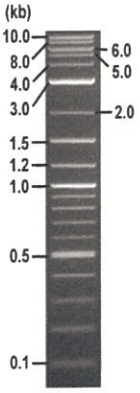
Gene Engineering Division
RIKEN BioResource Center

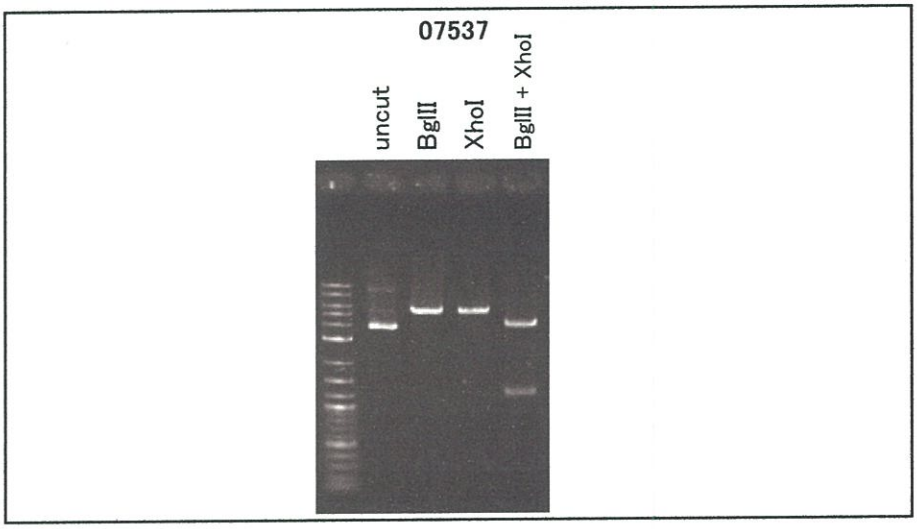
RIKEN DNA BANK

clone name : pGL4-phMMP9

- Clone ID : RDB _ 07537
- Lot : 14426 _ A6Kg
- 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 : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
BglII	:	5.6	kbp
XhoI	:	5.6	kbp
BglII + XhoI	:	4.2, 1.4	kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	pGL4-4174F	Sequence - E	-
Sequence - B	pGL4-136R	Sequence - F	-
Sequence - C	pAxCALNL_F1	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :

確認 16.12.05 金藤

Applied Biosystems

S/N G:39 A:56 T:51 C:60
KB.bcp
KB 1.4.1.8 Cap:11

primer name A : pGL4-4174F
5'-TAGCAAAATAGGCTGTCCCC-3'

07537_A6Kg_4_pGL4-4174F_D11_11_ABI24
07537_A6Kg_4_pGL4-4174F
KB_3500_POP7_BDTv3.mob
Pts 1529 to 11070 Pk1 Loc:1506
Version 6.0 HiSQV Bases: 805

