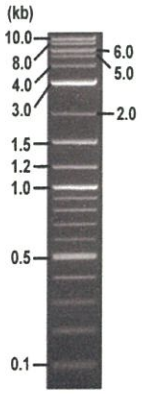
Gene Engineering Division
RIKEN BioResource Center

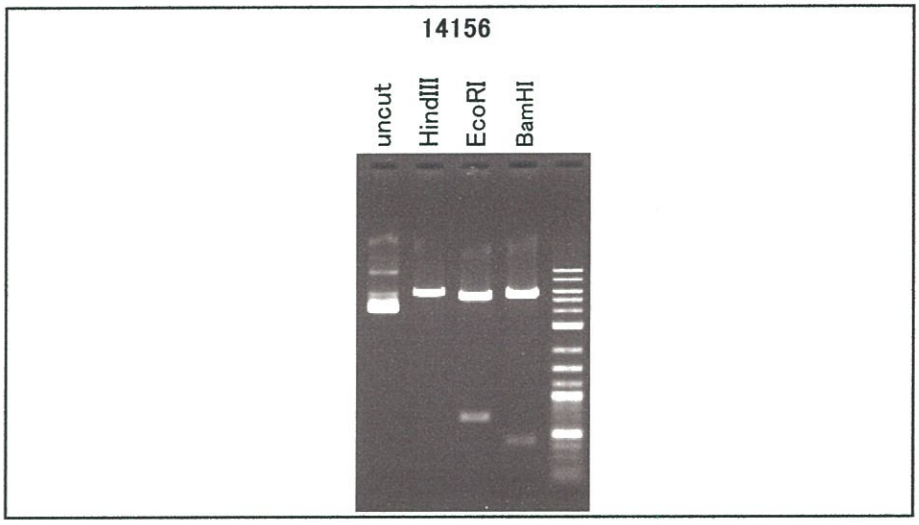
# RIKEN DNA BANK

clone name : pCMV-GFP-ERK2

- Clone ID : RDB _ 14156
- Lot : 14156 _ A6Ec
- 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

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




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

| Restriction enzyme | | Expected size of fragment | |
|---|---|---|---|
| HindIII | : | 5.9 | kbp |
| EcoRI | : | 5.3, 0.7 | kbp |
| BamHI | : | 5.5, 0.4 | kbp |
| | : | | kbp |
| | : | | kbp |

- Confirmation of the insertion sequence

| Sequence name | Primer name | Sequence name | Primer name |
|---|---|---|---|
| Sequence - A | CMV-Forward | Sequence - E | - |
| Sequence - B | EGFP-C | Sequence - F | - |
| Sequence - C | ME_1290Rv | Sequence - G | - |
| Sequence - D | SV40pro_F_V2 | Sequence - H | - |

APPROVED BY :

