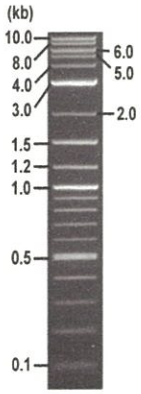
Gene Engineering Division
RIKEN BioResource Center

RIKEN DNA BANK

clone name : pKM2L-phGCG

- Clone ID : RDB _ 05490
- Lot : 05490 _ A6A7
- 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 : 101 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
BglII	:	5.9	kbp
PstI	:	4.1, 1.8	kbp
	:		kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	M13_-40	Sequence - E	-
Sequence - B	phRLR2	Sequence - F	-
Sequence - C	pAxCALNL_F1	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :

確認
16.1.18
金藤

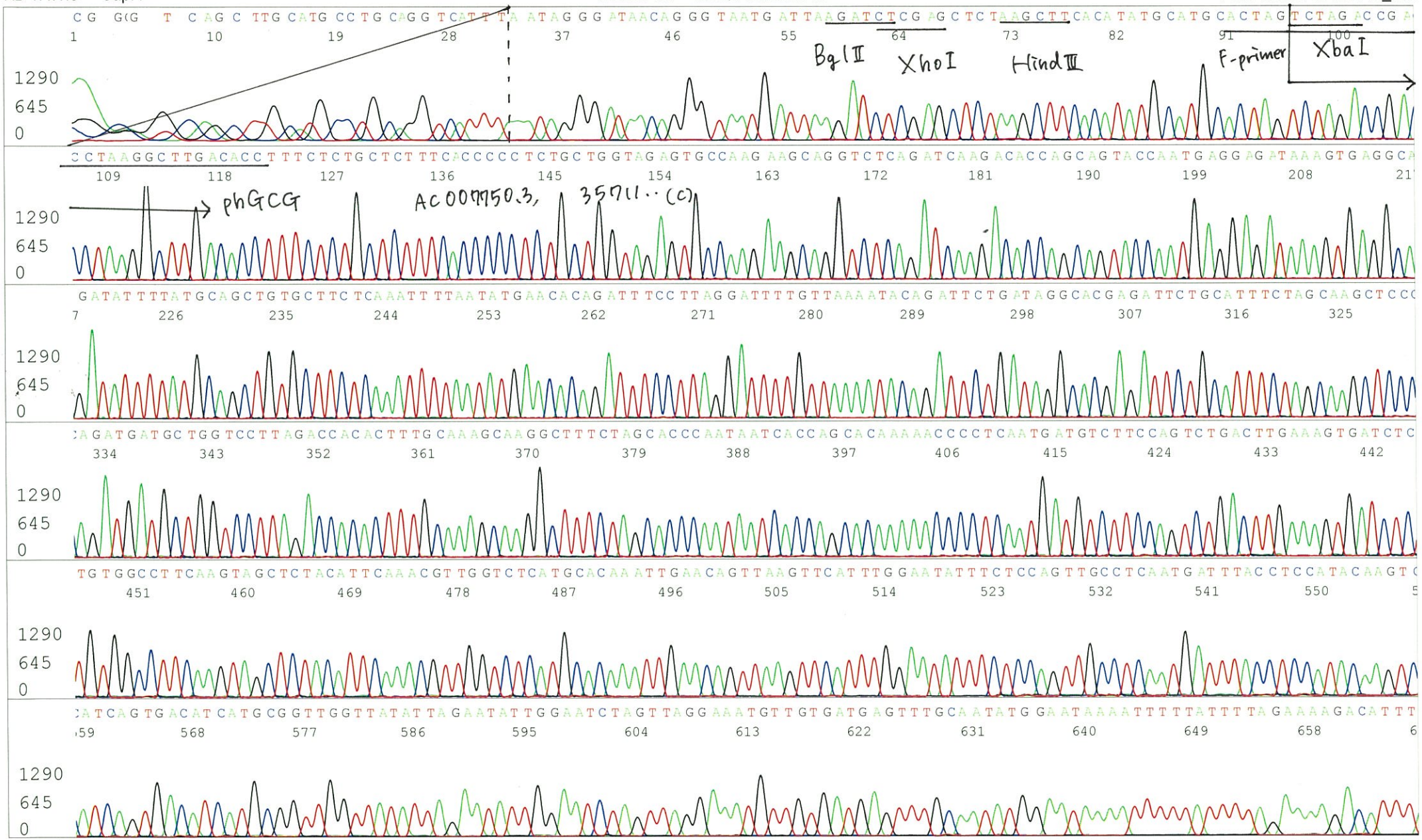
Applied Biosystems

S/N G:384 A:539 T:597 C:627
KB.bcp
KB 1.4.1.8 Cap:4

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

05490_05490_A6A7_2_M13(-40)_B10_04
05490_05490_A6A7_2_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1612 to 12484 Pk1 Loc:1589
Version 6.0 HiSQV Bases: 949

