Gene Engineering Division
RIKEN BioResource Center

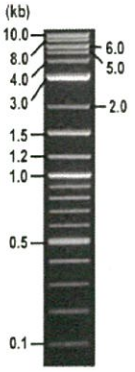
RIKEN DNA BANK

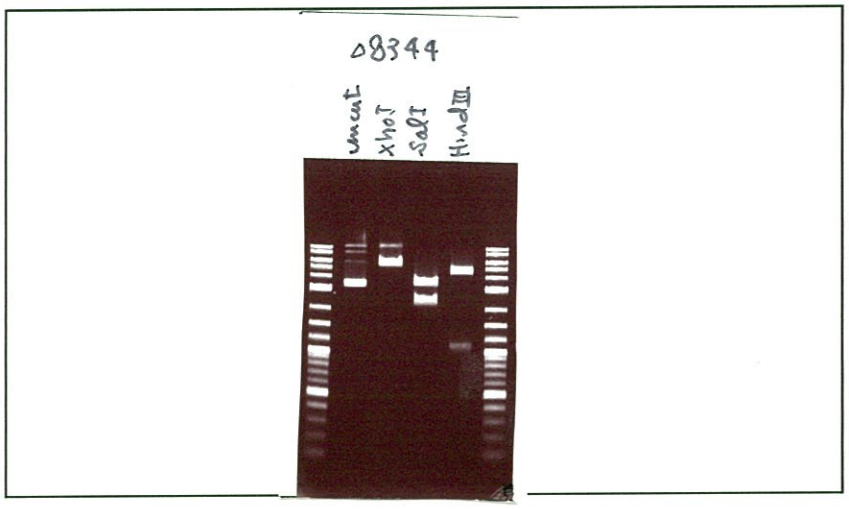
clone name : pEGFP-MBD-nls

- **Clone ID** : RDB _ 08344
- **Lot** : 08344 _ A4Ed
- **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 : 50 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
XhoI	:	**6.2**	kbp
SalI	:	**3.7, 2.5**	kbp
HindIII	:	**5.0, 1.2**	kbp
	:		kbp
	:		kbp

- **Confirmation of the insertion sequence**

Sequence name	Primer name
Sequence - A	pAxCA_F1
Sequence - B	EGFP-C
Sequence - C	pCA_bgter
Sequence - D	-

APPROVED BY : 確認 14.5.19 金藤

Applied Biosystems

S/N G:13 A:12 T:8 C:12
KB.bcp
KB 1.4.1.8 Cap:2

Primer A: pAxCAF1
5'-GGCTTCTGGCGTGTGACCGGC-3'

08344_08344_A4Ed_pAxCA_F1_A05_02
08344_08344_A4Ed_pAxCA_F1
KB_3500_POP7_BDTv3.mob
Pts 1399 to 13350 Pk1 Loc:1376
Version 5.4 HiSQV Bases: 981