確認
16.10.06
金藤

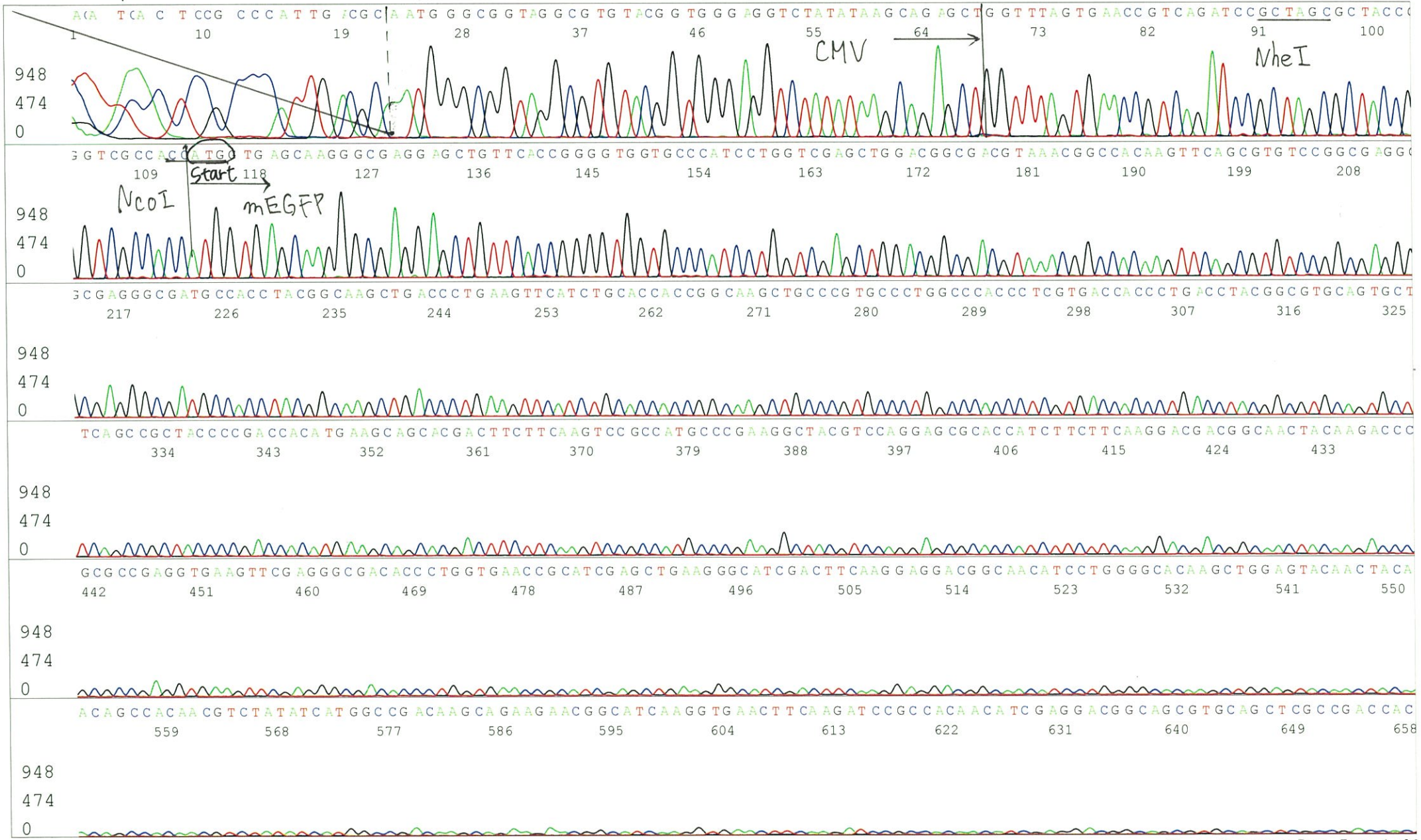
Applied Biosystems

S/N G:111 A:86 T:77 C:137
KB.bcp
KB 1.4.1.8 Cap:8

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

D03441A3_A6Ec_2_CMV_Forward_C05_08
D03441A3_A6Ec_2_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1616 to 12169 Pk1 Loc:1593
Version 6.0 HiSQV Bases: 920

Inst Model/Name 3500/3500 Instrument
May 20,2016 02:14PM, JST
May 20,2016 02:40PM, JST
Spacing:10.64 Pts/Panel1350
Plate Name: 20160520_kitaku



Applied Biosystems

S/N G:111 A:86 T:77 C:137
KB.bcp
KB 1.4.1.8 Cap:8

D03441A3_A6Ec_2_CMV_Forward_C05_08
D03441A3_A6Ec_2_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1616 to 12169 Pk1 Loc:1593
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Spacing:10.64 Pts/Panel1350
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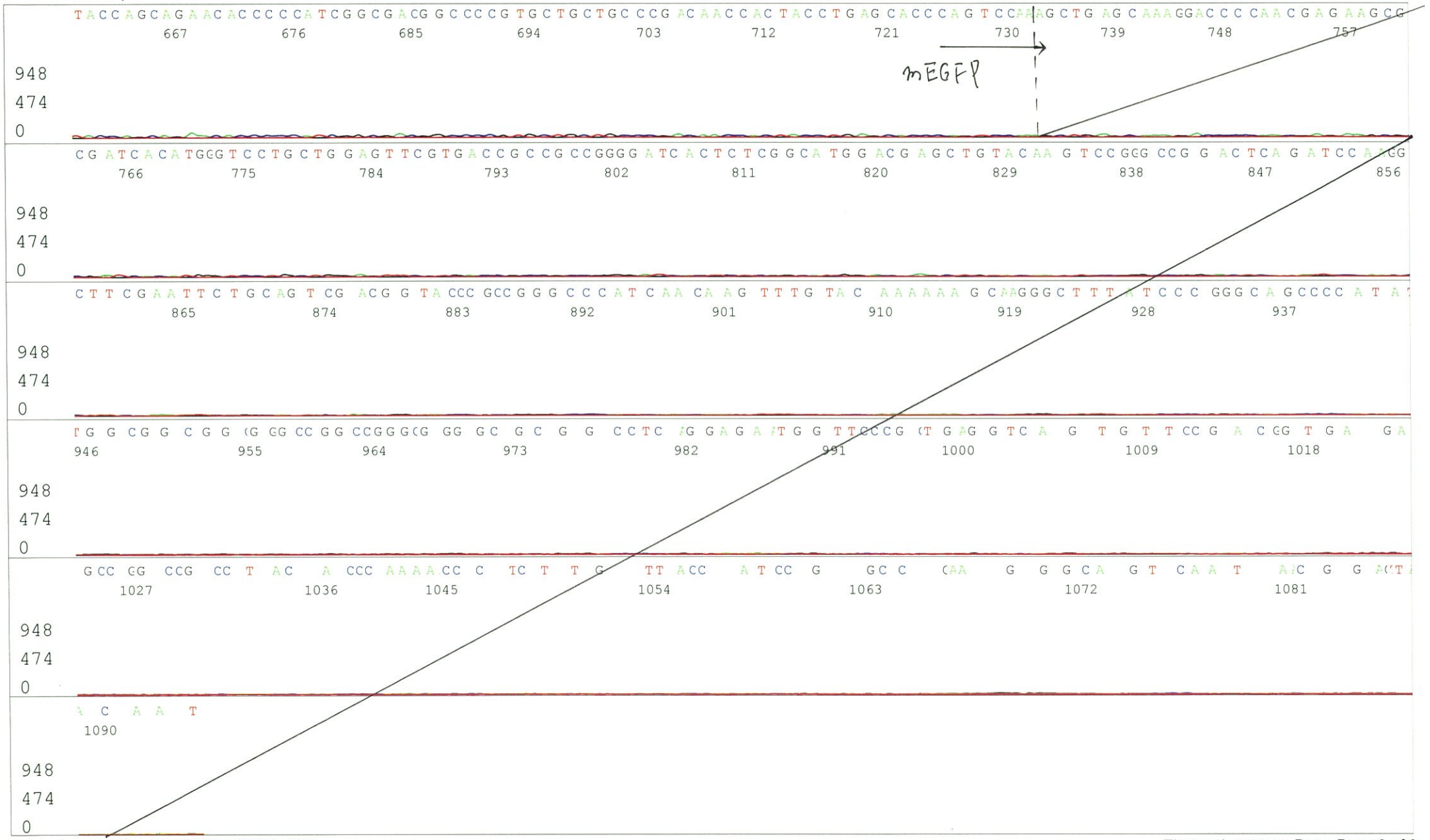


