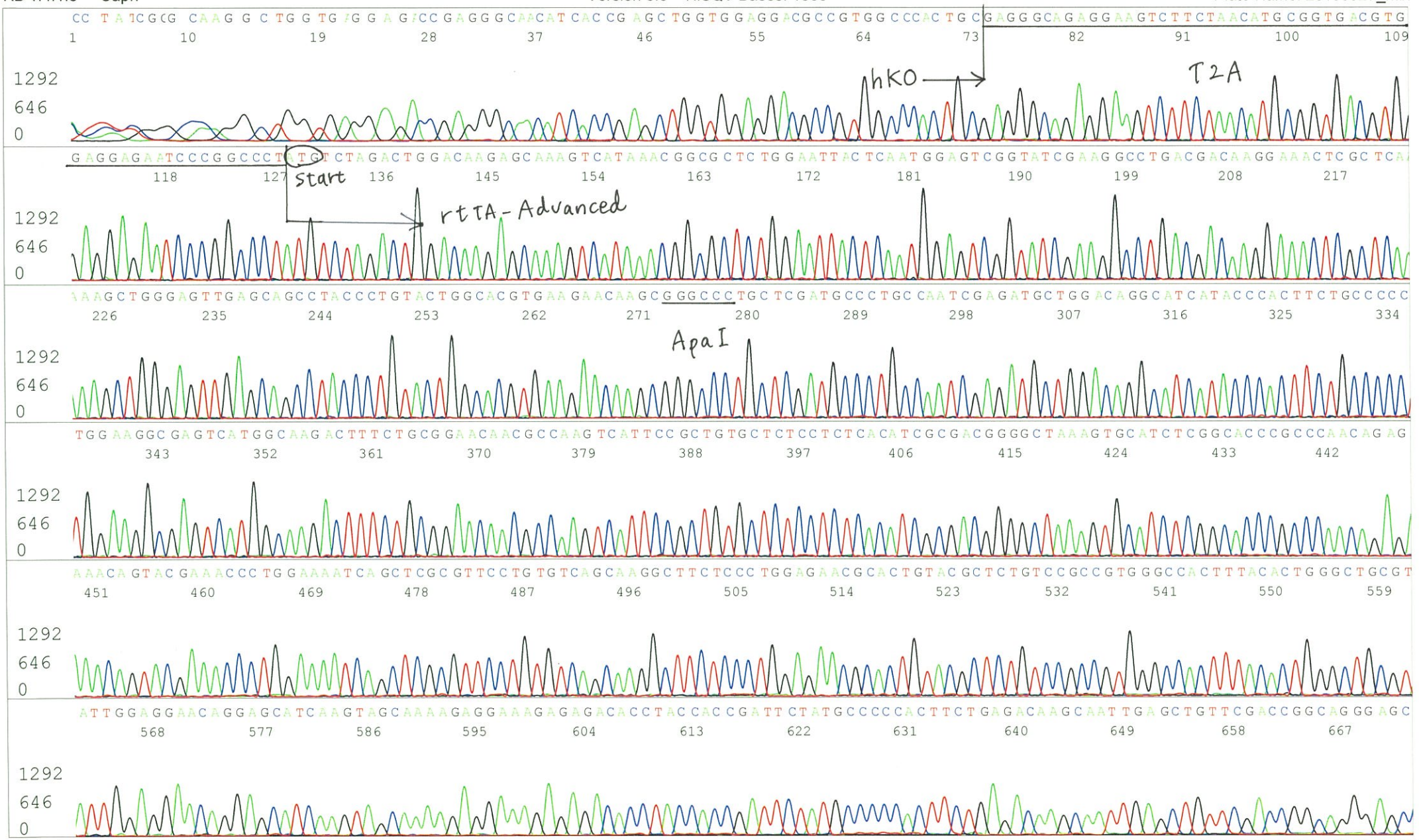
Plate Name: 20150527_mix



Applied Biosystems

S/N G:930 A:633 T:433 C:526
KB.bcp
KB 1.4.1.8 Cap:7

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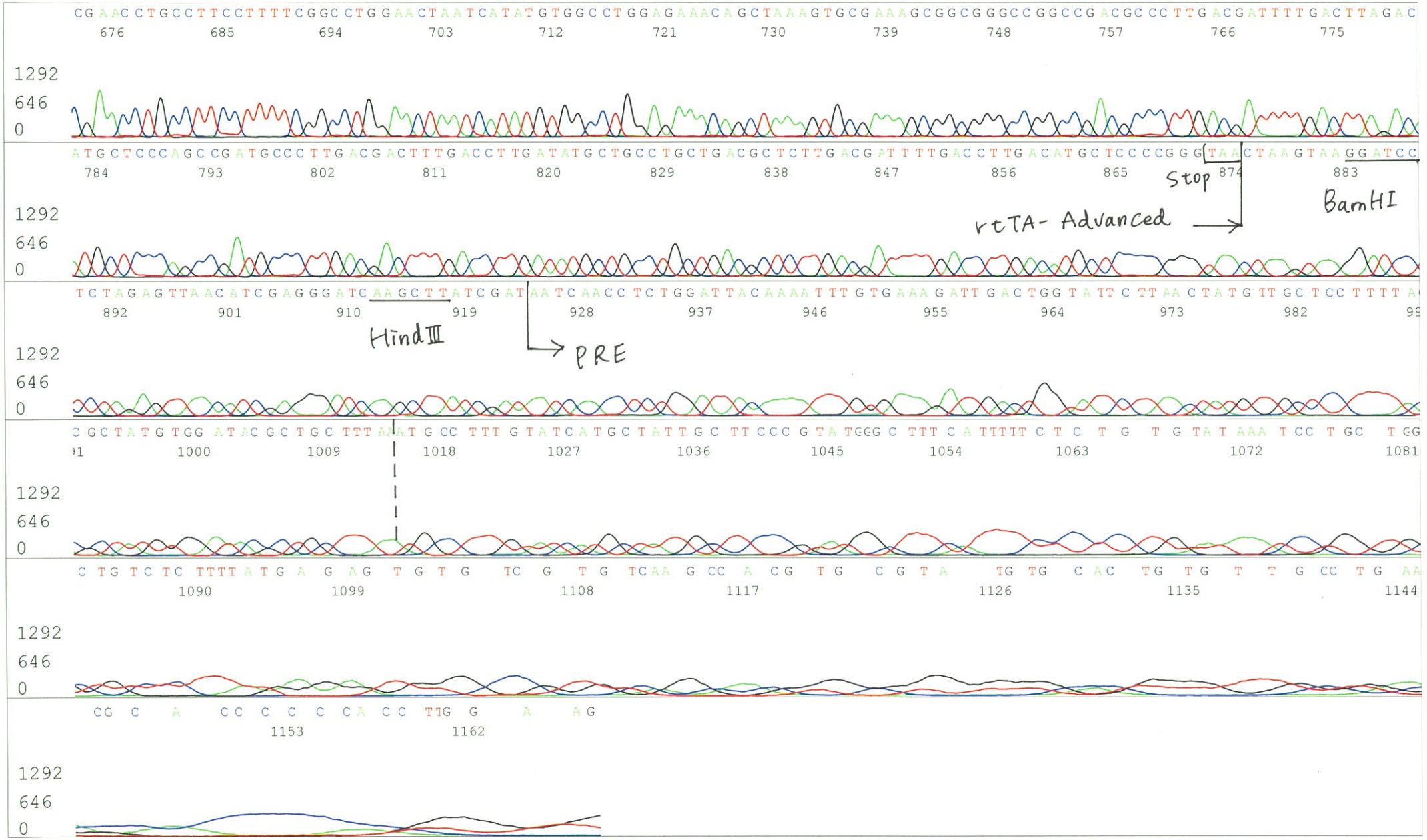
12875_12875_A5Ek_hKO_F
KB_3500_POP7_BDTv3.mob
Pts 1347 to 13787 Pk1 Loc:1324
Version 6.0 HiSQV Bases: 1008

Inst Model/Name 3500/3500 Instrument
May 27,2015 01:59PM, JST
May 27,2015 02:26PM, JST
Spacing:12.17 Pts/Panel1350
Plate Name: 20150527_mix



