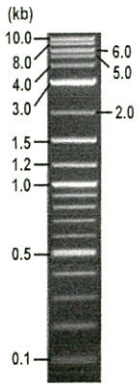
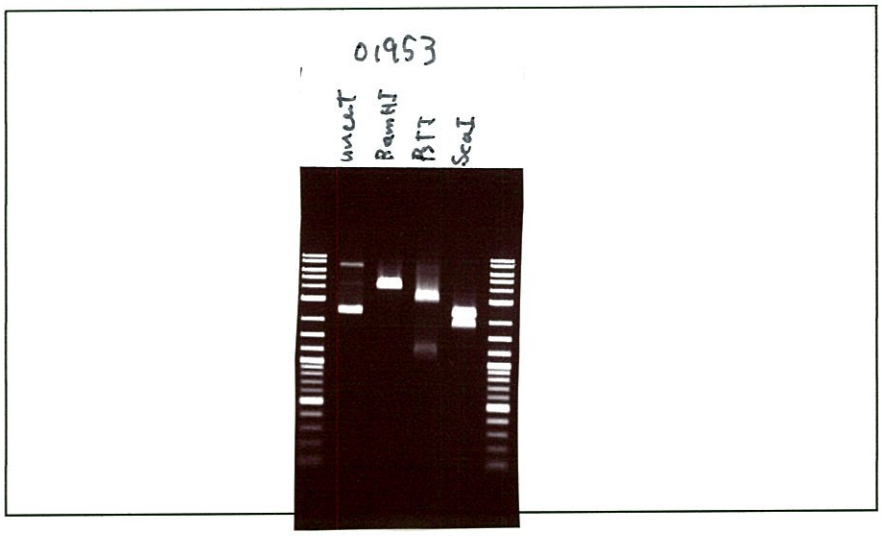
Gene Engineering Division
RIKEN BioResource Center

RIKEN DNA BANK clone name : pAMU10

- Clone ID : RDB _ 01953
- Lot : 13045 _ A4Lj
- 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 : 47 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
BamHI	:	4.6	kbp
PstI	:	3.3, 1.3	kbp
ScaI	:	2.5, 2.1	kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	ADHrev
Sequence - B	Amp_R
Sequence - C	URA3pro_F
Sequence - D	-

APPROVED BY : 確認 15.1.07 金藤

Applied Biosystems

S/N G:555 A:518 T:393 C:284 primer name A : ADH_rev
KB.bcp
KB 1.4.1.8 Cap:24 5'-CTATACCTGAGAAAGCAACCTGAC-3'

01953_13045_A4Lj_ADHrev_H09_24
01953_13045_A4Lj_ADHrev
KB_3500_POP7_BDTv3.mob
Pts 1484 to 13467 Pk1 Loc:1461
Version 5.4 HiSQV Bases: 1005

