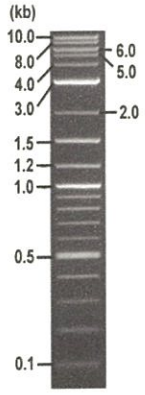
Gene Engineering Division
RIKEN BioResource Center

RIKEN DNA BANK

clone name : S-Myc

- Clone ID : RDB _ 02140
- Lot : 14003 _ A6Cs
- 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 : 84 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
NotI	:	5.5	kbp
EcoRI	:	5.5	kbp
BamHI	:	3.5, 2.0	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_V2	Sequence - F	-
Sequence - C	-	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY : 確認 16.4.06 金藤

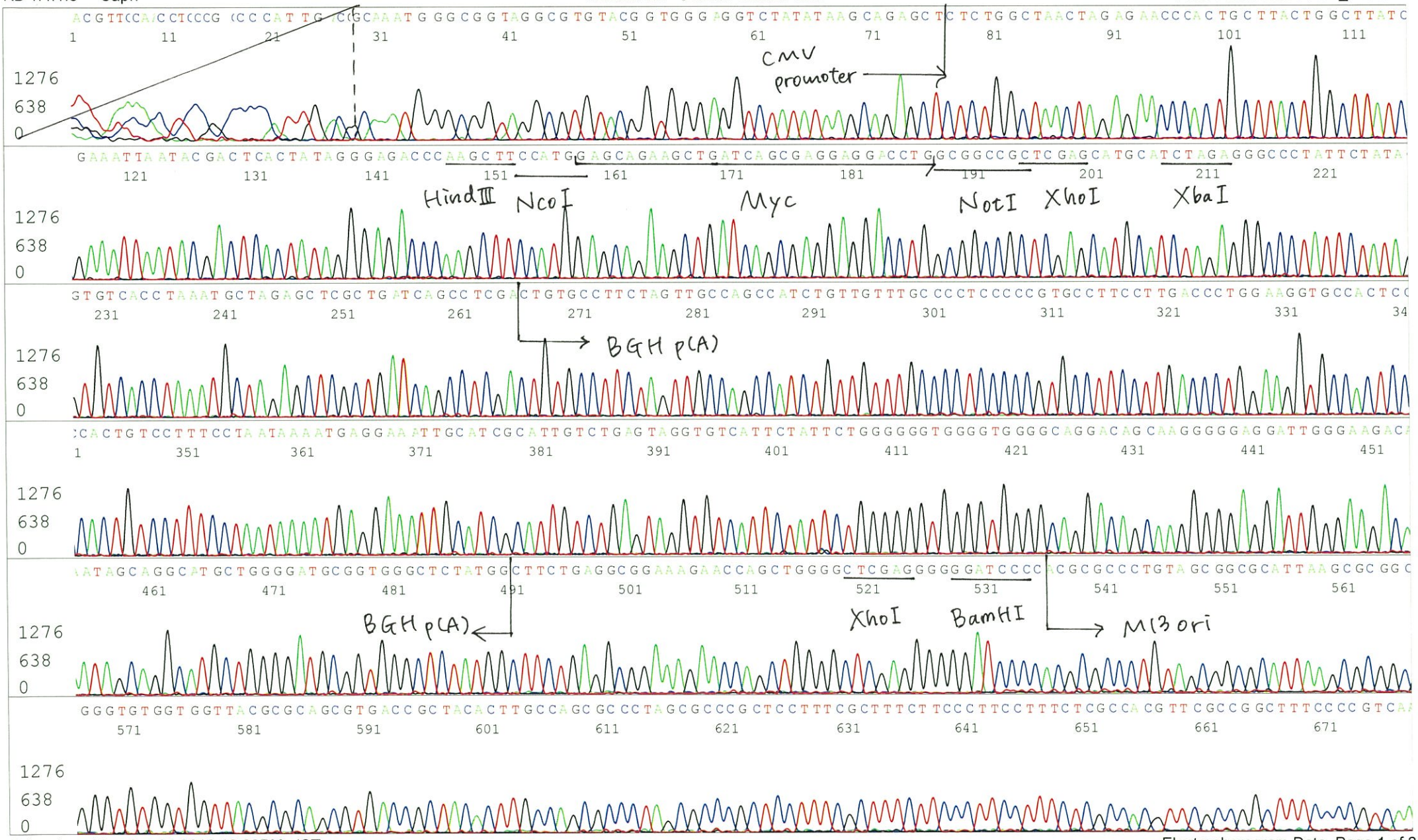
Applied Biosystems

S/N G:19 A:20 T:19 C:23
KB.bcp
KB 1.4.1.8 Cap:7

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

02140_14003_A6Cs_1_CMV-Forward_C01_07
02140_14003_A6Cs_1_CMV-Forward
KB_3500_POP7_BDTv3.mob
Pts 1348 to 13037 Pk1 Loc:1325
Version 6.0 HiSQV Bases: 1027