Inst Model/Name 3500/3500 Instrument
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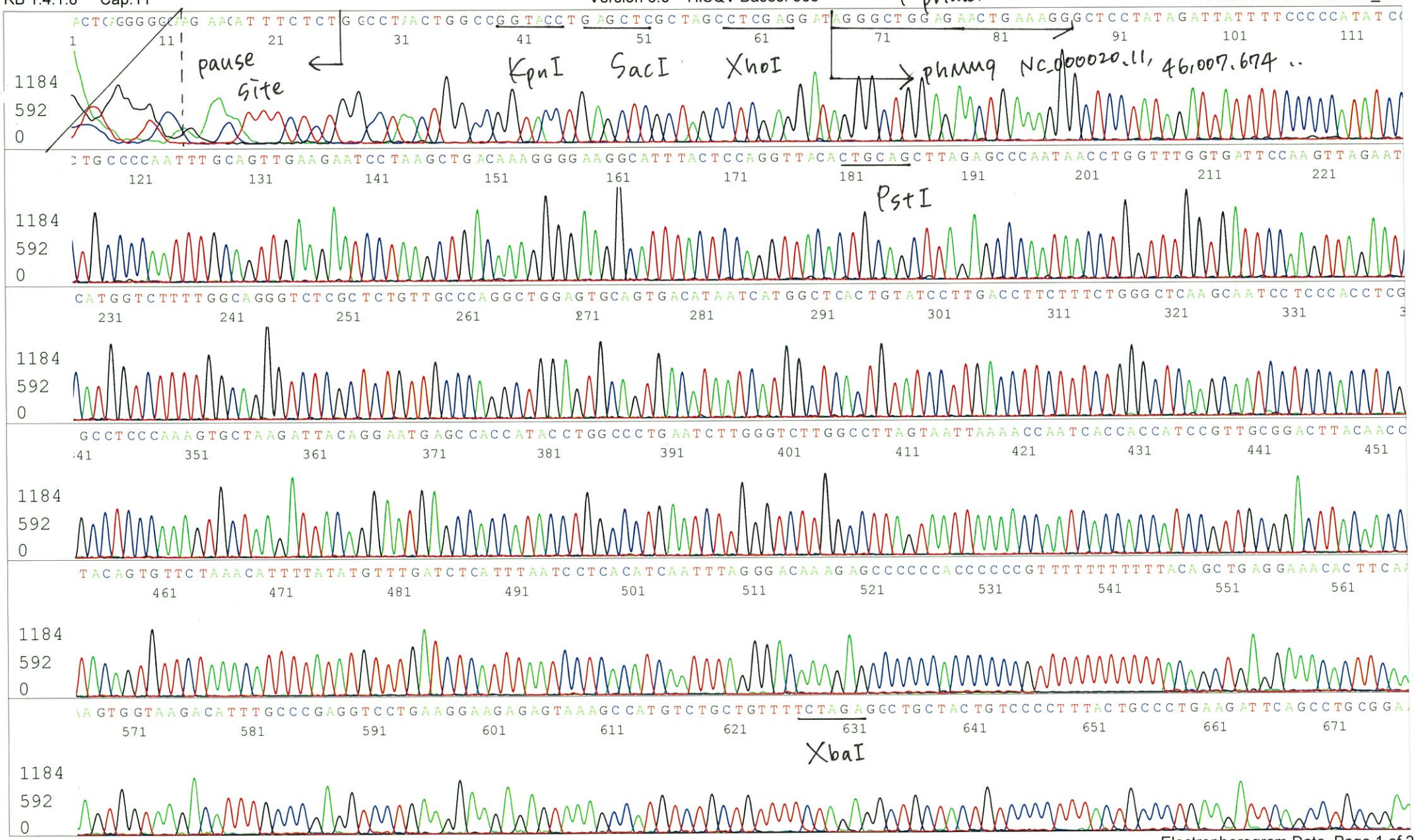
Dec 02,2016 10:28AM, JST
Spacing:12.15 Pts/Panel1350
Plate Name: 20161202_mix



Applied Biosystems

S/N G:39 A:56 T:51 C:60
KB.bcp
KB 1.4.1.8 Cap:11

07537_A6Kg_4_pGL4-4174F_D11_11_ABI24
07537_A6Kg_4_pGL4-4174F
KB_3500_POP7_BDTv3.mob
Pts 1529 to 11070 Pk1 Loc:1506
Version 6.0 HiSQV Bases: 805

Inst Model/Name 3500/3500 Instrument
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Dec 02,2016 10:28AM, JST
Spacing:12.15 Pts/Panel1350
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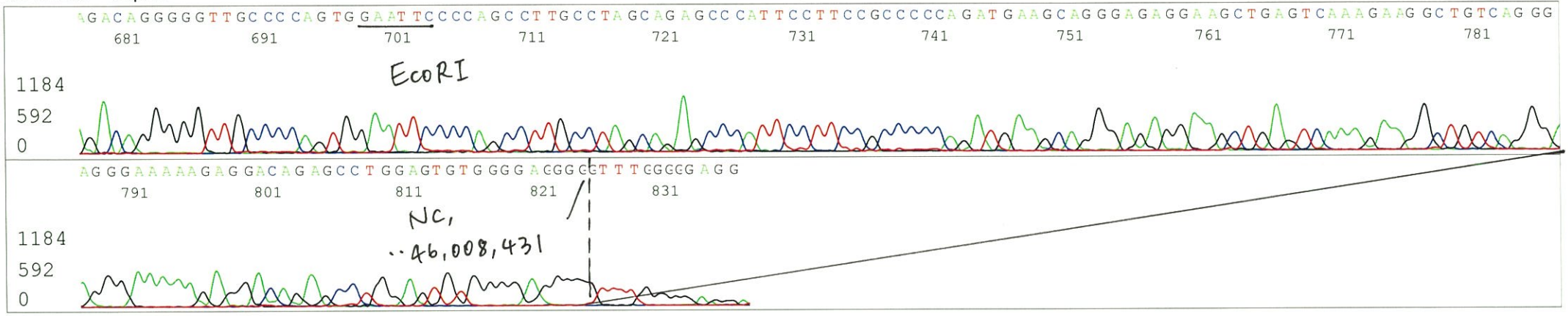

Applied Biosystems

S/N G:1302 A:852 T:716 C:1073
KB.bcp
KB 1.4.1.8 Cap:14

primer name B : pGL4-136R
5'-CTTCGAGTGGGTAGAATGGC-3'