Inst Model/Name 3500/3500 Instrument
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Jan 06,2015 10:01AM, JST
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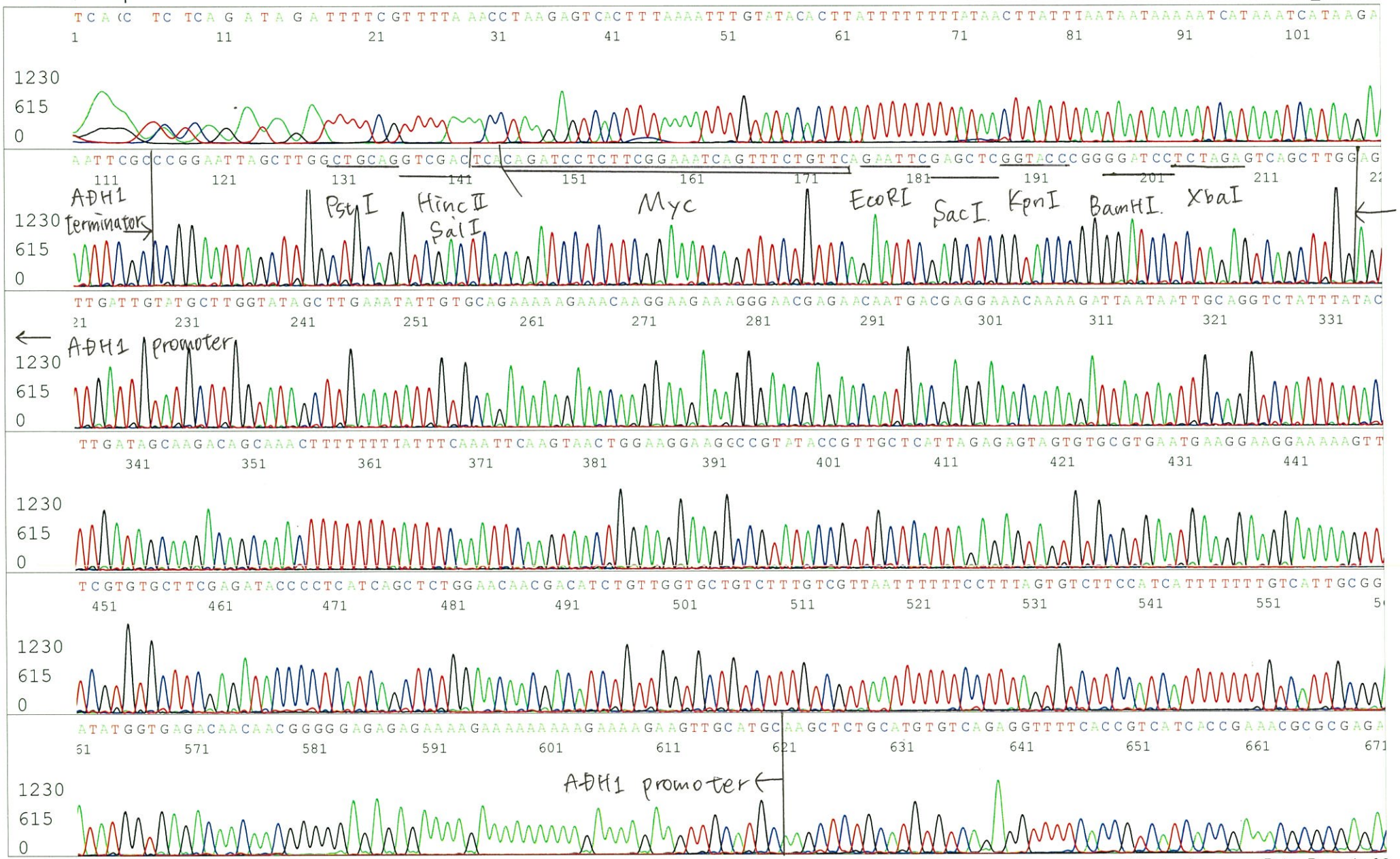
Plate Name: 20150106_dnabank



Applied Biosystems

S/N G:42 A:39 T:35 C:30
KB.bcp
KB 1.4.1.8 Cap:1

primer name B : Amp_R
5'-GCGACACGGAAATGTTGAATA-3'

01953_13045_A4Lj_Amp_R_A10_01
01953_13045_A4Lj_Amp_R
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Pts 1407 to 12964 Pk1 Loc:1384
Version 5.4 HiSQV Bases: 999