Inst Model/Name 3500/3500 Instrument
Apr 04,2016 09:55AM, JST
Apr 04,2016 10:21AM, JST
Spacing:11.47 Pts/Panel1350
Plate Name: 20160404_dnabank



Applied Biosystems

S/N G:19 A:20 T:19 C:23
KB.bcp
KB 1.4.1.8 Cap:7

02140_14003_A6Cs_1_CMV-Forward_C01_07
02140_14003_A6Cs_1_CMV-Forward
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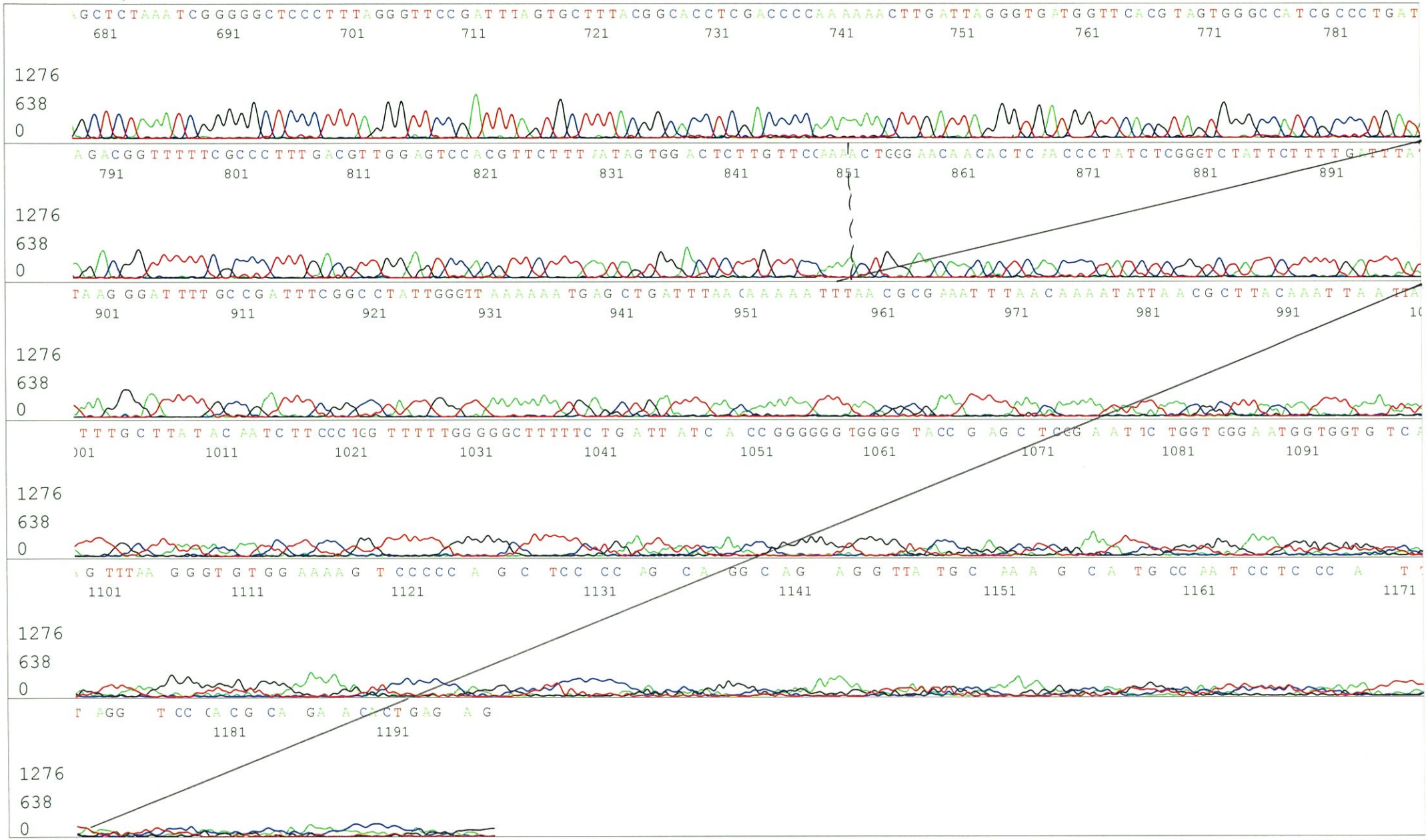