Inst Model/Name 3500/3500 Instrument
Jan 13,2016 02:28PM, JST
Jan 13,2016 02:54PM, JST
Spacing:10.87 Pts/Panel1350
Plate Name: 20160113_mix



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05490_05490_A6A7_2_M13(-40)_B10_04
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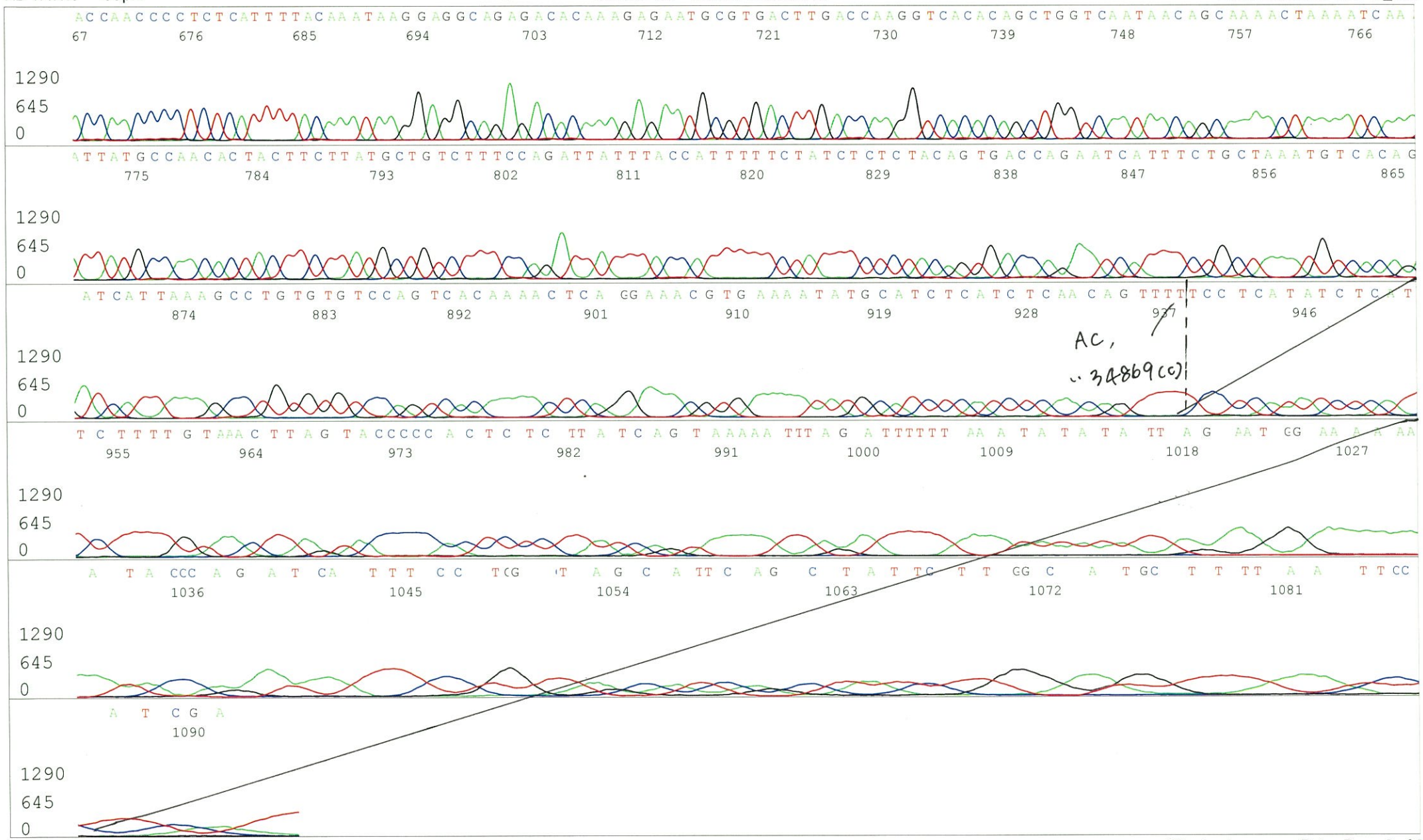


