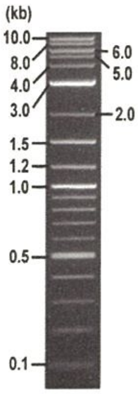
P

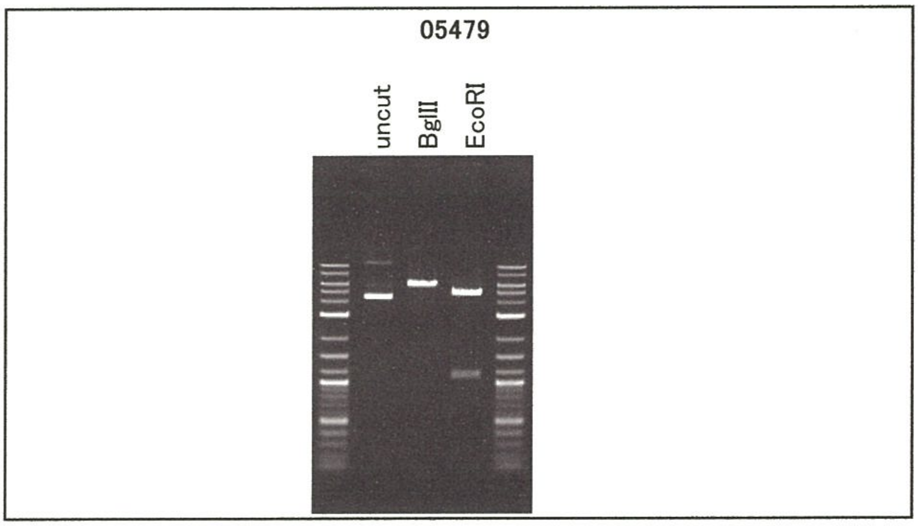
Gene Engineering Division
RIKEN BioResource Center

RIKEN DNA BANK   clone name : pKM2L-phCLG4

- **Clone ID** : RDB _ 05479
- **Lot** : 05479 _ A3Df
- **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	
BglII	:	**5.9**	kbp
EcoRI	:	**4.8, 1.1**	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 10.2.19 金藤

