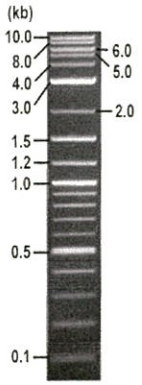
Gene Engineering Division
RIKEN BioResource Center

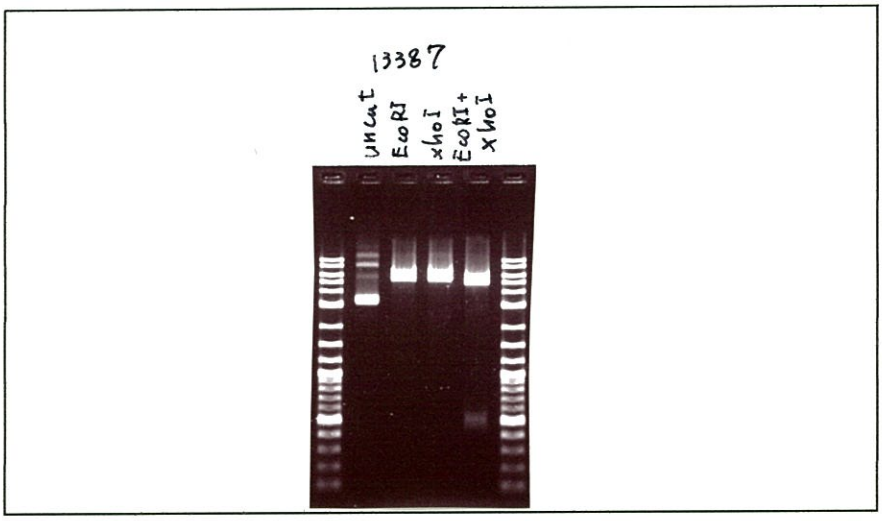
RIKEN DNA BANK

clone name : pcDNA3-SOD1-FLAG G85R

- Clone ID : RDB _ 13387
- Lot : 13387 _ A5Ed
- 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 : 54 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
EcoRI	:	5.9	kbp
XhoI	:	5.9	kbp
EcoRI + XhoI	:	5.4, 0.5	kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	CMV-Forward	Sequence - E	-
Sequence - B	SV40pro_F	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY : 確認 15.6.03 金藤