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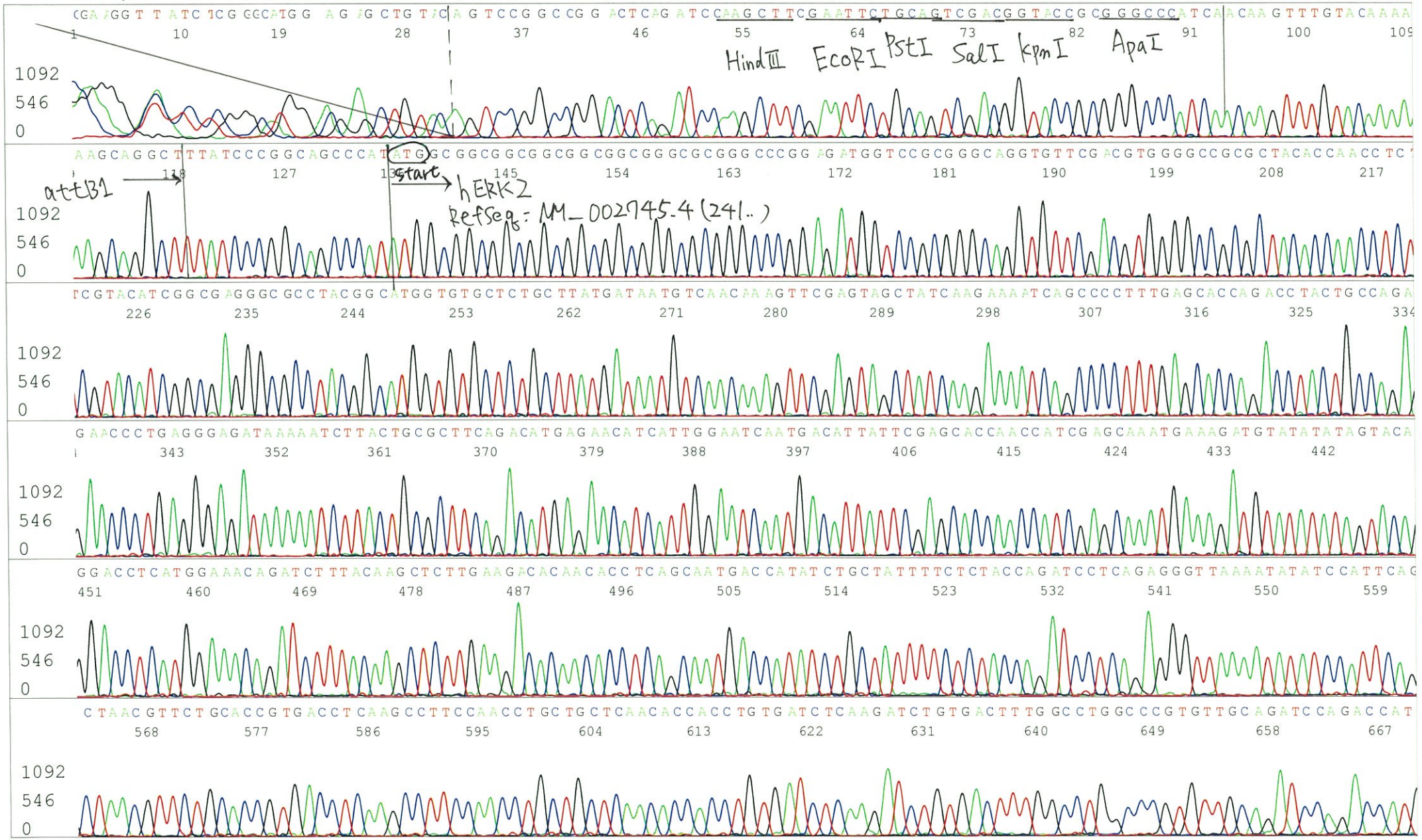
Applied Biosystems

