Gene Engineering Division
RIKEN BioResource Center

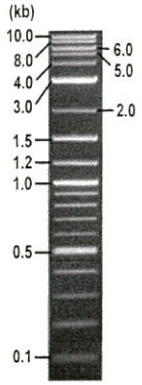
RIKEN DNA BANK

clone name : pGMT10

- Clone ID : RDB _ 01959
- Lot : 13046 _ 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	:	3.8, 0.8	kbp
XbaI	:	3.7, 0.9	kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	ADHrev
Sequence - B	Amp_R
Sequence - C	TRP1pro_F
Sequence - D	-

APPROVED BY : 確認 15.1.07 金藤

Applied Biosystems

S/N G:366 A:384 T:368 C:215 primer name A : ADH_rev
KB.bcp
KB 1.4.1.8 Cap:7

5'-CTATACCTGAGAAAGCAACCTGAC-3'

01959_13046_A4Lj_ADHrev_C10_07
01959_13046_A4Lj_ADHrev
KB_3500_POP7_BDTv3.mob
Pts 1376 to 12904 Pk1 Loc:1353
Version 5.4 HiSQV Bases: 994

Inst Model/Name 3500/3500 Instrument
Jan 06,2015 11:39AM, JST
Jan 06,2015 12:06PM, JST
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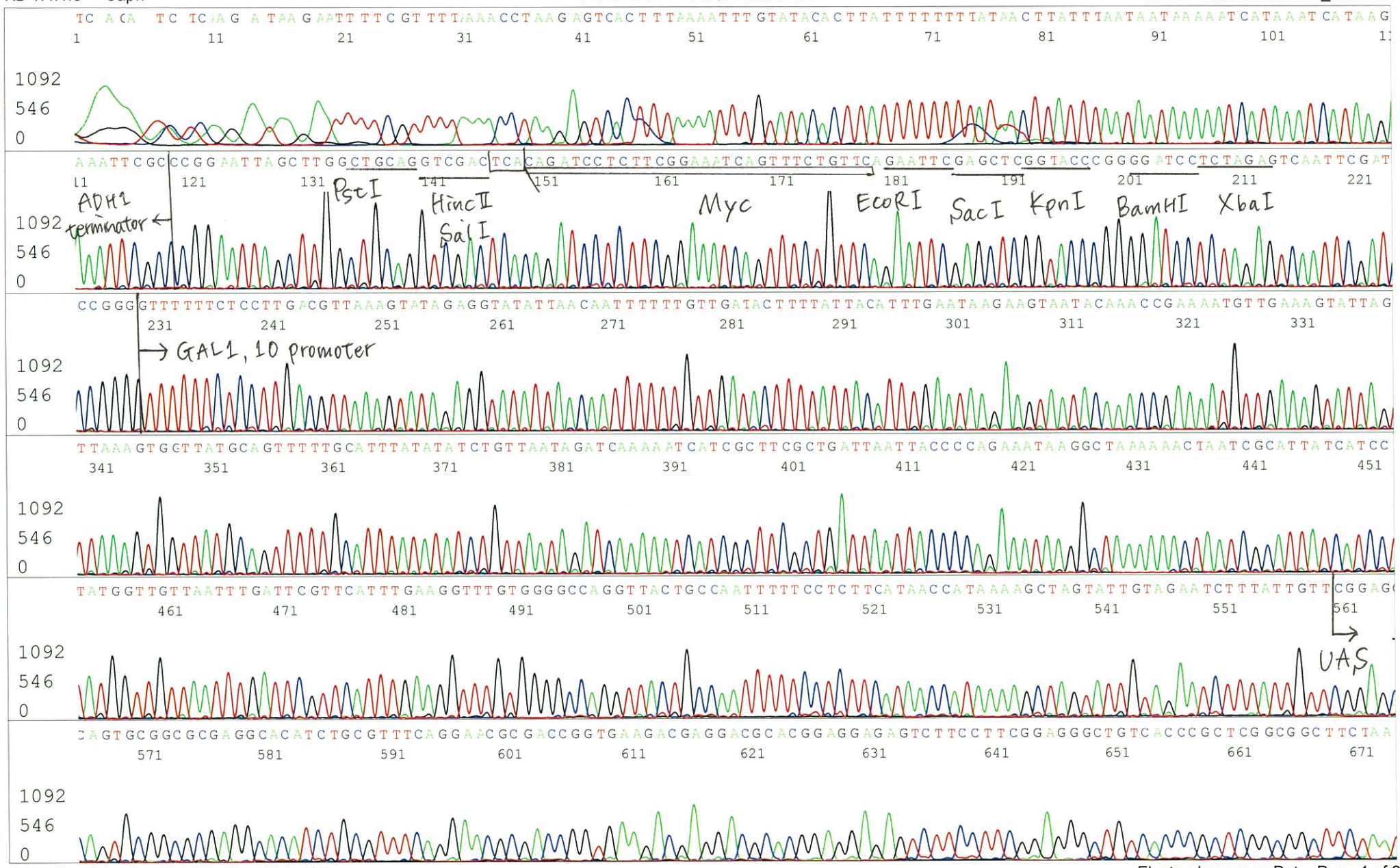