http://dna.brc.riken.jp/index.html

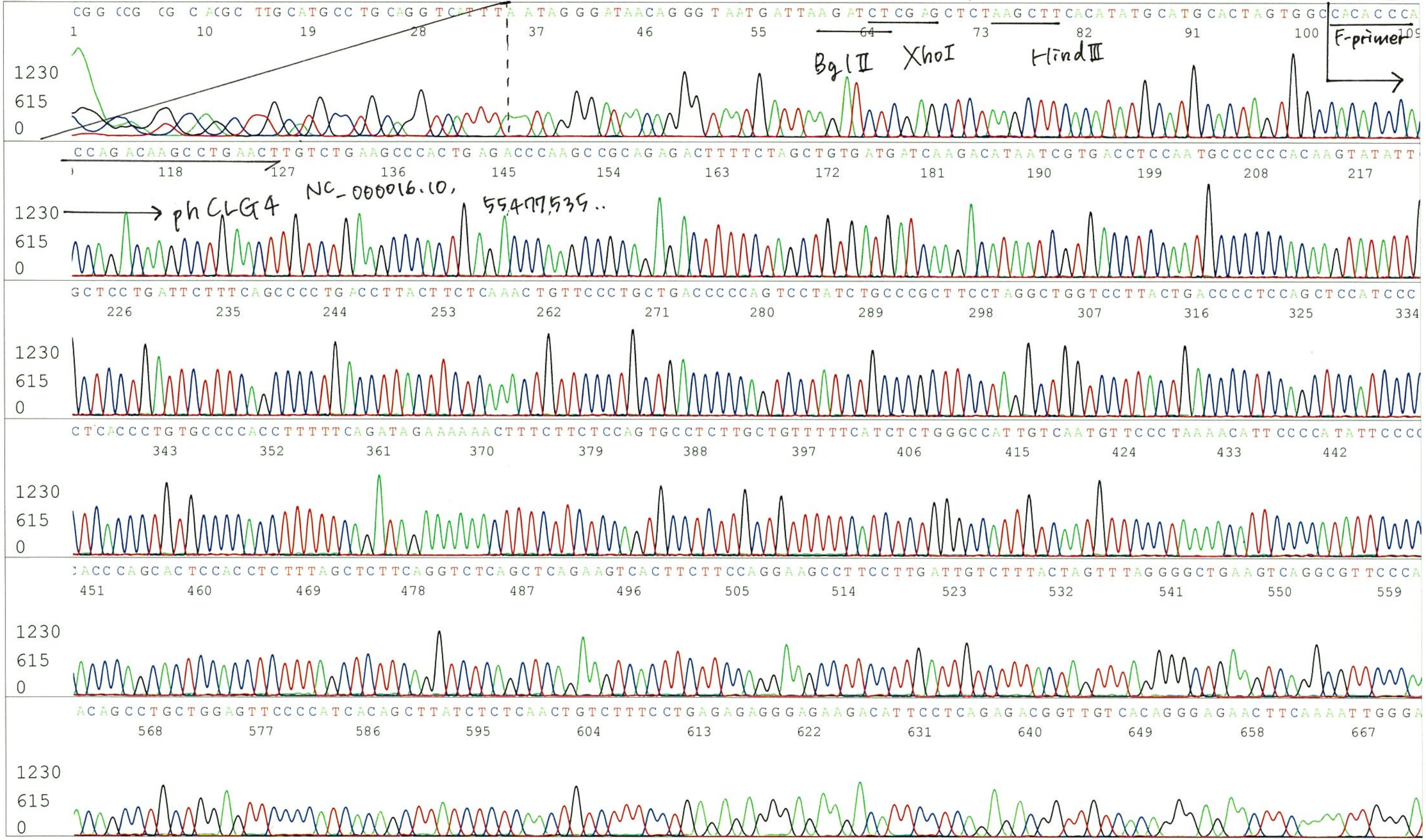
Applied Biosystems

S/N G:181 A:223 T:266 C:315
KB.bcp
KB 1.4.1.8   Cap:2

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

05479_05479_A3Df_M13(-40)_A08_02
05479_05479_A3Df_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1537 to 12937 Pk1 Loc:1514
Version 6.0   HiSQV Bases: 931

Inst Model/Name 3500/3500 Instrument
Feb 18,2016 09:45AM, JST
Feb 18,2016 10:11AM, JST
Spacing:11.43 Pts/Panel1350
Plate Name: 20160218_mix