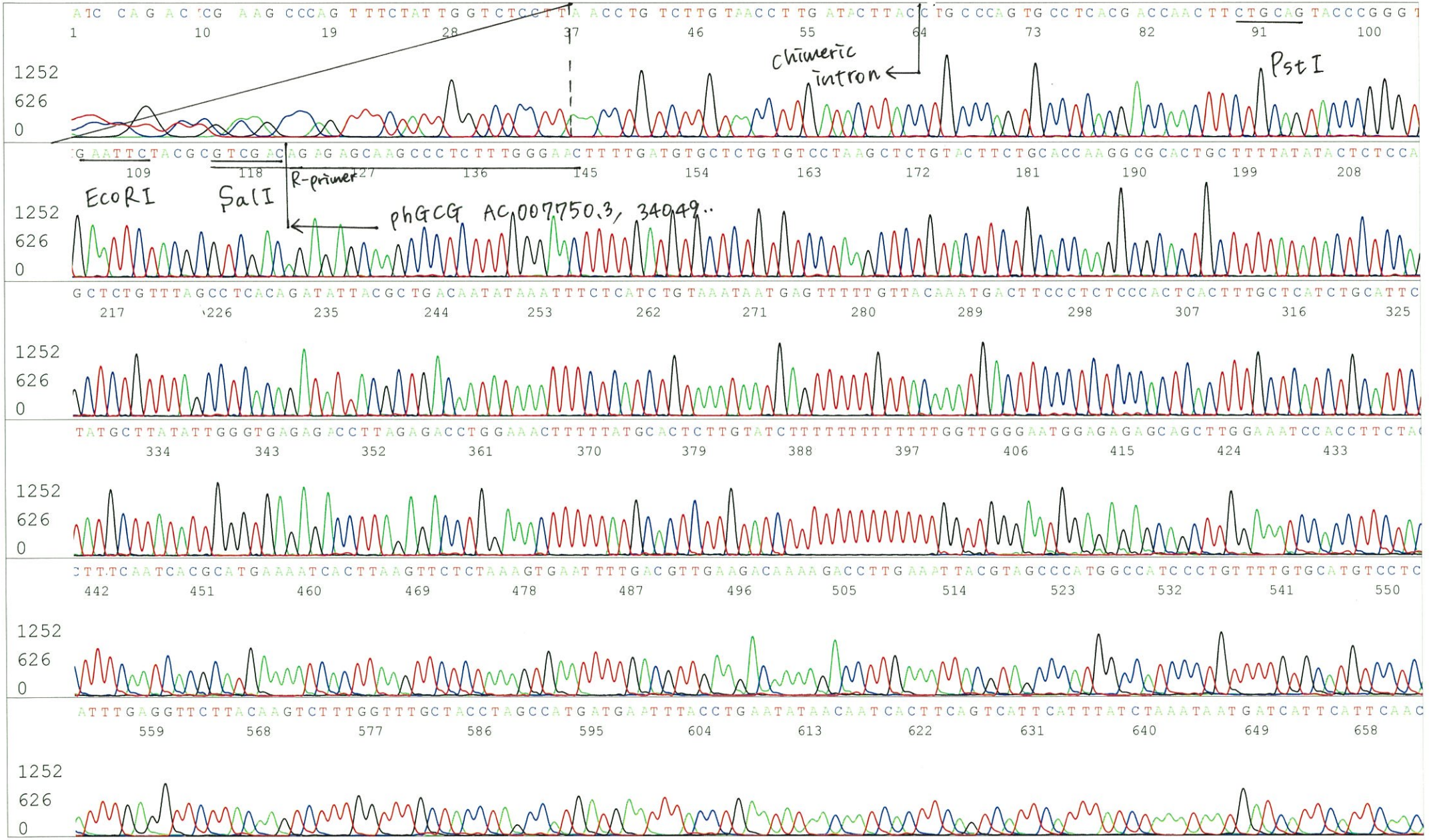
Applied Biosystems

S/N G:762 A:919 T:1397 C:1070
KB.bcp
KB 1.4.1.8 Cap:13

primer name B : phRLR2
5'-CCAATAGGTGCCTATCAGAAACGC-3'

05490_05490_A6A7_2_phRLR2_E10_13
05490_05490_A6A7_2_phRLR2
KB_3500_POP7_BDTv3.mob
Pts 1606 to 12619 Pk1 Loc:1583
Version 6.0 HiSQV Bases: 922