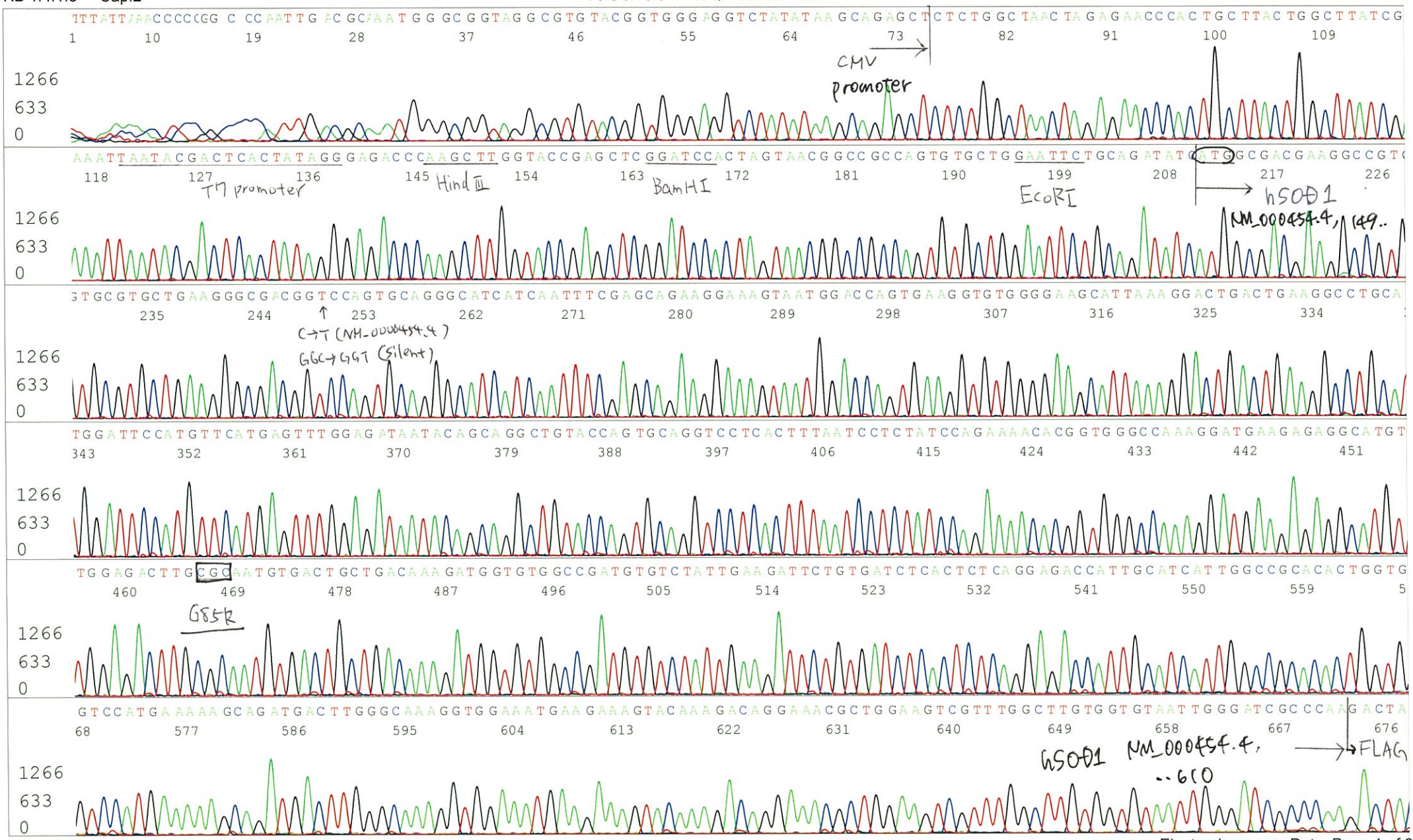
Applied Biosystems

S/N G:37 A:32 T:25 C:28
KB.bcp
KB 1.4.1.8 Cap:2

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

13387_13387_A5Ed_2_CMV_Forward_A05_02
13387_13387_A5Ed_2_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1364 to 13179 Pk1 Loc:1341
Version 6.0 HiSQV Bases: 1027

Inst Model/Name 3500/3500 Instrument
May 26,2015 02:10PM, JST
May 26,2015 02:37PM, JST
Spacing:11.64 Pts/Panel1350
Plate Name: 20150525-mix