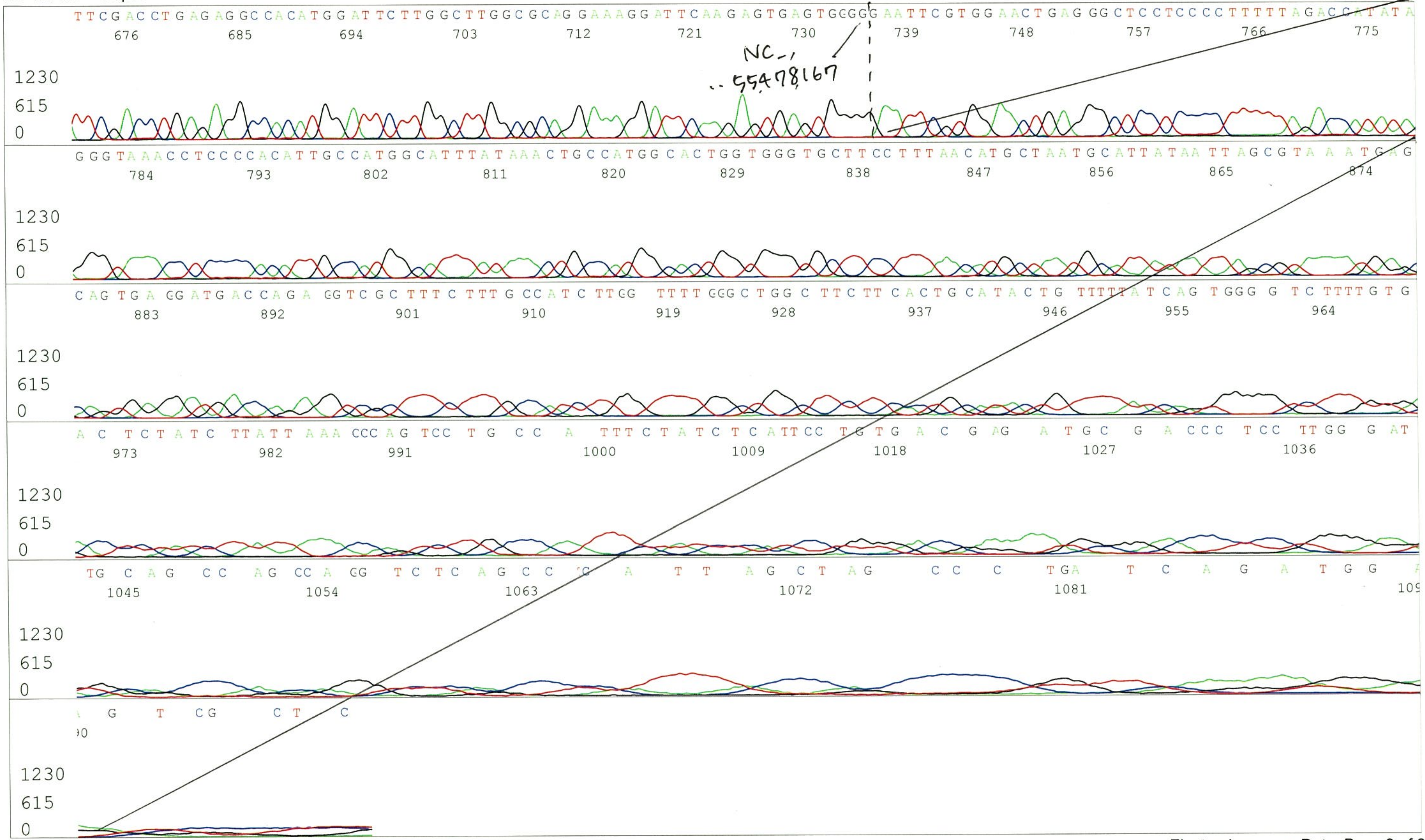
Printed on: Thu Feb 18,2016 11:50AM, JST

Applied Biosystems

S/N G:181 A:223 T:266 C:315
KB.bcp
KB 1.4.1.8 Cap:2

05479_05479_A3Df_M13(-40)_A08_02
05479_05479_A3Df_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1537 to 12937 Pk1 Loc:1514
Version 6.0 HiSQV Bases: 931

Inst Model/Name 3500/3500 Instrument
Feb 18,2016 09:45AM, JST
Feb 18,2016 10:11AM, JST
Spacing:11.43 Pts/Panel1350
Plate Name: 20160218_mix