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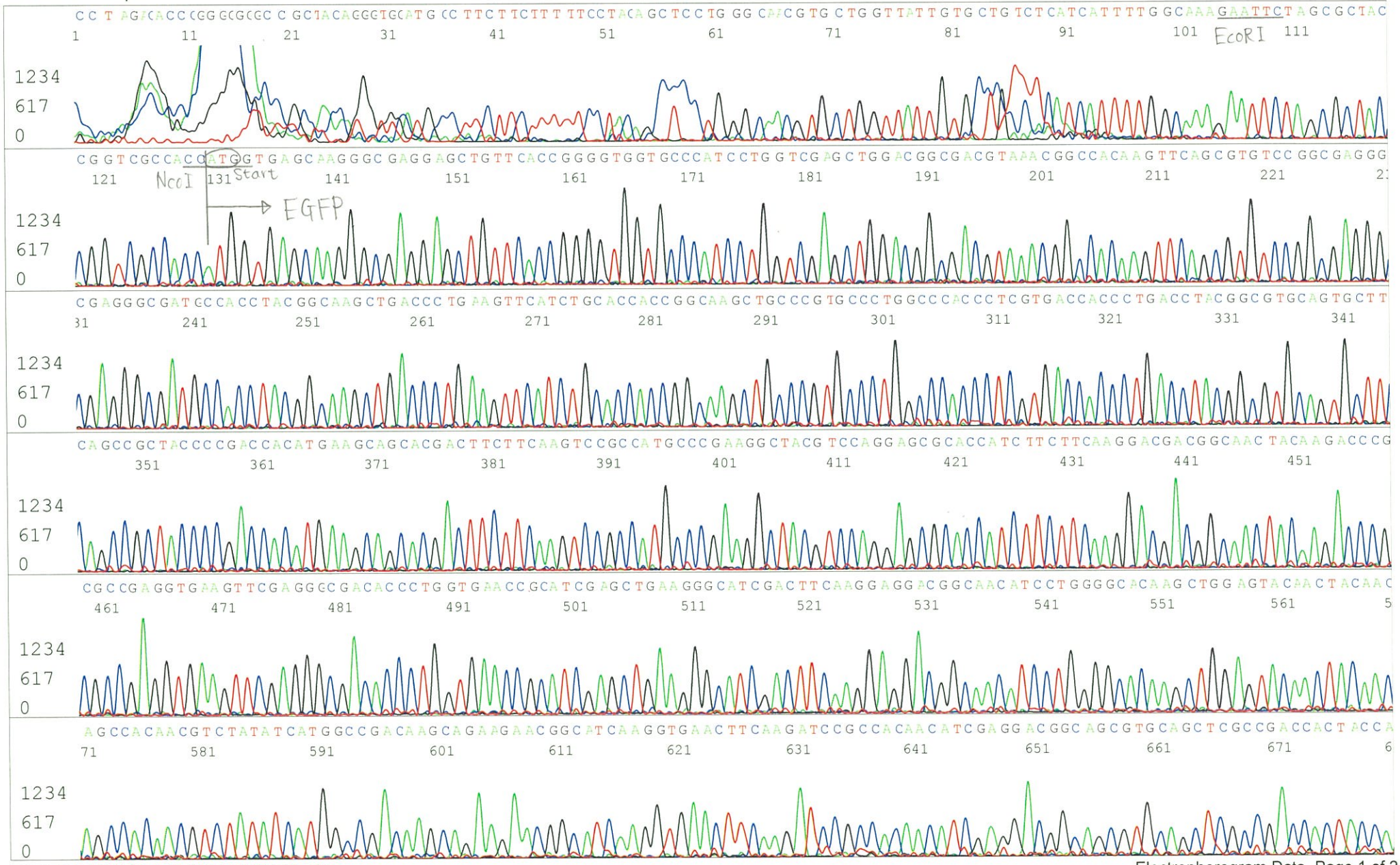