Inst Model/Name 3500/3500 Instrument
Jan 13,2016 02:28PM, JST
Jan 13,2016 02:54PM, JST
Spacing:10.94 Pts/Panel1350
Plate Name: 20160113_mix



Applied Biosystems

S/N G:762 A:919 T:1397 C:1070
KB.bcp
KB 1.4.1.8 Cap:13

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05490_05490_A6A7_2_phRLR2
KB_3500_POP7_BDTv3.mob
Pts 1606 to 12619 Pk1 Loc:1583
Version 6.0 HiSQV Bases: 922

Inst Model/Name 3500/3500 Instrument
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Jan 13,2016 02:54PM, JST
Spacing:10.94 Pts/Panel1350
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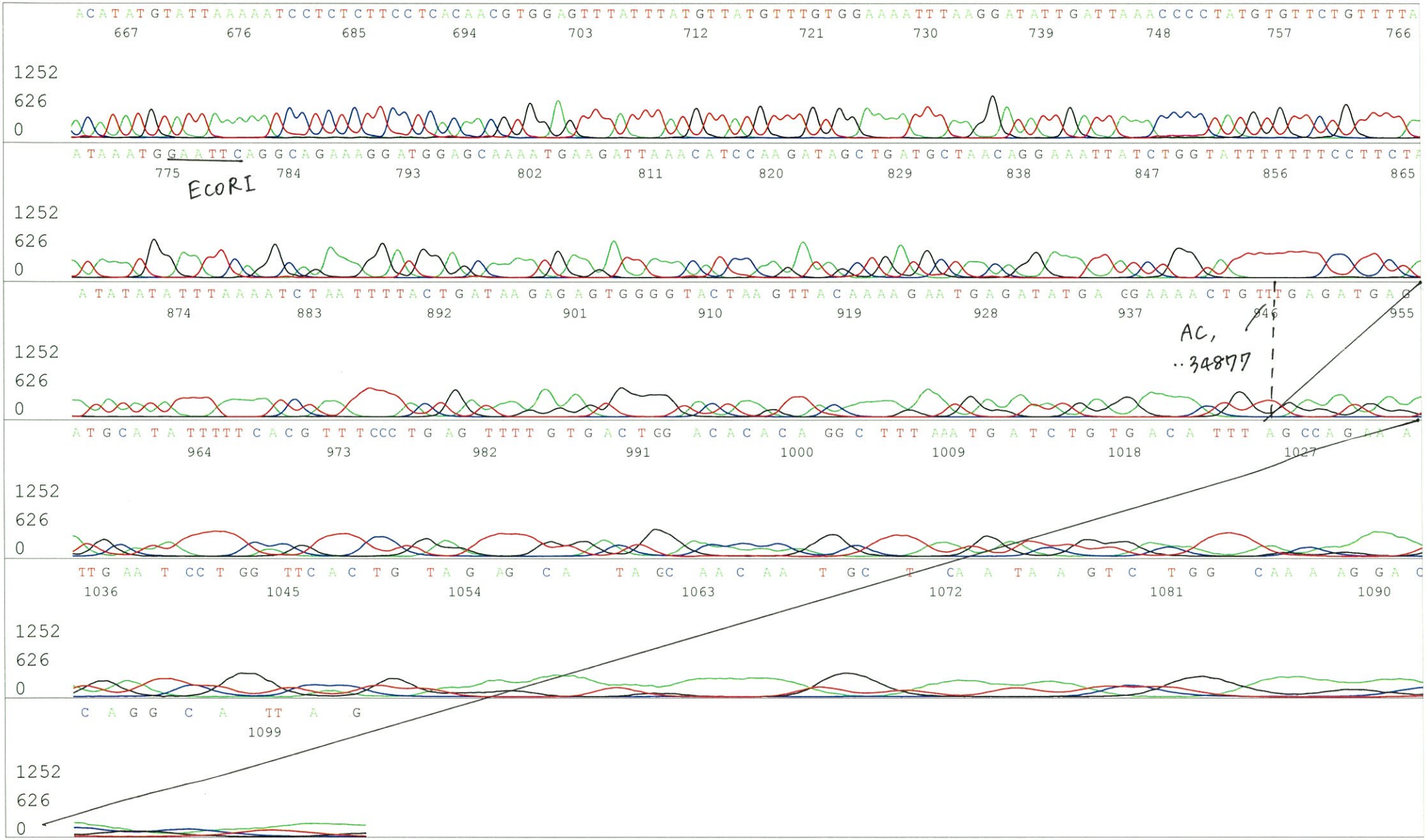