Applied Biosystems

S/N G:366 A:384 T:368 C:215
KB.bcp
KB 1.4.1.8 Cap:7

01959_13046_A4Lj_ADHrev_C10_07
01959_13046_A4Lj_ADHrev
KB_3500_POP7_BDTv3.mob
Pts 1376 to 12904 Pk1 Loc:1353
Version 5.4 HiSQV Bases: 994

Inst Model/Name 3500/3500 Instrument
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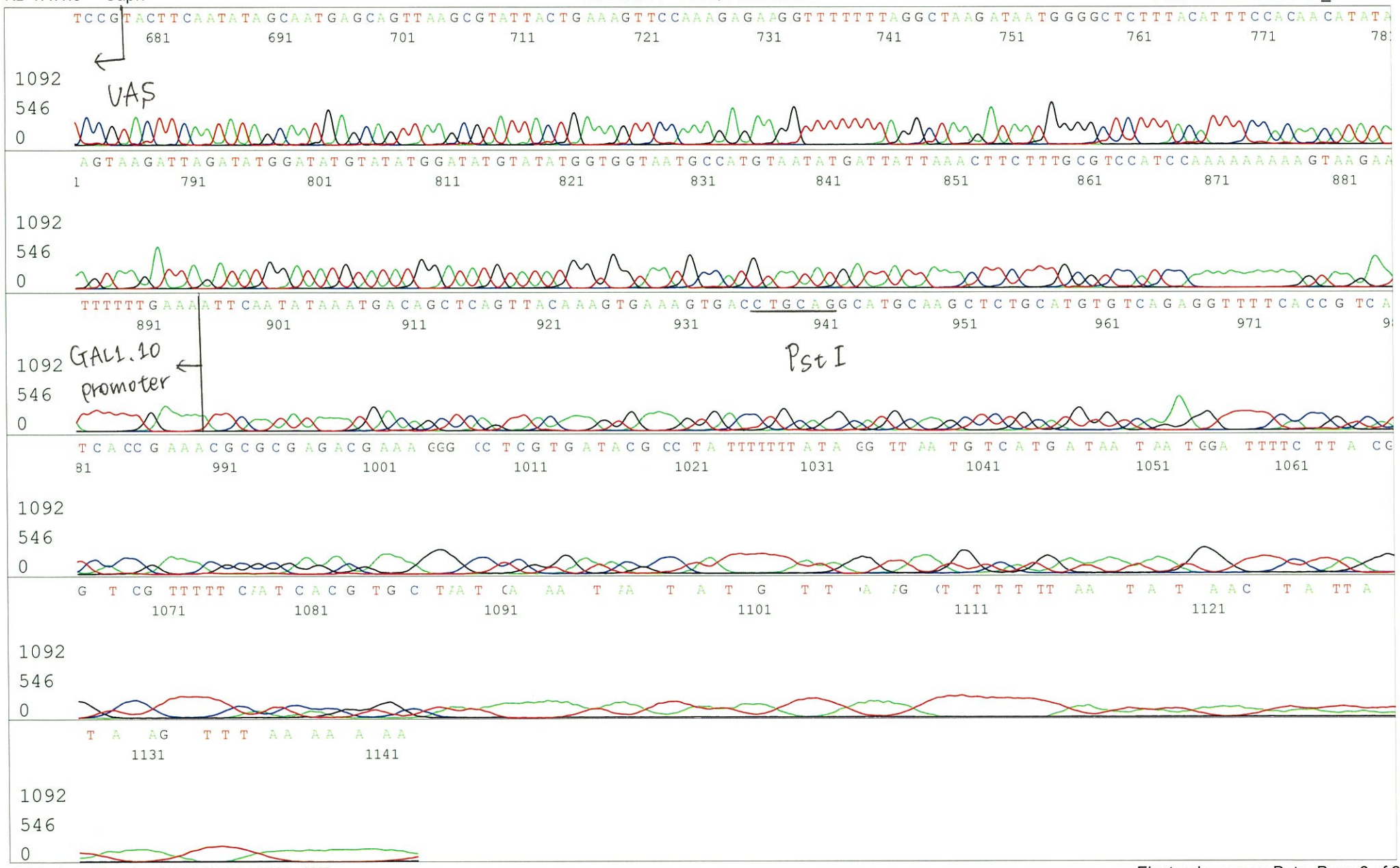
Jan 06,2015 12:06PM, JST
Spacing:11.35 Pts/Panel1350
Plate Name: 20150106_dnabank