NC_.. 55478167

Printed on: Thu Feb 18,2016 11:50AM, JST

Electropherogram Data Page 2 of 2

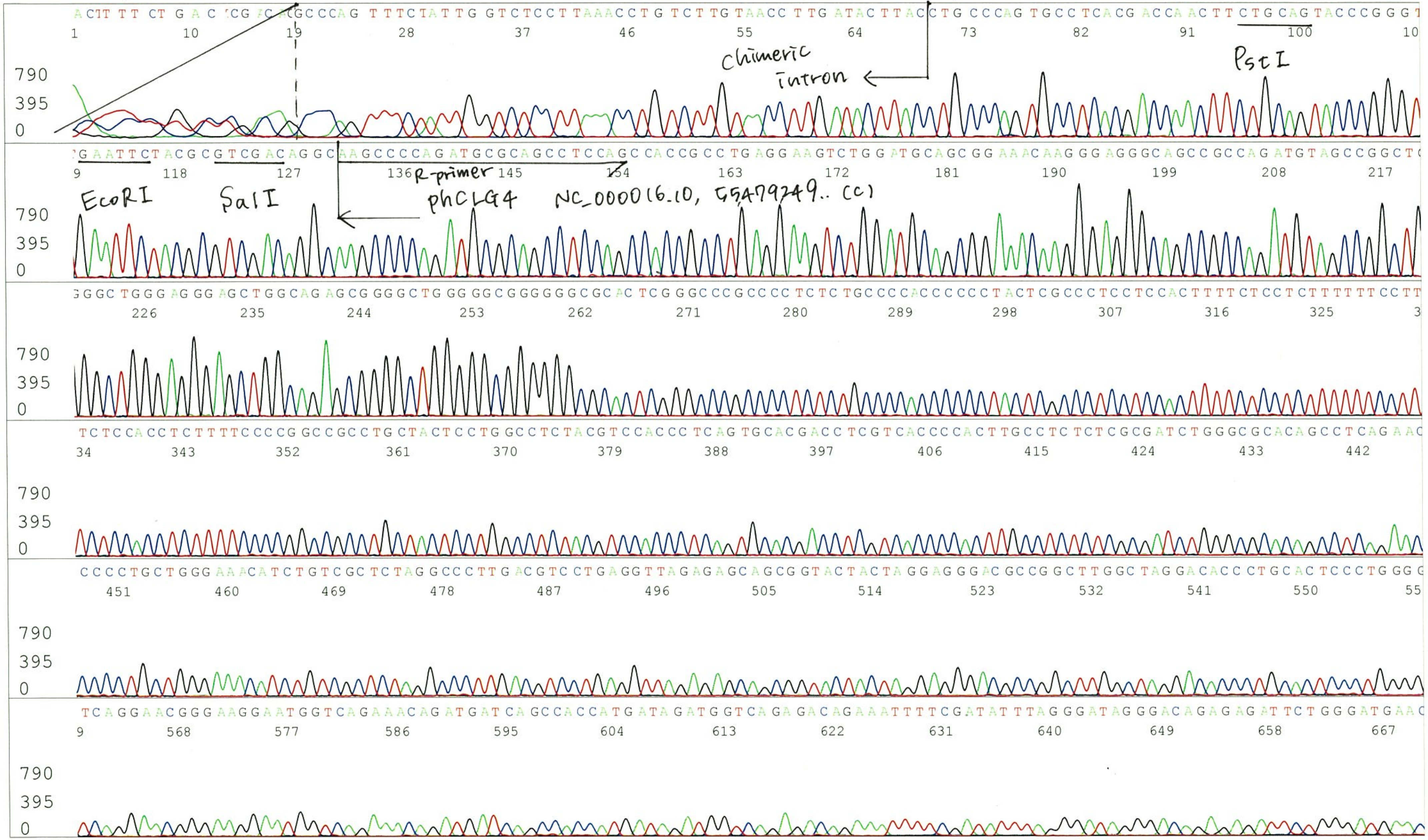
Applied Biosystems

S/N G:73 A:65 T:54 C:84
KB.bcp
KB 1.4.1.8 Cap:5

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

05479_05479_A3Df_phRLR2_B08_05
05479_05479_A3Df_phRLR2
KB_3500_POP7_BDTv3.mob
Pts 1523 to 12867 Pk1 Loc:1500
Version 6.0 HiSQV Bases: 982

Inst Model/Name 3500/3500 Instrument
Feb 18,2016 09:45AM, JST
Feb 18,2016 10:11AM, JST
Spacing:11.16 Pts/Panel1350
Plate Name: 20160218_mix