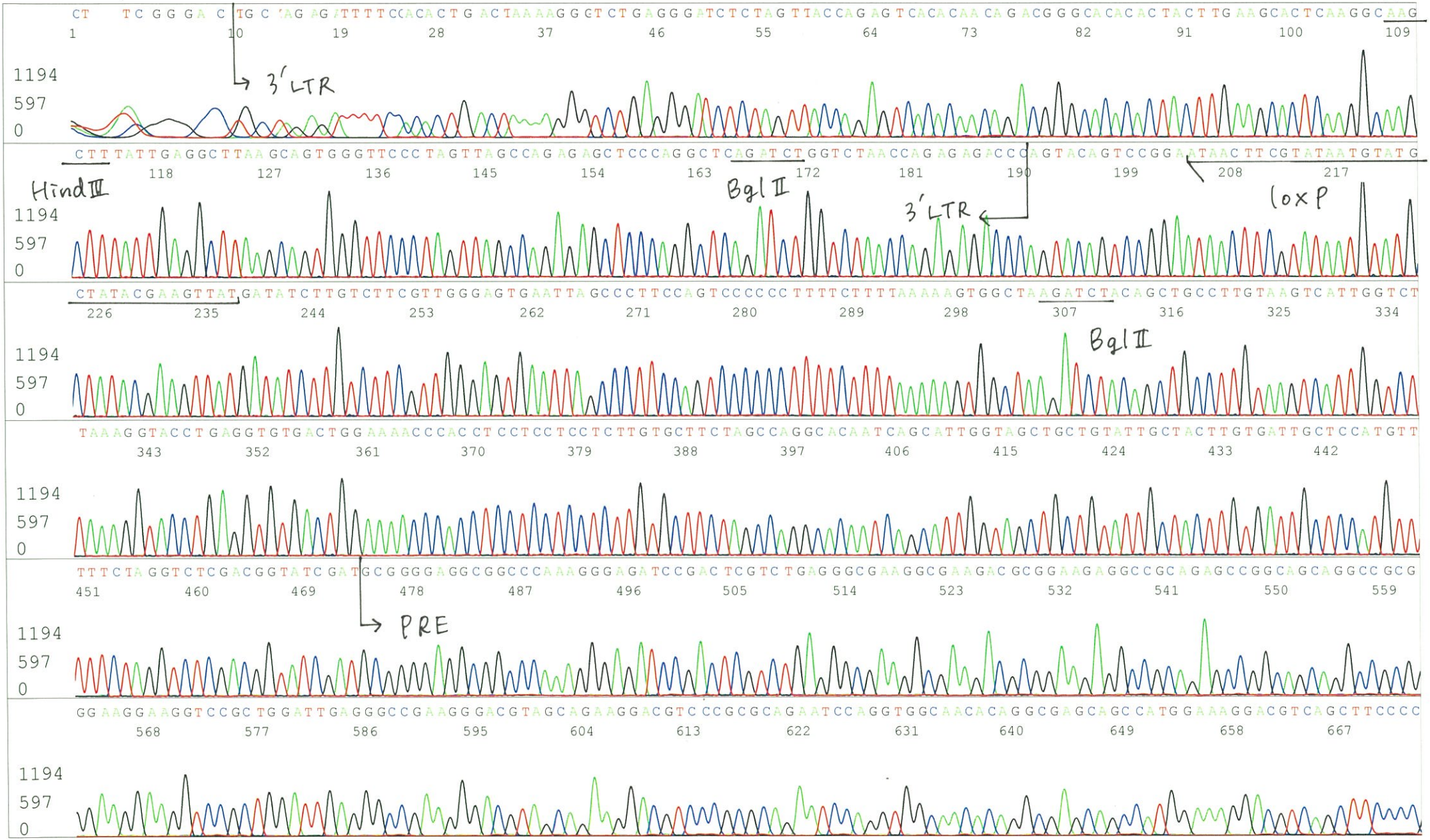
Applied Biosystems

S/N G:974 A:713 T:453 C:572
KB.bcp
KB 1.4.1.8 Cap:10

primer name D : BGH_rev
5'-TAGAAGGCACAGTCGAGG-3'