Applied Biosystems

S/N G:37 A:32 T:25 C:28
KB.bcp
KB 1.4.1.8 Cap:2

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13387_13387_A5Ed_2_CMV_Forward
KB_3500_POP7_BDTv3.mob
Pts 1364 to 13179 Pk1 Loc:1341
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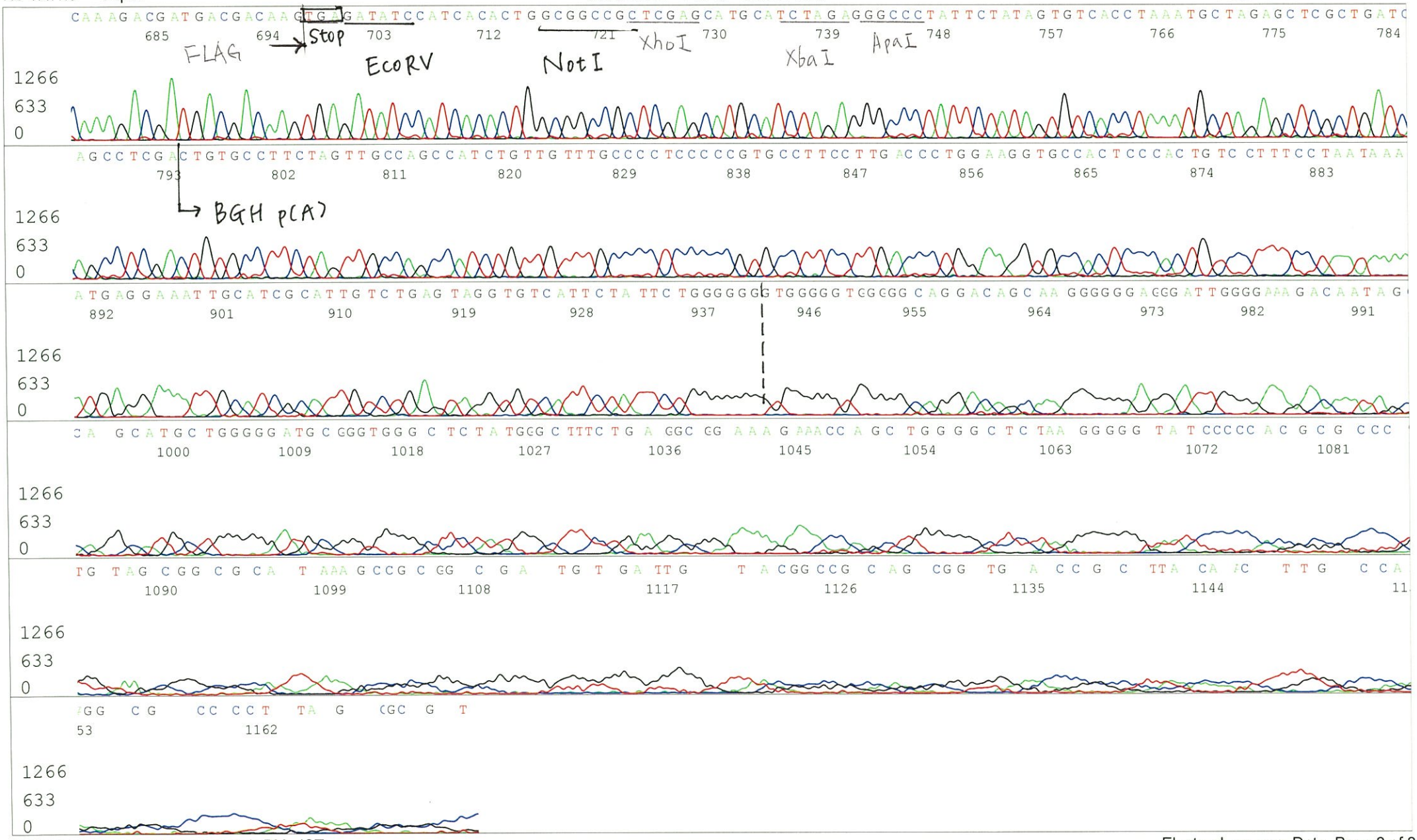