D03441A3_A6Ec_2_EGFP_C_D05_11
D03441A3_A6Ec_2_EGFP_C
KB_3500_POP7_BDTv3.mob
Pts 1633 to 12290 Pk1 Loc:1610
Version 6.0 HiSQV Bases: 939

Inst Model/Name 3500/3500 Instrument
May 20,2016 02:14PM, JST
May 20,2016 02:40PM, JST
Spacing:10.64 Pts/Panel1350
Plate Name: 20160520_kitaku

S/N G:52 A:62 T:64 C:84
KB.bcp
KB 1.4.1.8 Cap:11

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

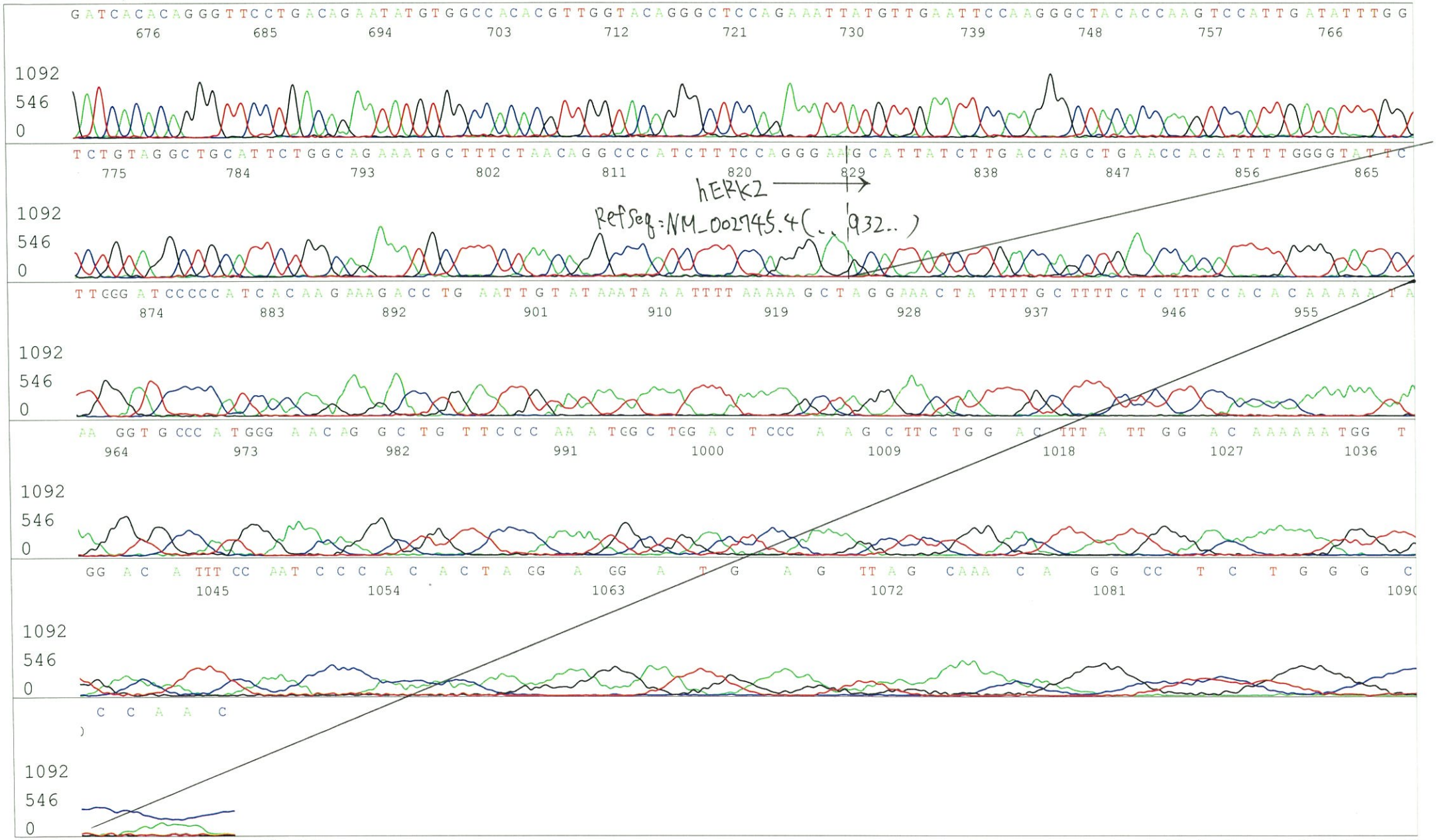


Applied Biosystems

S/N G:52 A:62 T:64 C:84
KB.bcp
KB 1.4.1.8 Cap:11

D03441A3_A6Ec_2_EGFP_C_D05_11
D03441A3_A6Ec_2_EGFP_C
KB_3500_POP7_BDTv3.mob
Pts 1633 to 12290 Pk1 Loc:1610
Version 6.0 HiSQV Bases: 939