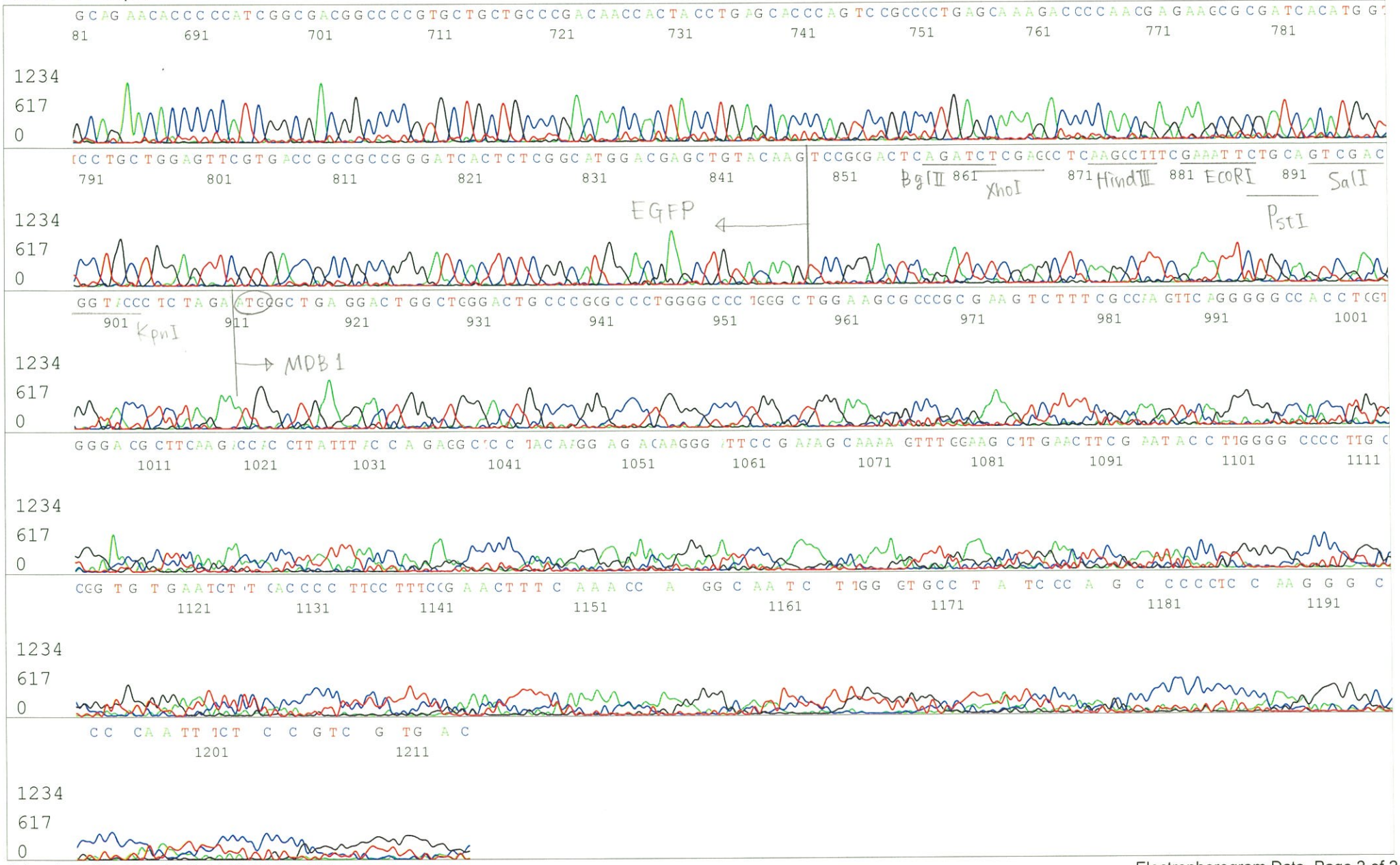
May 15,2014 02:14PM, JST
Spacing:11.82 Pts/Panel1350
Plate Name: 20140515_mix