Applied Biosystems

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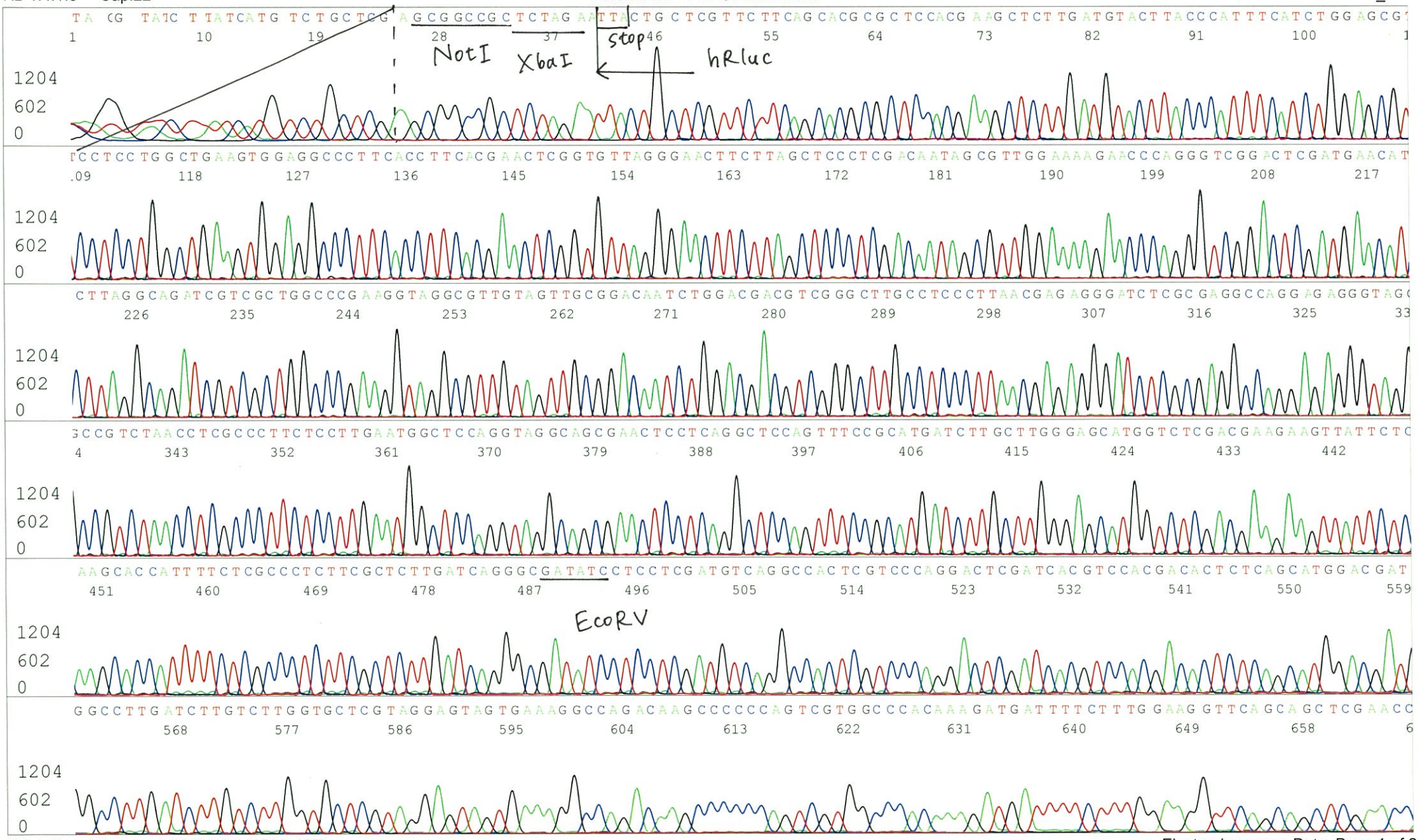
KB_3500_POP7_BDTv3.mob
Pts 1636 to 12383 Pk1 Loc:1613
Version 6.0 HiSQV Bases: 907

Inst Model/Name 3500/3500 Instrument
Jan 13,2016 02:28PM, JST
Jan 13,2016 02:54PM, JST
Spacing:10.92 Pts/Panel1350
Plate Name: 20160113_mix