Inst Model/Name 3500/3500 Instrument
May 20,2016 02:14PM, JST
May 20,2016 02:40PM, JST
Spacing:10.64 Pts/Panel1350
Plate Name: 20160520_kitaku



Applied Biosystems

S/N G:37 A:42 T:48 C:46
KB.bcp
KB 1.4.1.8 Cap:14

primer name C : ME-1290Rv
5'-ATAAGCTGCAATAAACAAGTTAACAAC-3'

D03441A3_A6Ec_2_ME_1290RV_E05_14
D03441A3_A6Ec_2_ME_1290RV
KB_3500_POP7_BDTv3.mob
Pts 1595 to 12261 Pk1 Loc:1572
Version 6.0 HiSQV Bases: 911

Inst Model/Name 3500/3500 Instrument
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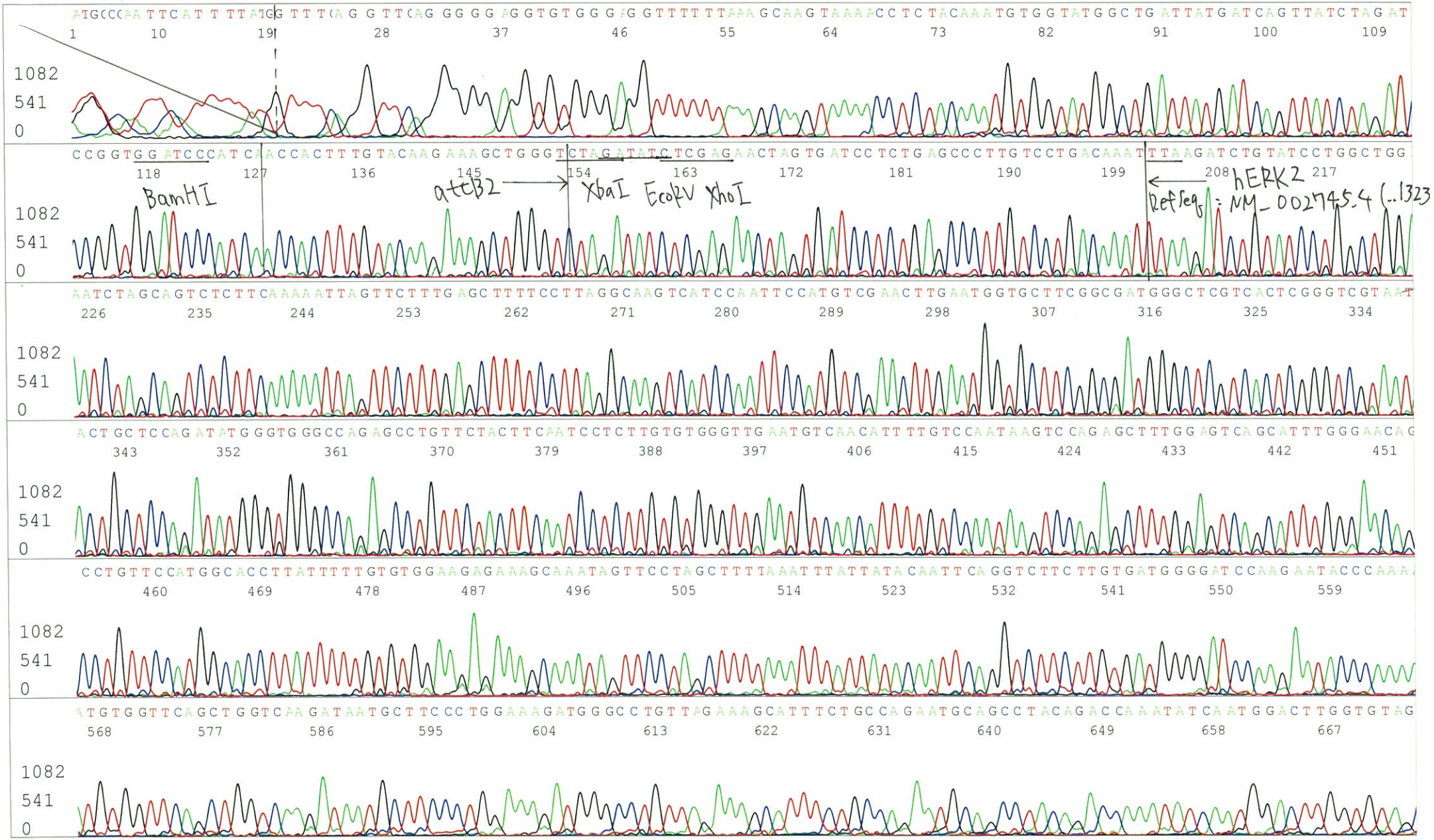
May 20,2016 02:40PM, JST
Spacing:10.76 Pts/Panel1350
Plate Name: 20160520_kitaku