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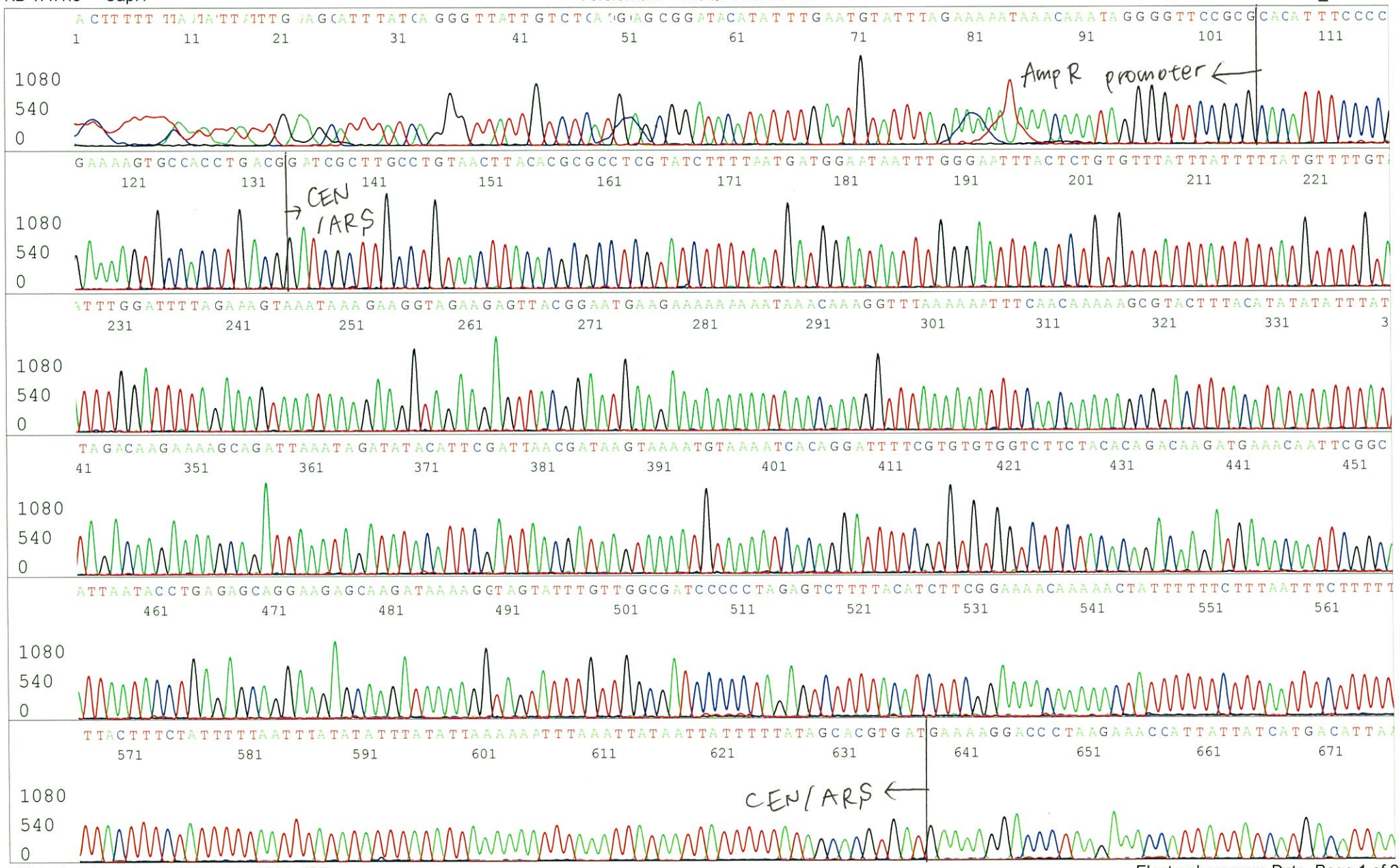

Applied Biosystems

S/N G:297 A:289 T:209 C:134 primer name : URA3pro_F
KB.bcp 5'-AAGGAGCACAGACTTAGATTGG-3'
KB 1.4.1.8 Cap:4

01953_13045_A4Lj_URA3pro_F_B10_04
01953_13045_A4Lj_URA3pro_F
KB_3500_POP7_BDTv3.mob
Pts 1392 to 13032 Pk1 Loc:1369
Version 5.4 HiSQV Bases: 1007