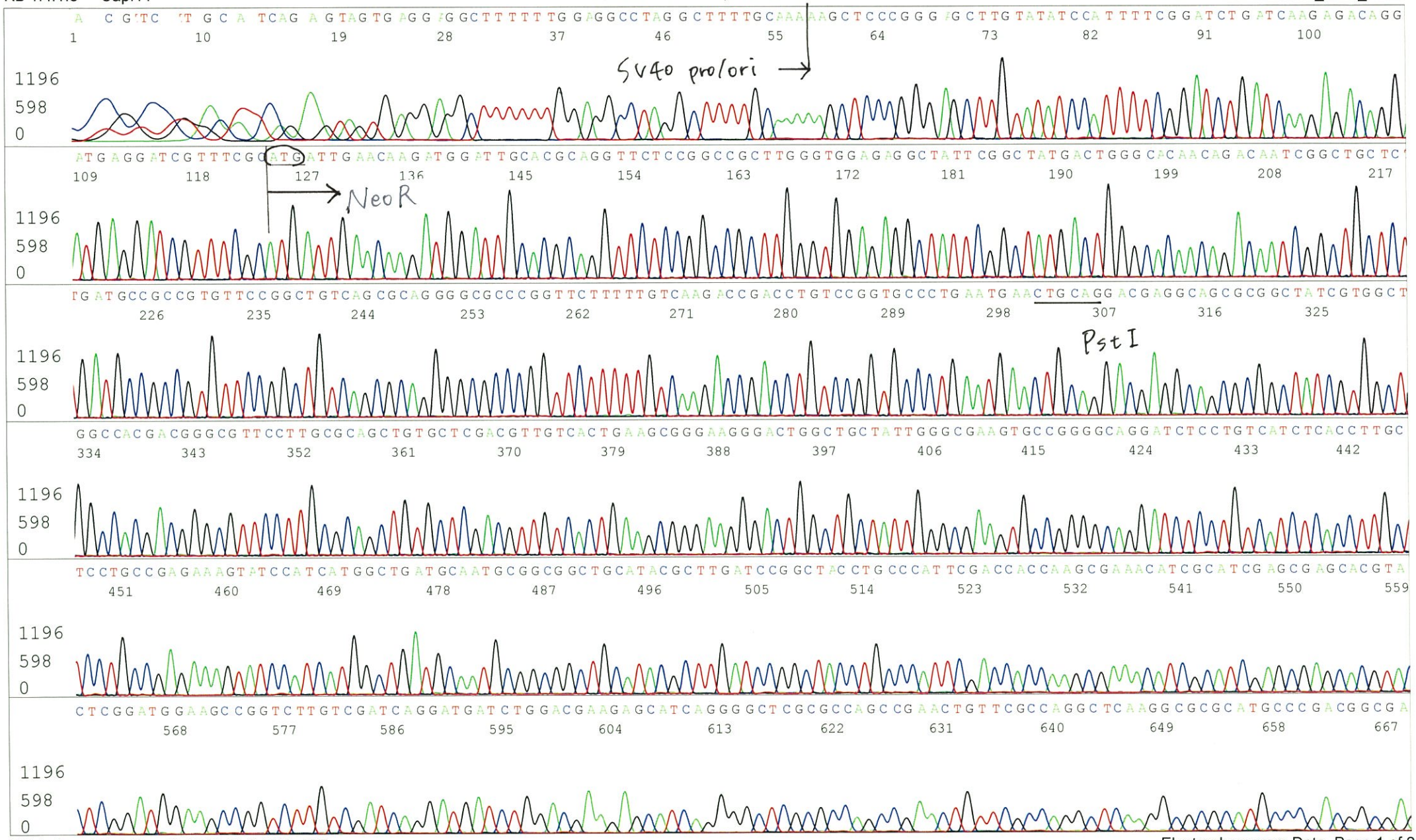
Applied Biosystems

S/N G:1047 A:628 T:491 C:571
KB.bcp
KB 1.4.1.8 Cap:11

primer name B : SV40pro_F
5'-TATTTATGCAGAGGCCGAGG-3'