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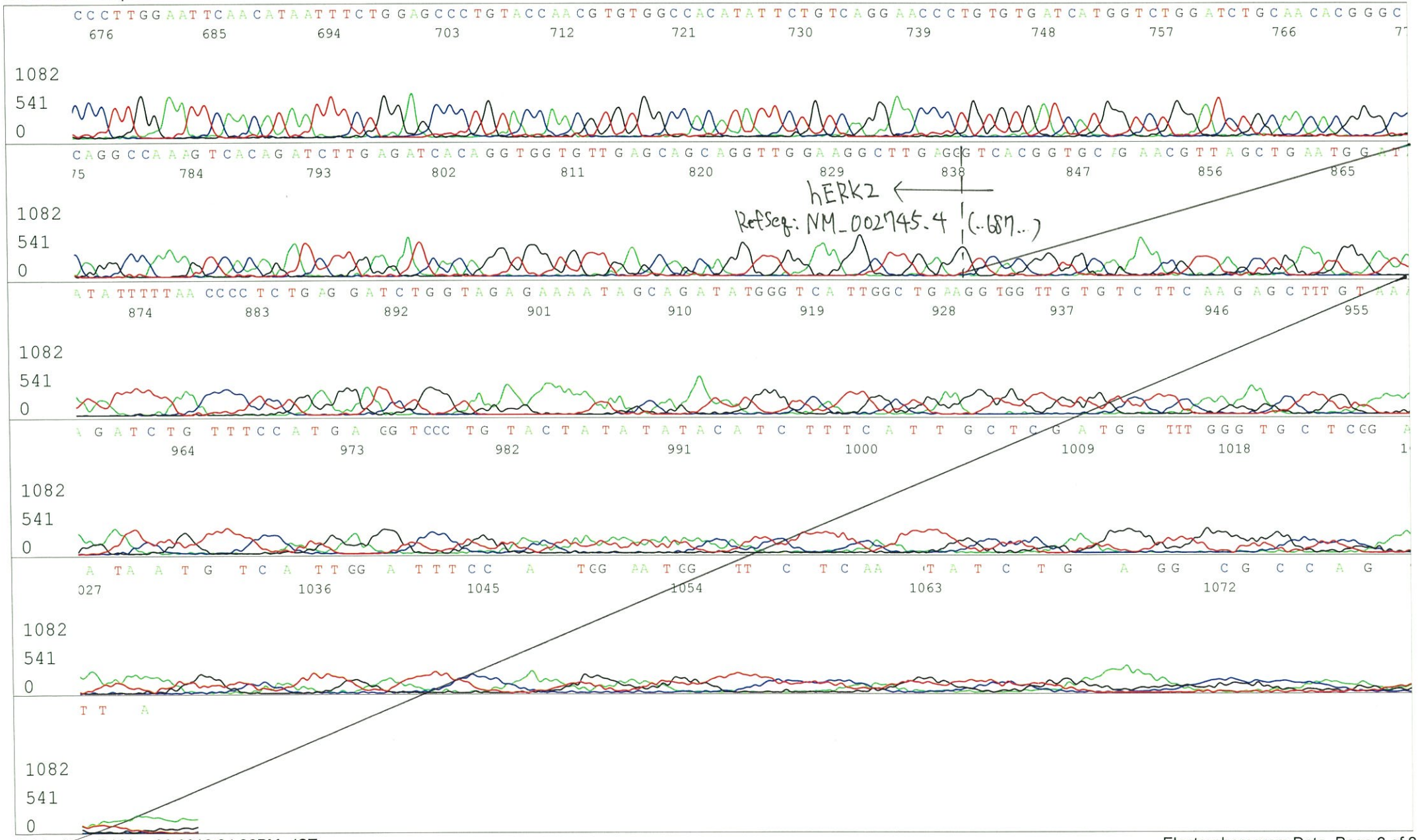
Applied Biosystems