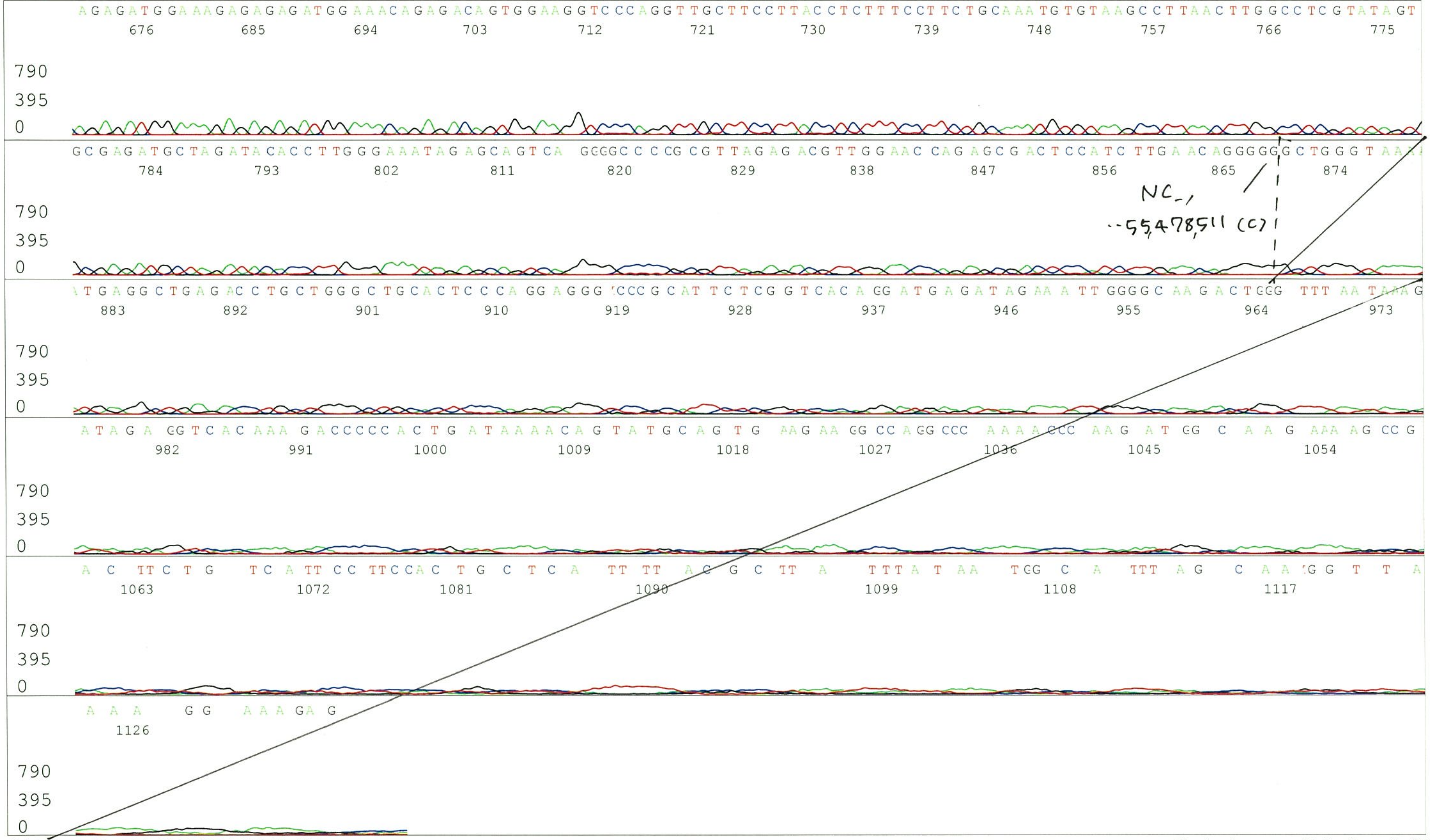


Applied Biosystems

S/N G:73 A:65 T:54 C:84
KB.bcp
KB 1.4.1.8 Cap:5

05479_05479_A3Df_phRLR2_B08_05
05479_05479_A3Df_phRLR2
KB_3500_POP7_BDTv3.mob
Pts 1523 to 12867 Pk1 Loc:1500
Version 6.0 HiSQV Bases: 982

Inst Model/Name 3500/3500 Instrument
Feb 18,2016 09:45AM, JST
Feb 18,2016 10:11AM, JST
Spacing:11.16 Pts/Panel1350
Plate Name: 20160218_mix



NC_,
··55,478,511 (C)