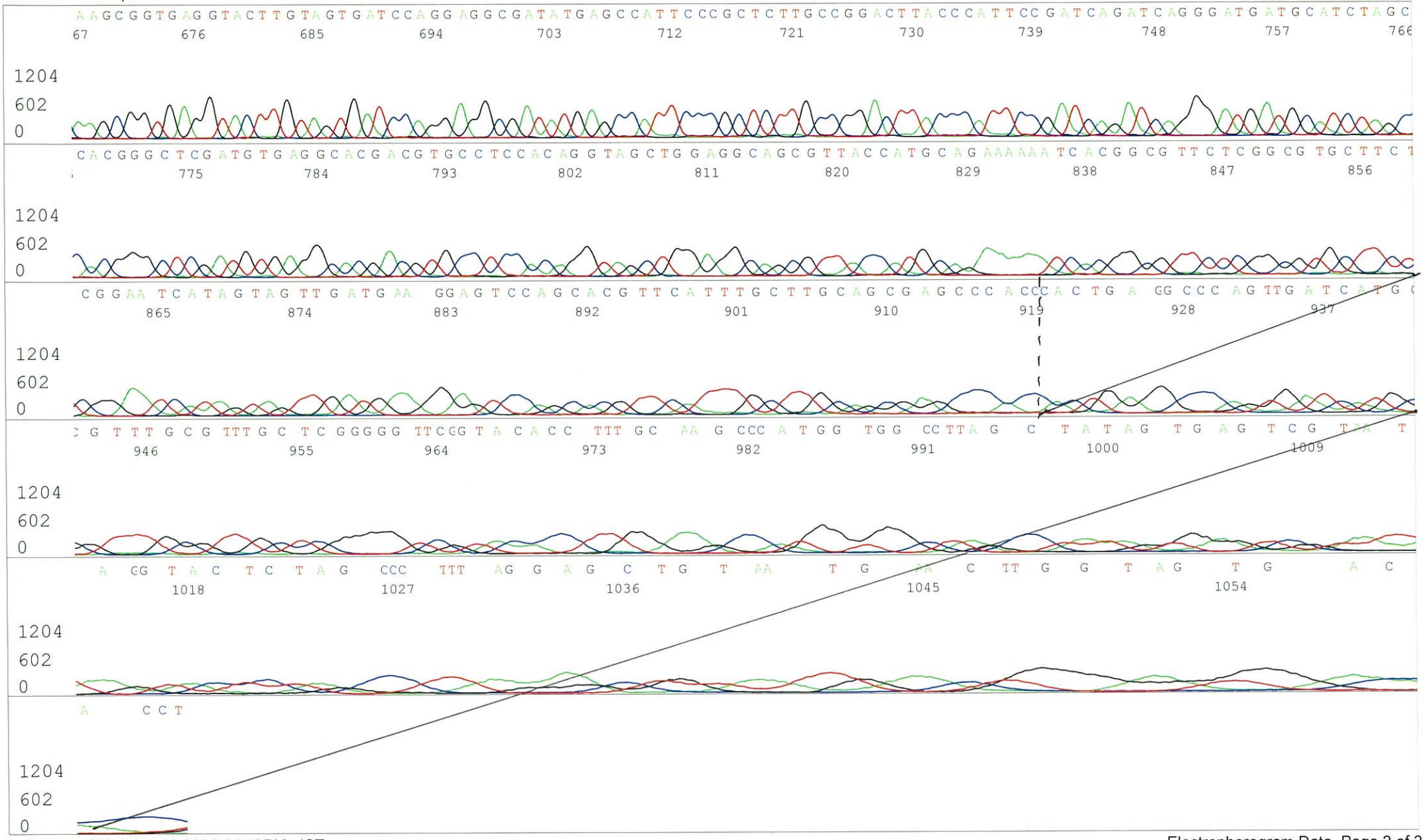
S/N G:343 A:511 T:685 C:706
KB.bcp
KB 1.4.1.8 Cap:22

primer name C : pAxCALNL_F1
5'- CACTGCATTCTAGTTGTGGTTTGTCC -3'



Applied Biosystems

S/N G:343 A:511 T:685 C:706
KB.bcp
KB 1.4.1.8 Cap:22

05490_05490_A6A7_2_pAxCALNL_F1_H10_22
05490_05490_A6A7_2_pAxCALNL_F1
KB_3500_POP7_BDTv3.mob
Pts 1636 to 12383 Pk1 Loc:1613
Version 6.0 HiSQV Bases: 907

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