S/N G:37 A:42 T:48 C:46
KB.bcp
KB 1.4.1.8 Cap:14

D03441A3_A6Ec_2_ME_1290RV_E05_14
D03441A3_A6Ec_2_ME_1290RV
KB_3500_POP7_BDTv3.mob
Pts 1595 to 12261 Pk1 Loc:1572
Version 6.0 HiSQV Bases: 911

Inst Model/Name 3500/3500 Instrument
May 20,2016 02:14PM, JST
May 20,2016 02:40PM, JST
Spacing:10.76 Pts/Panel1350
Plate Name: 20160520_kitaku



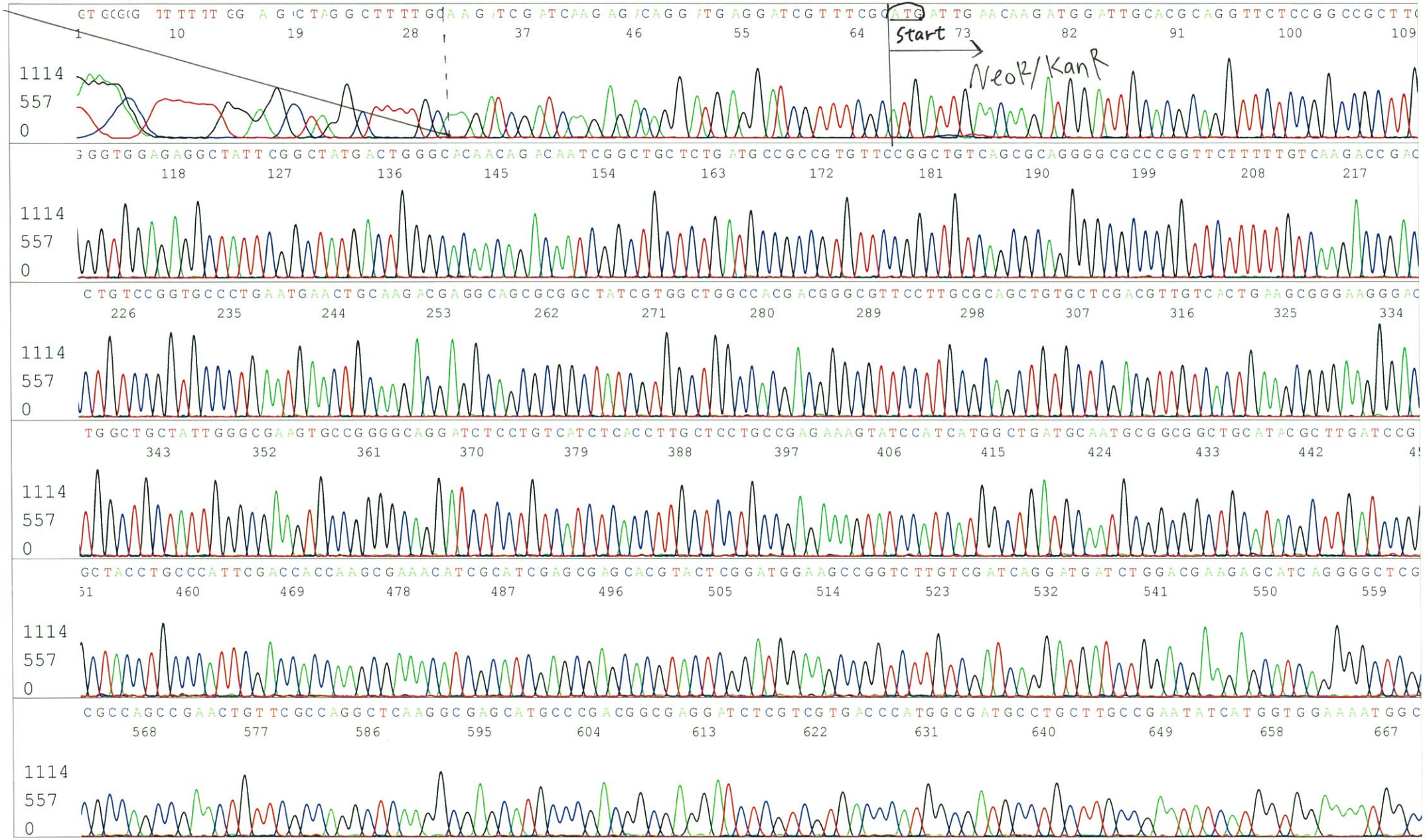
Applied Biosystems

S/N G:93 A:77 T:77 C:106
KB.bcp
KB 1.4.1.8 Cap:17

primer name D : SV40pro_F_V2
5'- TCGGCCTCTGAGCTATTC -3'

D03441A3_A6Ec_2_SV40pro_F_V2_F05_17
D03441A3_A6Ec_2_SV40pro_F_V2
KB_3500_POP7_BDTv3.mob
Pts 1623 to 12203 Pk1 Loc:1600
Version 6.0 HiSQV Bases: 924