Printed on: Thu Feb 18,2016 11:50AM, JST

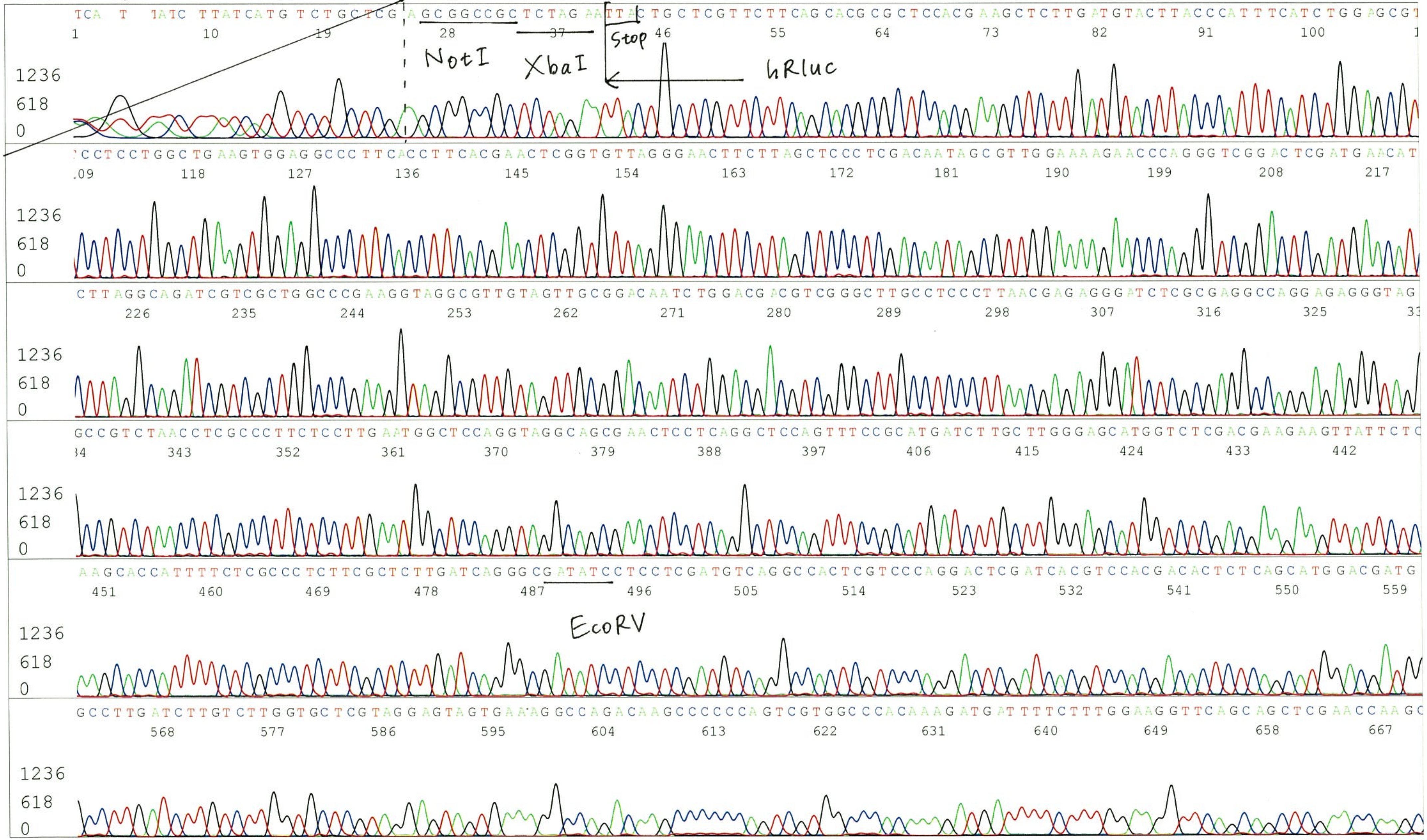
Applied Biosystems

S/N G:1881 A:1764 T:2018 C:245
KB.bcp
KB 1.4.1.8 Cap:8

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

05479_05479_A3Df_pAxCALNL_F1_C08_08
05479_05479_A3Df_pAxCALNL_F1
KB_3500_POP7_BDTv3.mob
Pts 1571 to 12762 Pk1 Loc:1548
Version 6.0 HiSQV Bases: 908

Inst Model/Name 3500/3500 Instrument
Feb 18,2016 09:45AM, JST
Feb 18,2016 10:11AM, JST
Spacing:11.25 Pts/Panel1350
Plate Name: 20160218_mix