07537_A6Kg_4_pGL4-136R_E11_14_ABI24
07537_A6Kg_4_pGL4-136R
KB_3500_POP7_BDTv3.mob
Pts 1552 to 13548 Pk1 Loc:1529
Version 6.0 HiSQV Bases: 481

Inst Model/Name 3500/3500 Instrument
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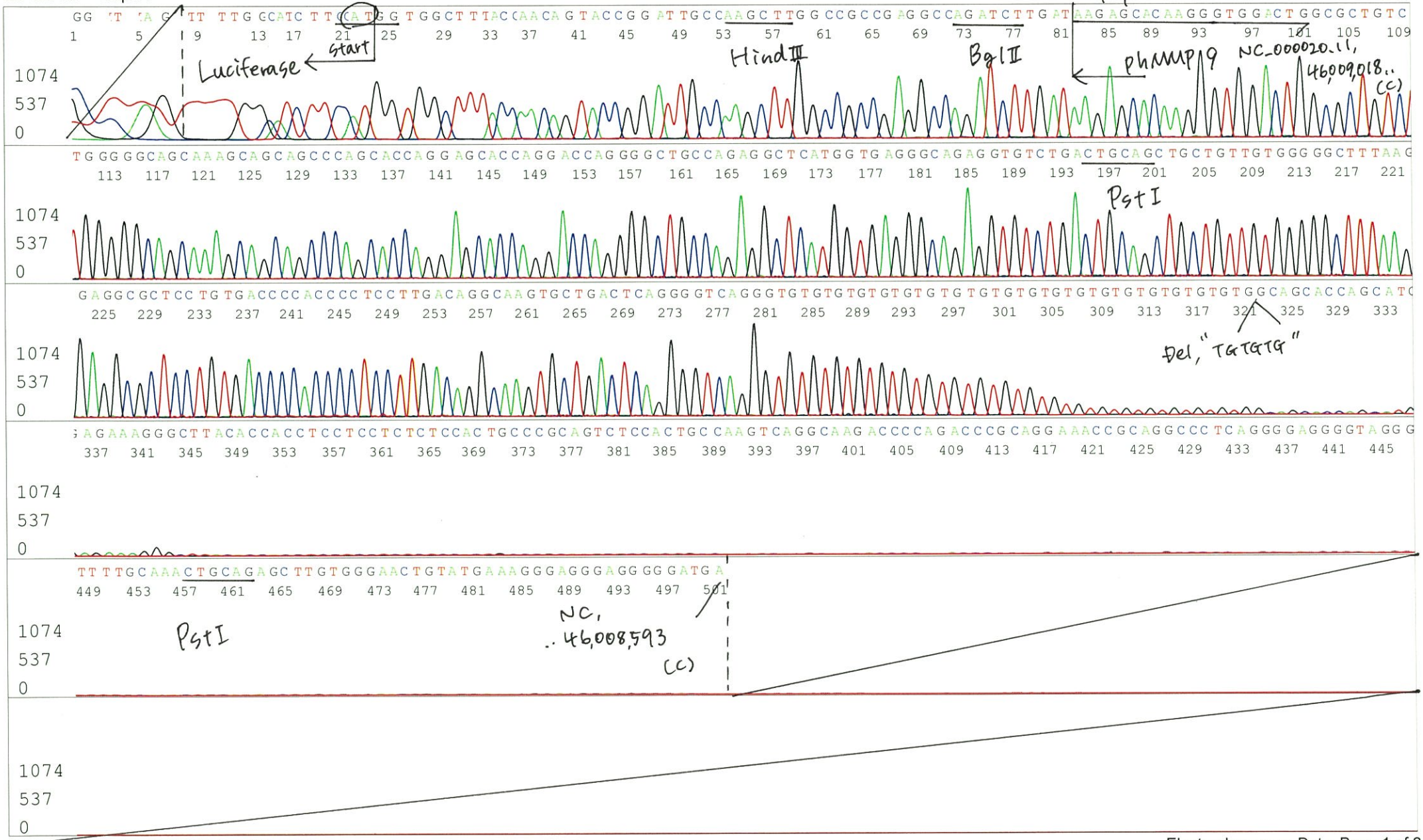
Spacing:11.96 Pts/Panel1350
Plate Name: 20161202_mix



Applied Biosystems

S/N G:81 A:93 T:81 C:133
KB.bcp
KB 1.4.1.8 Cap:17

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

07537_A6Kg_4_pAxCALNL_F1_F11_17_ABI24
07537_A6Kg_4_pAxCALNL_F1
KB_3500_POP7_BDTv3.mob
Pts 1568 to 13645 Pk1 Loc:1545
Version 6.0 HiSQV Bases: 1000