Inst Model/Name 3500/3500 Instrument
May 20,2016 02:14PM, JST
May 20,2016 02:40PM, JST
Spacing:10.66 Pts/Panel1350
Plate Name: 20160520_kitaku

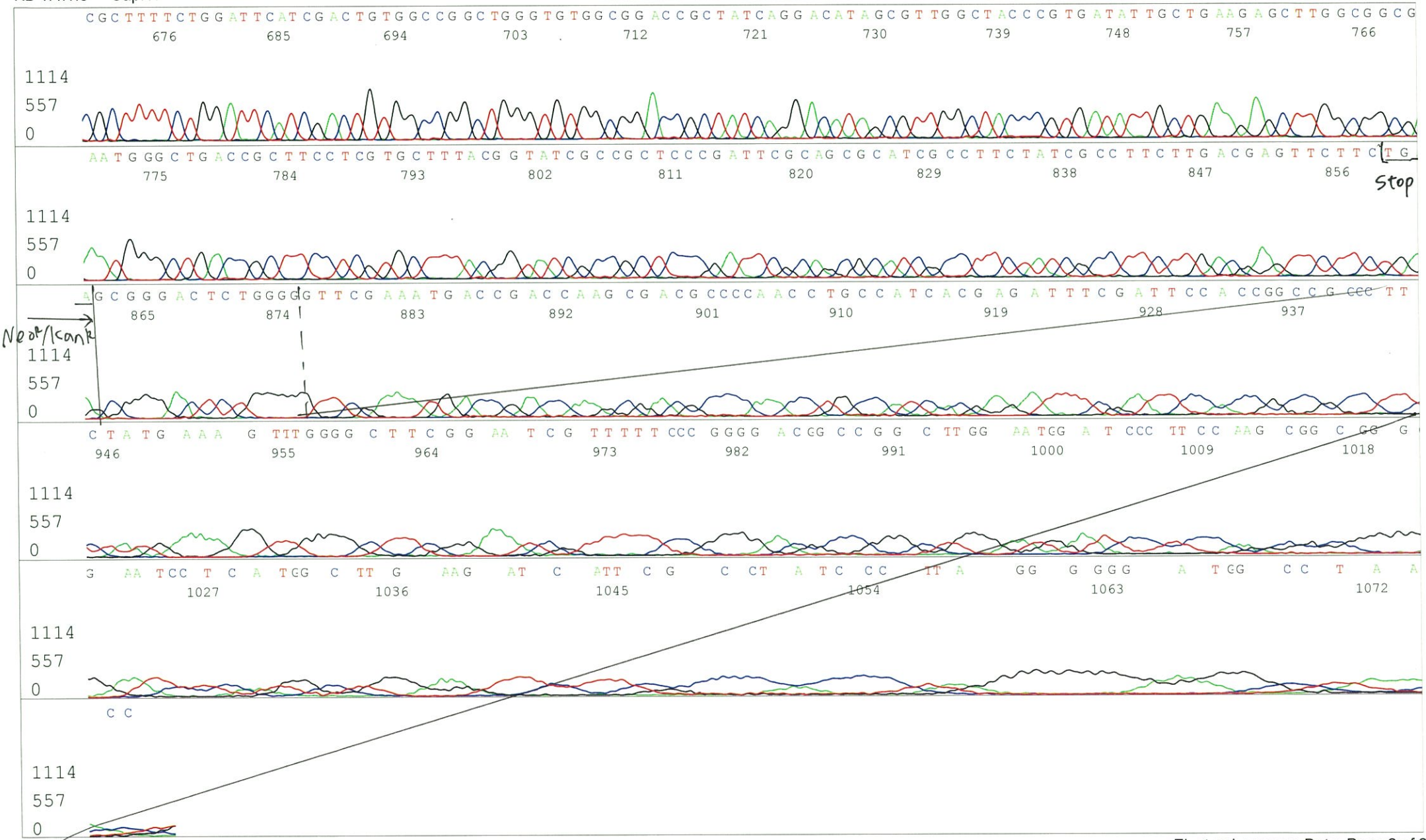


Applied Biosystems

S/N G:93 A:77 T:77 C:106
KB.bcp
KB 1.4.1.8 Cap:17

D03441A3_A6Ec_2_SV40pro_F_V2_F05_17
D03441A3_A6Ec_2_SV40pro_F_V2
KB_3500_POP7_BDTv3.mob
Pts 1623 to 12203 Pk1 Loc:1600
Version 6.0 HiSQV Bases: 924

Inst Model/Name 3500/3500 Instrument
May 20,2016 02:14PM, JST
May 20,2016 02:40PM, JST
Spacing:10.66 Pts/Panel1350
Plate Name: 20160520_kitaku

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