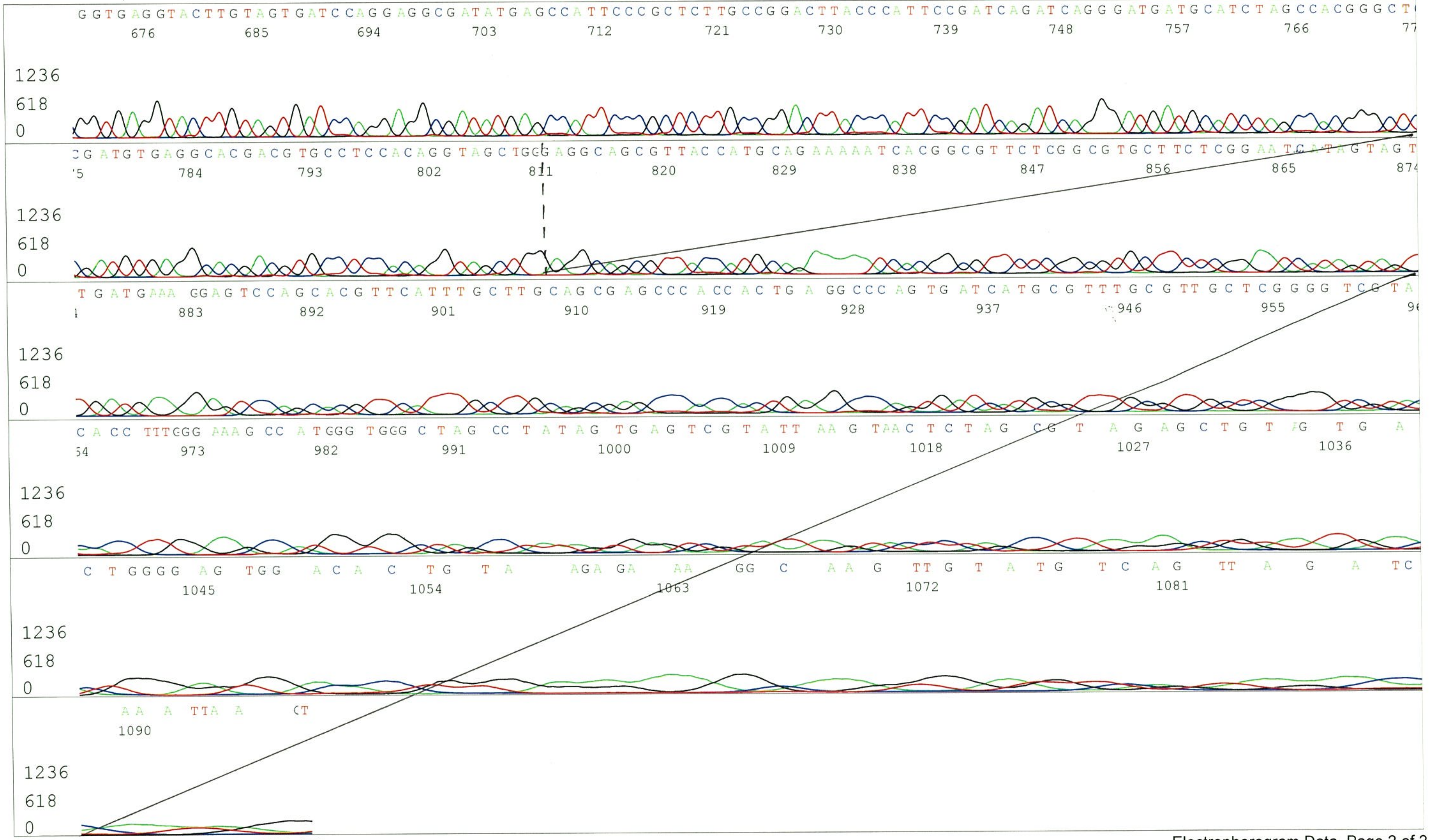
Printed on: Thu Feb 18,2016 11:50AM, JST

Applied Biosystems

S/N G:1881 A:1764 T:2018 C:2456
KB.bcp
KB 1.4.1.8   Cap:8

05479_05479_A3Df_pAxCALNL_F1_C08_08
05479_05479_A3Df_pAxCALNL_F1
KB_3500_POP7_BDTv3.mob
Pts 1571 to 12762 Pk1 Loc:1548
Version 6.0   HiSQV Bases: 908

Inst Model/Name 3500/3500 Instrument
Feb 18,2016 09:45AM, JST
Feb 18,2016 10:11AM, JST
Spacing:11.25 Pts/Panel1350
Plate Name: 20160218_mix



Printed on: Thu Feb 18,2016 11:50AM, JST