Inst Model/Name 3500/3500 Instrument
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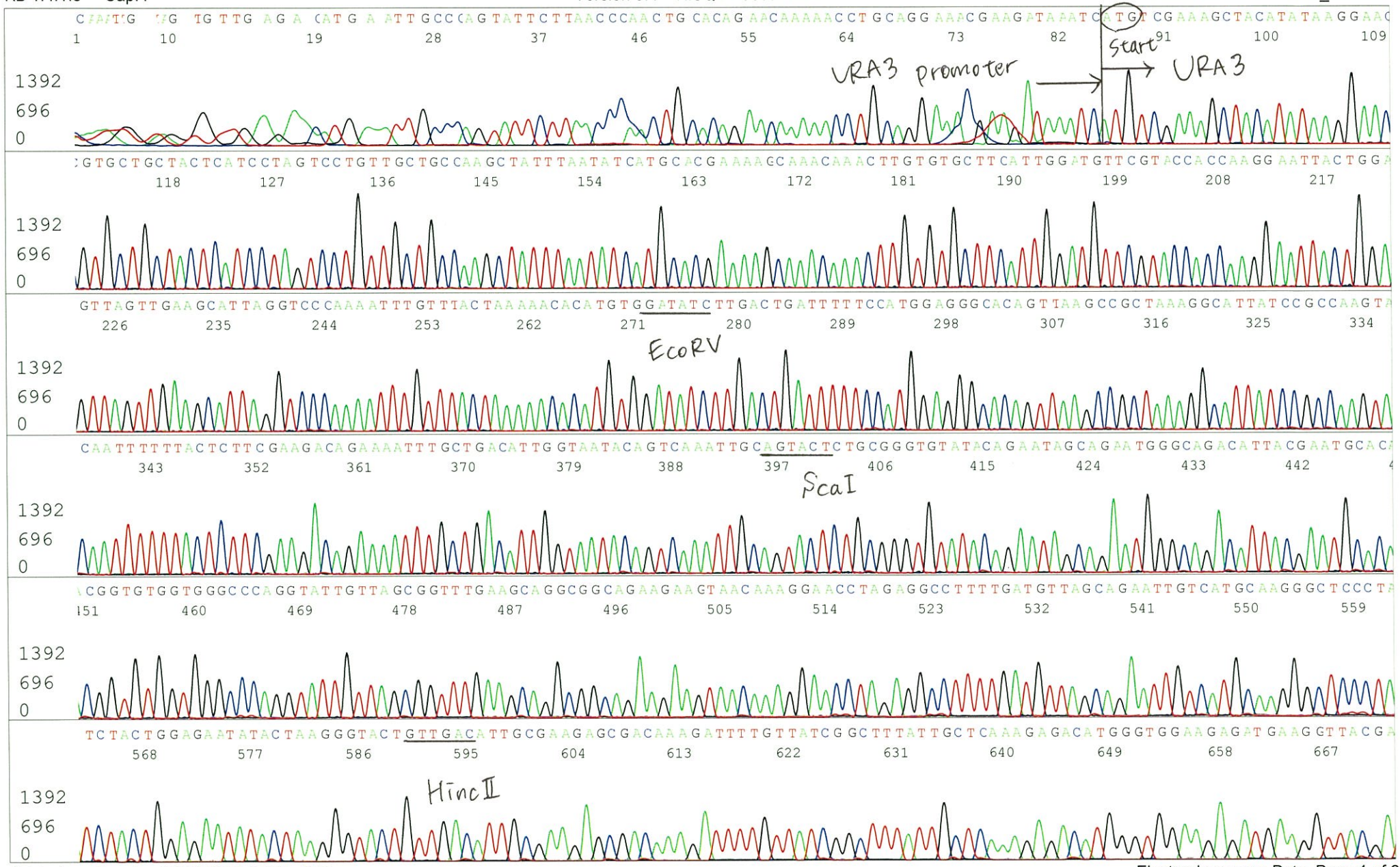
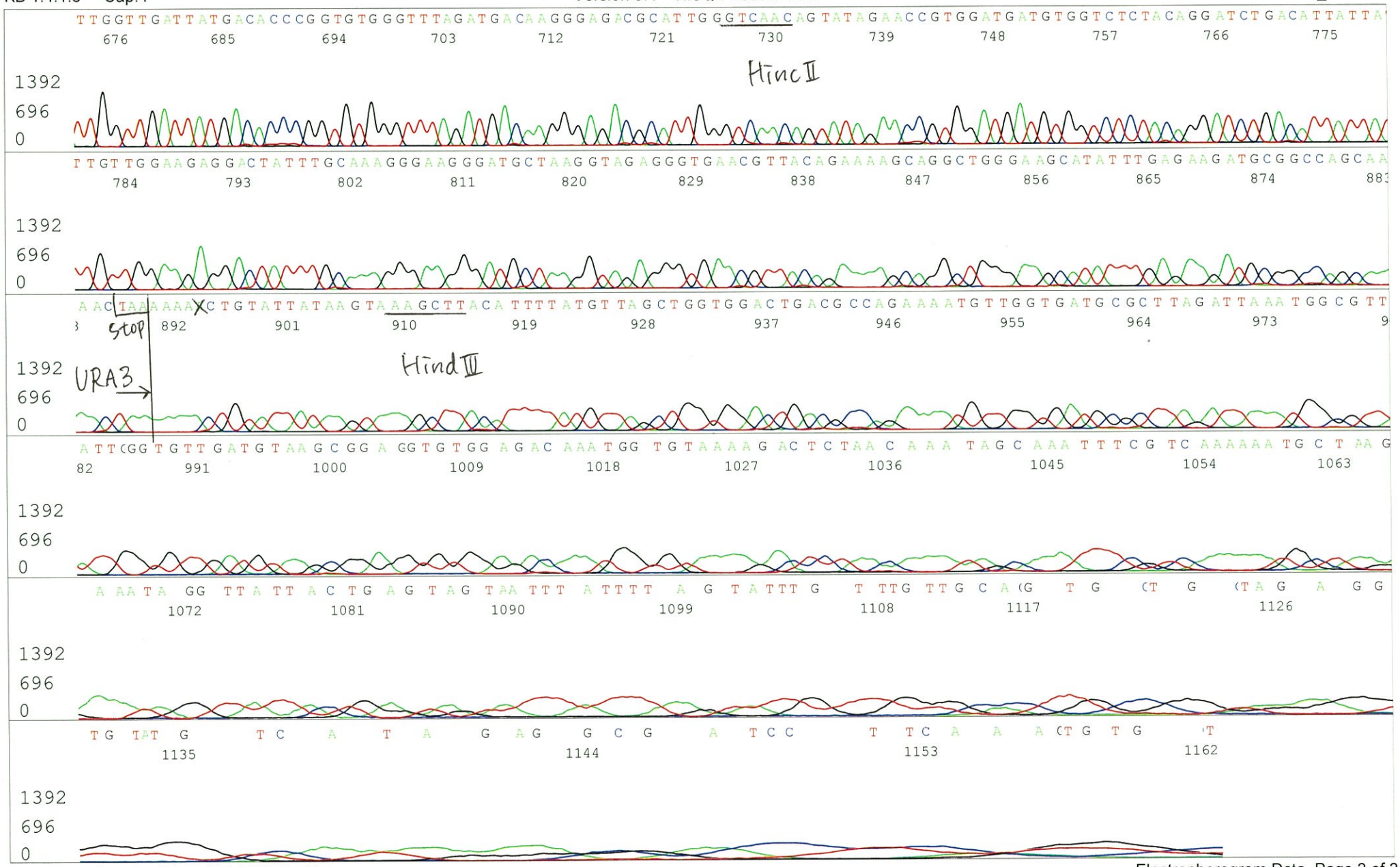


Applied Biosystems

S/N G:297 A:289 T:209 C:134
KB.bcp
KB 1.4.1.8 Cap:4

01953_13045_A4Lj_URA3pro_F_B10_04
01953_13045_A4Lj_URA3pro_F
KB_3500_POP7_BDTv3.mob
Pts 1392 to 13032 Pk1 Loc:1369
Version 5.4 HiSQV Bases: 1007

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