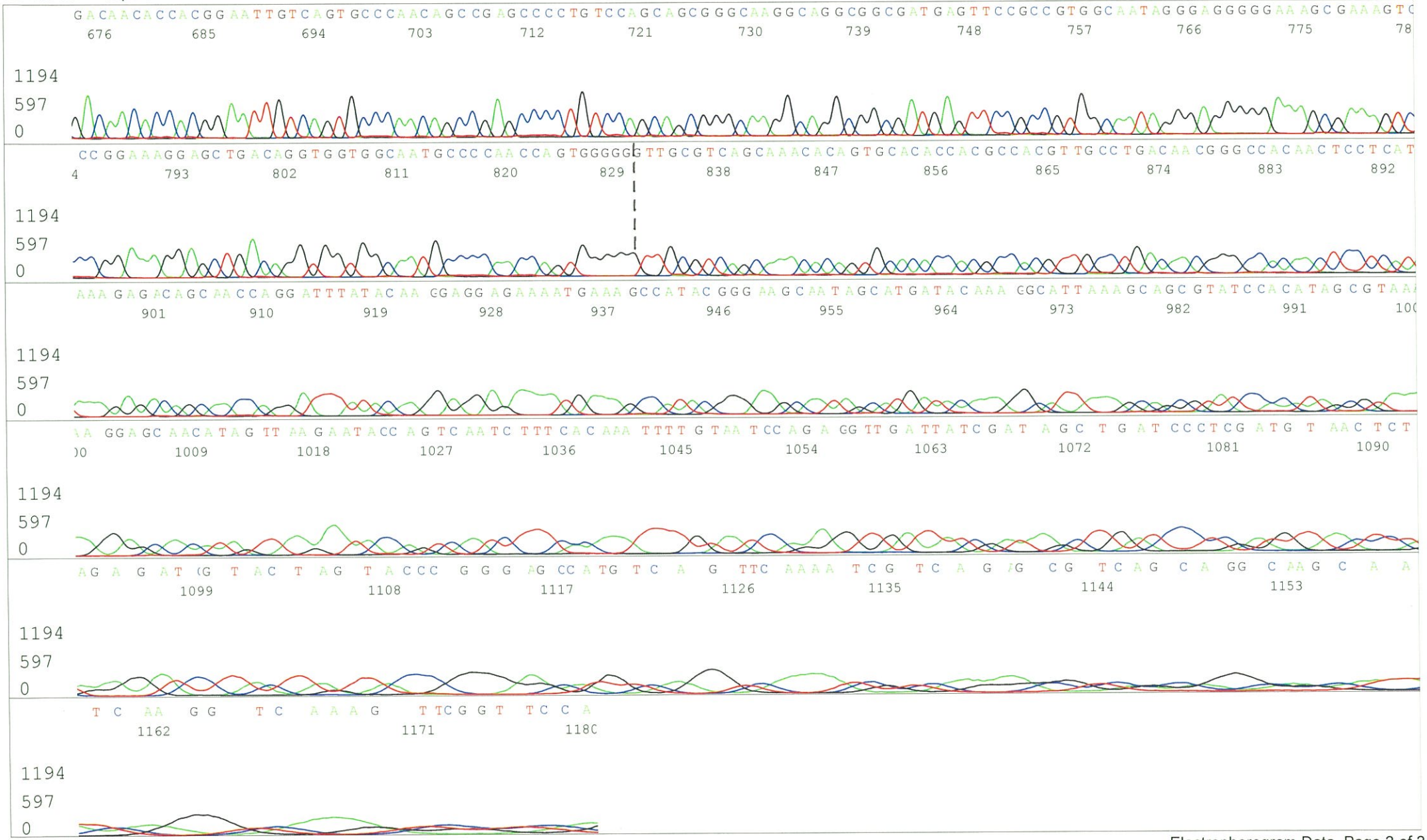
12875_12875_A5Ek_BGH_rev_D04_10
12875_12875_A5Ek_BGH_rev
KB_3500_POP7_BDTv3.mob
Pts 1354 to 13801 Pk1 Loc:1331
Version 6.0 HiSQV Bases: 1009

Inst Model/Name 3500/3500 Instrument
May 27,2015 01:59PM, JST
May 27,2015 02:26PM, JST
Spacing:12.25 Pts/Panel1350
Plate Name: 20150527_mix



Applied Biosystems

S/N G:974 A:713 T:453 C:572
KB.bcp
KB 1.4.1.8 Cap:10

12875_12875_A5Ek_BGH_rev_D04_10
12875_12875_A5Ek_BGH_rev
KB_3500_POP7_BDTv3.mob
Pts 1354 to 13801 Pk1 Loc:1331
Version 6.0 HiSQV Bases: 1009

Inst Model/Name 3500/3500 Instrument
May 27,2015 01:59PM, JST
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Spacing:12.25 Pts/Panel1350
Plate Name: 20150527_mix