EGFP
BglII
XhoI
HindIII
EcoRI
SalI
PstI
KpnI
MDB1

Applied Biosystems

S/N G:551 A:576 T:376 C:478
KB.bcp
KB 1.4.1.8 Cap:3

primer name B : EGFP-C
5'-CATGGTCCTGCTGGAGTTCGTG-3'

08344_08344_A4Ed_EGFP-C_A03_03
08344_08344_A4Ed_EGFP-C
KB_3500_POP7_BDTv3.mob
Pts 1503 to 13603 Pk1 Loc:1480
Version 5.4 HiSQV Bases: 994

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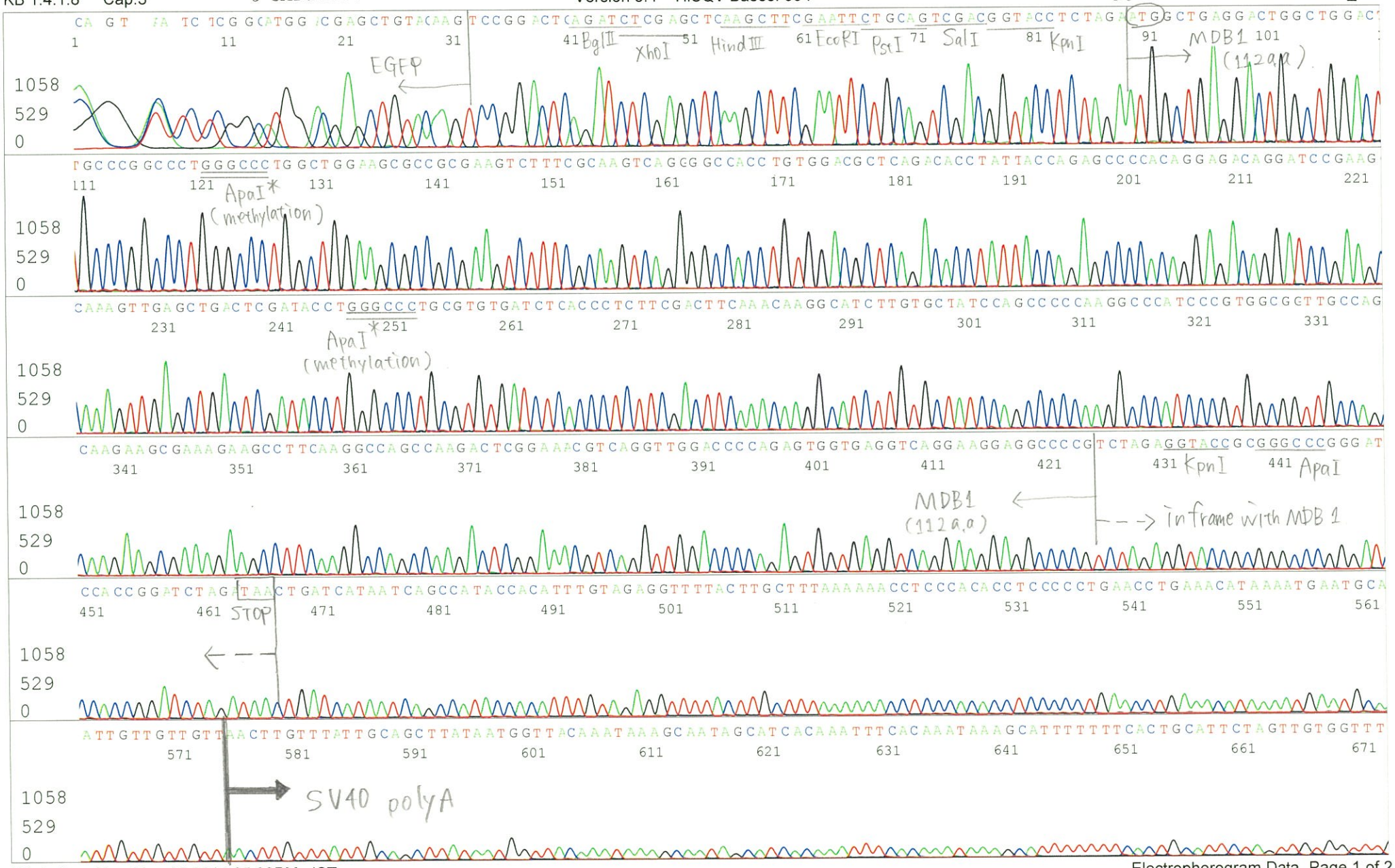