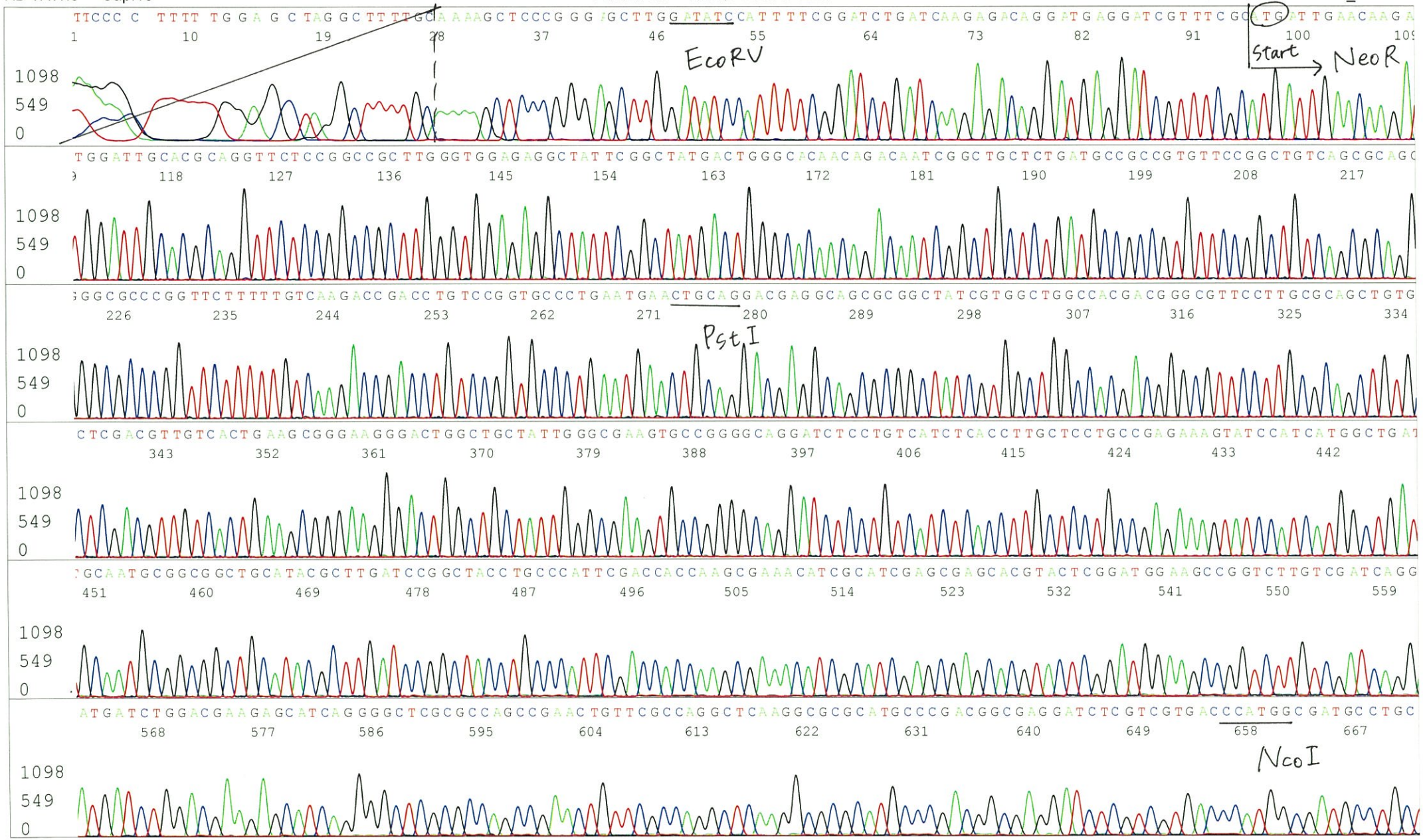
Applied Biosystems

S/N G:381 A:319 T:284 C:409
KB.bcp
KB 1.4.1.8 Cap:10

primer name 8 : SV40pro_F_V2
5'-TCGGCCTCTGAGCTATTC-3'