Inst Model/Name 3500/3500 Instrument
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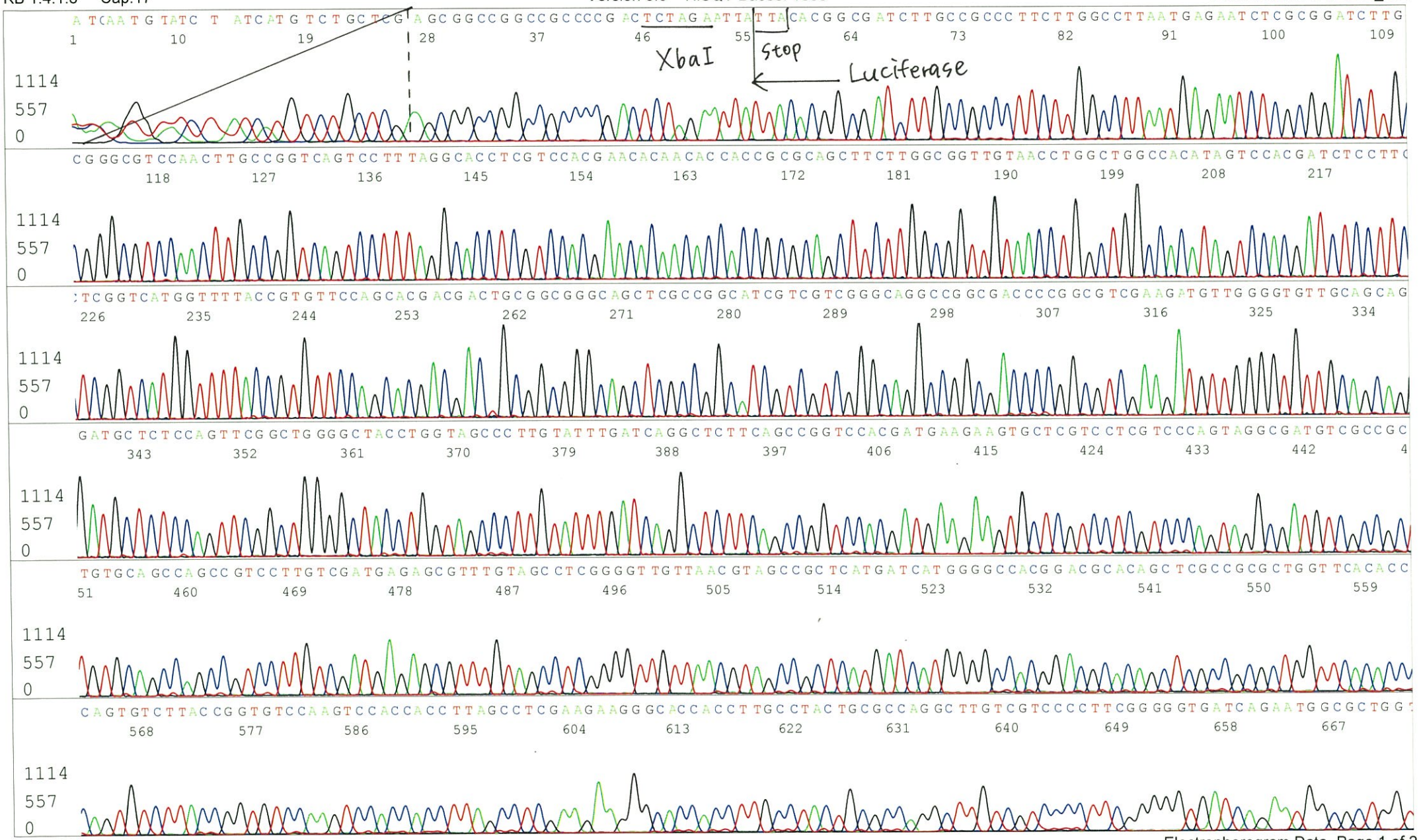
Plate Name: 20161202_mix



Applied Biosystems

S/N G:81 A:93 T:81 C:133
KB.bcp
KB 1.4.1.8 Cap:17

07537_A6Kg_4_pAxCALNL_F1_F11_17_ABI24
07537_A6Kg_4_pAxCALNL_F1
KB_3500_POP7_BDTv3.mob
Pts 1568 to 13645 Pk1 Loc:1545
Version 6.0 HiSQV Bases: 1000

Inst Model/Name 3500/3500 Instrument
Dec 02,2016 10:02AM, JST
Dec 02,2016 10:28AM, JST
Spacing:12.22 Pts/Panel1350
Plate Name: 20161202_mix