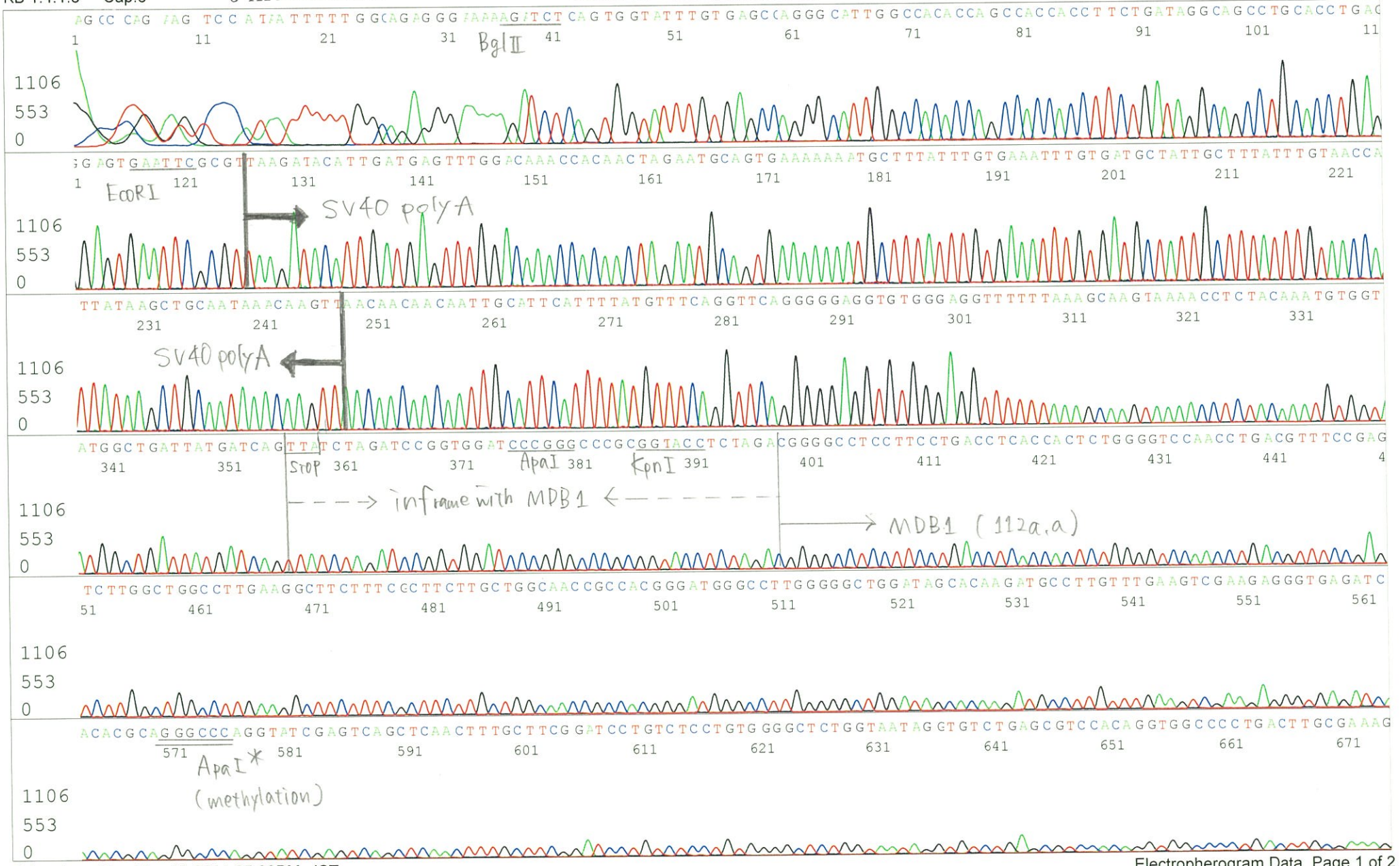
Plate Name: 140519_mix



Applied Biosystems

S/N G:119 A:110 T:82 C:74
KB.bcp
KB 1.4.1.8 Cap:6

Primer C : pCA-bgter
5'-ATTAGCCAGAAGTCAGATGCTC-3'

08344_08344_A4Ed_PCA-bgter_B03_06
08344_08344_A4Ed_PCA-bgter
KB_3500_POP7_BDTv3.mob
Pts 1459 to 13726 Pk1 Loc:1436
Version 5.4 HiSQV Bases: 1020

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