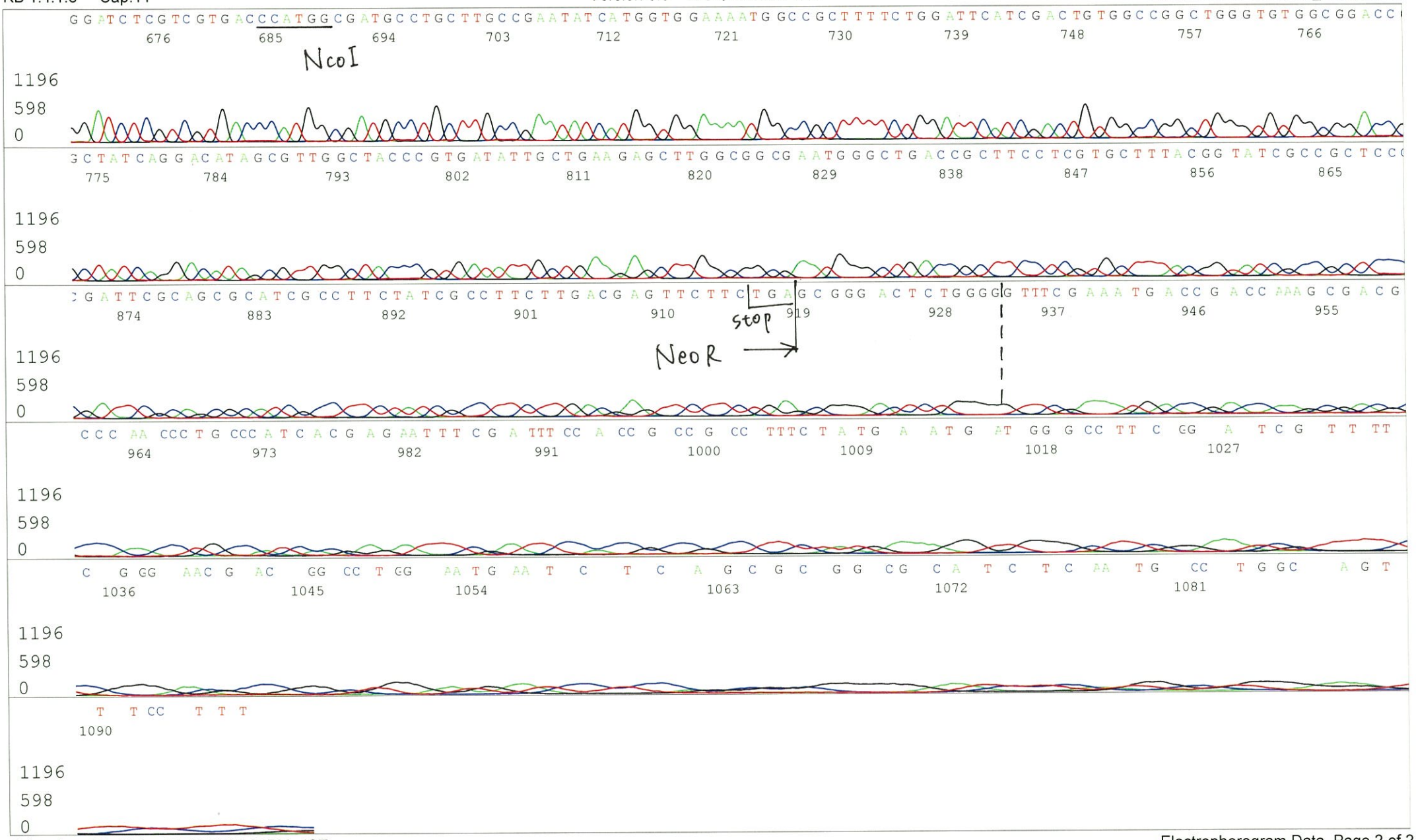
13387_13387_A5Ed_2_SV40pro_F_D02_11
13387_13387_A5Ed_2_SV40pro_F
KB_3500_POP7_BDTv3.mob
Pts 1512 to 12488 Pk1 Loc:1489
Version 6.0 HiSQV Bases: 938

Inst Model/Name 3500/3500 Instrument
May 20,2015 10:04AM, JST
May 20,2015 10:30AM, JST
Spacing:10.97 Pts/Panel1350
Plate Name: 20150520_GNP_kitaku



Applied Biosystems

S/N G:1047 A:628 T:491 C:571
KB.bcp
KB 1.4.1.8 Cap:11

13387_13387_A5Ed_2_SV40pro_F_D02_11
13387_13387_A5Ed_2_SV40pro_F
KB_3500_POP7_BDTv3.mob
Pts 1512 to 12488 Pk1 Loc:1489
Version 6.0 HiSQV Bases: 938

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May 20,2015 10:04AM, JST
May 20,2015 10:30AM, JST
Spacing:10.97 Pts/Panel1350
Plate Name: 20150520_GNP_kitaku