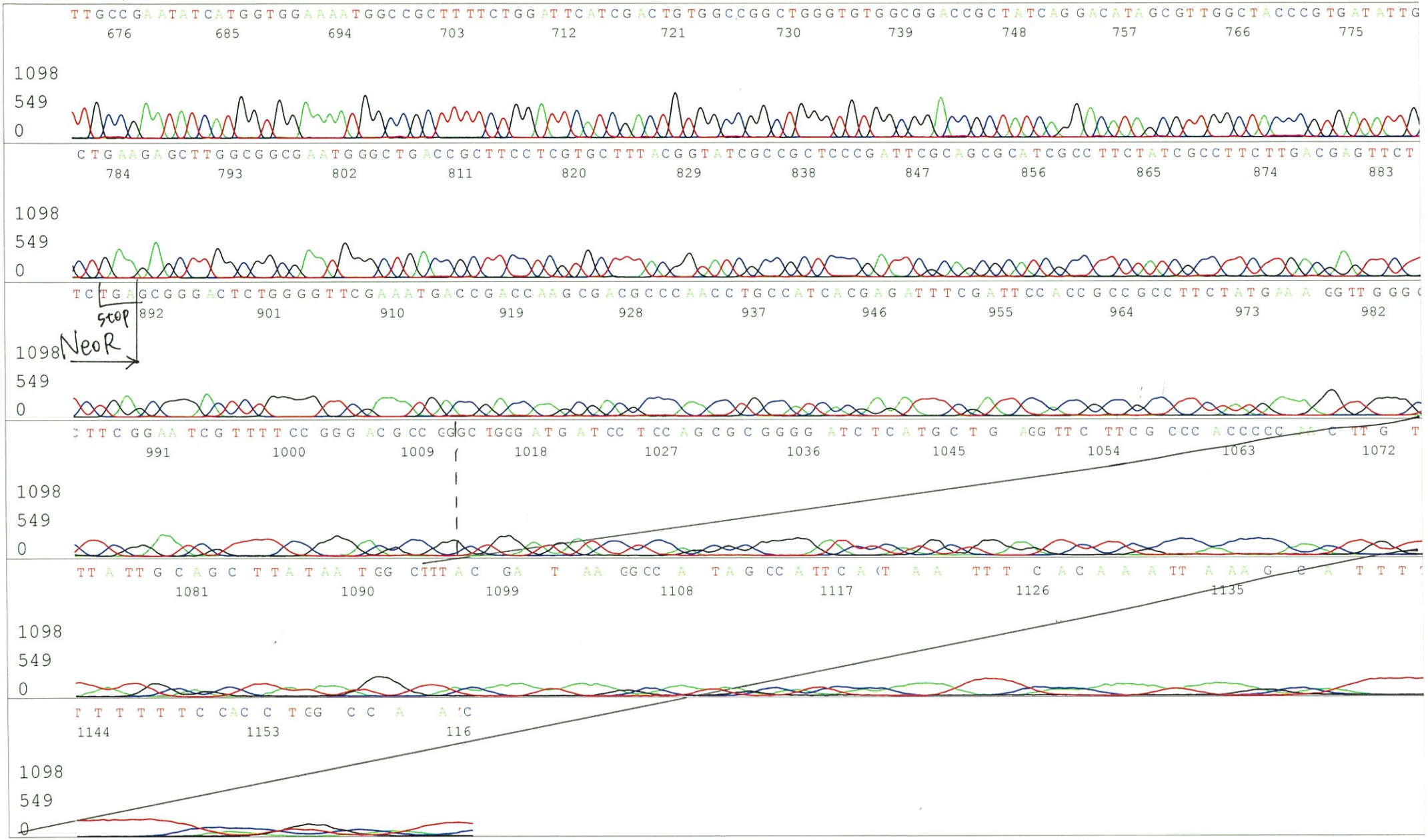
02140_14003_A6Cs_1_SV40pro_F_V2_D01_10
02140_14003_A6Cs_1_SV40pro_F_V2
KB_3500_POP7_BDTv3.mob
Pts 1369 to 13001 Pk1 Loc:1346
Version 6.0 HiSQV Bases: 1023

Inst Model/Name 3500/3500 Instrument
Apr 04,2016 09:55AM, JST
Apr 04,2016 10:21AM, JST
Spacing:11.51 Pts/Panel1350
Plate Name: 20160404_dnabank



Applied Biosystems

S/N G:381 A:319 T:284 C:409
KB.bcp
KB 1.4.1.8 Cap:10

02140_14003_A6Cs_1_SV40pro_F_V2_D01_10
02140_14003_A6Cs_1_SV40pro_F_V2
KB_3500_POP7_BDTv3.mob
Pts 1369 to 13001 Pk1 Loc:1346
Version 6.0 HiSQV Bases: 1023

Inst Model/Name 3500/3500 Instrument
Apr 04,2016 09:55AM, JST
Apr 04,2016 10:21AM, JST
Spacing:11.51 Pts/Panel1350
Plate Name: 20160404_dnabank