Applied Biosystems

S/N G:127 A:146 T:114 C:68
KB.bcp
KB 1.4.1.8 Cap:10

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

01959_13046_A4Lj_Amp_R_D10_10
01959_13046_A4Lj_Amp_R
KB_3500_POP7_BDTv3.mob
Pts 1395 to 12908 Pk1 Loc:1372
Version 5.4 HiSQV Bases: 991

Inst Model/Name 3500/3500 Instrument
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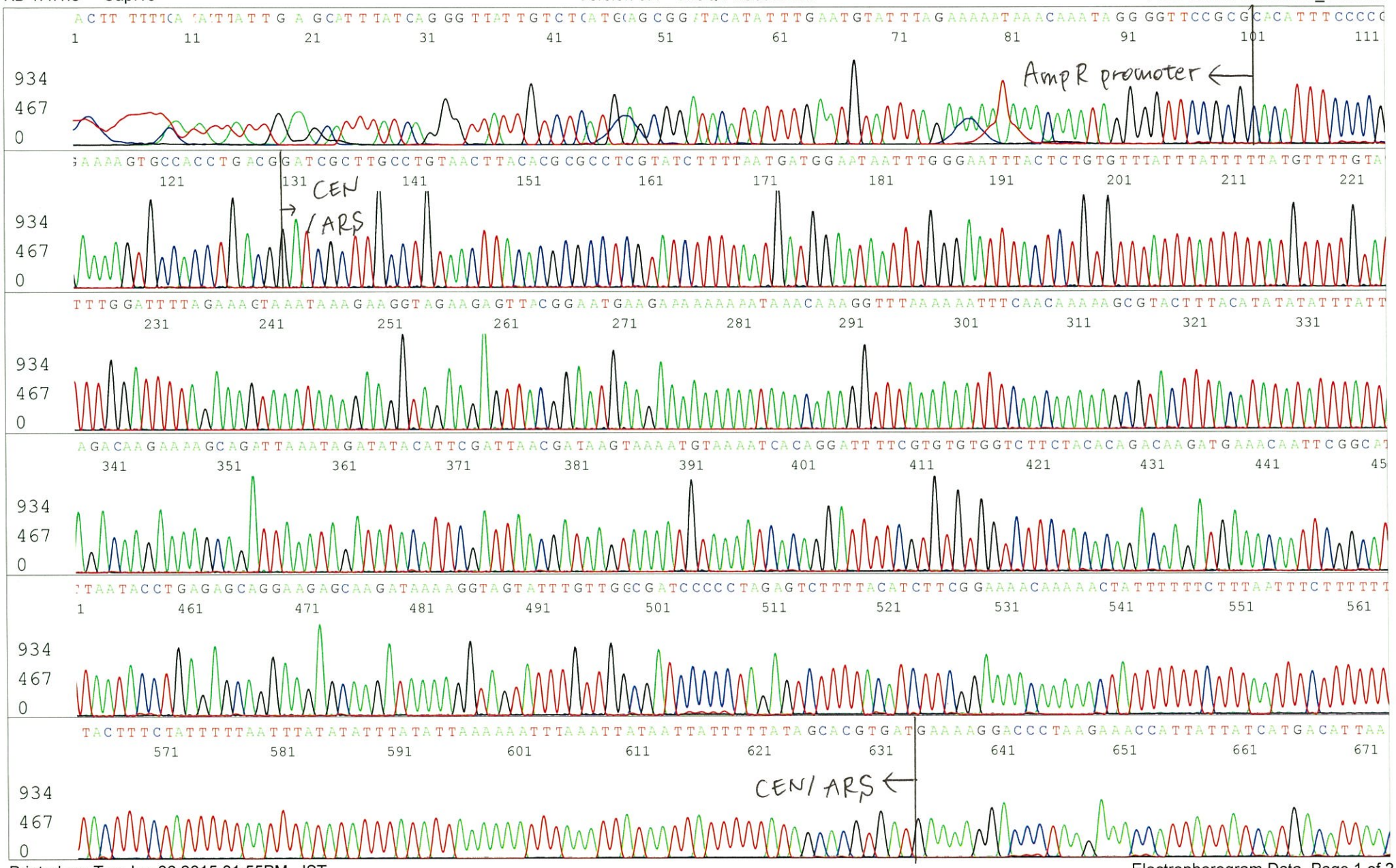
Plate Name: 20150106_dnabank



Applied Biosystems

S/N G:252 A:223 T:172 C:122
KB.bcp
KB 1.4.1.8 Cap:13

primer name C : TRP1pro_F
5'-AGGGCATTGGTGACTATTGAG-3'

01959_13046_A4Lj_TRP1pro_F_E10_13
01959_13046_A4Lj_TRP1pro_F
KB_3500_POP7_BDTv3.mob
Pts 1382 to 13005 Pk1 Loc:1359
Version 5.4 HiSQV Bases: 1011

Inst Model/Name 3500/3500 Instrument
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Spacing:11.42 Pts/Panel1350
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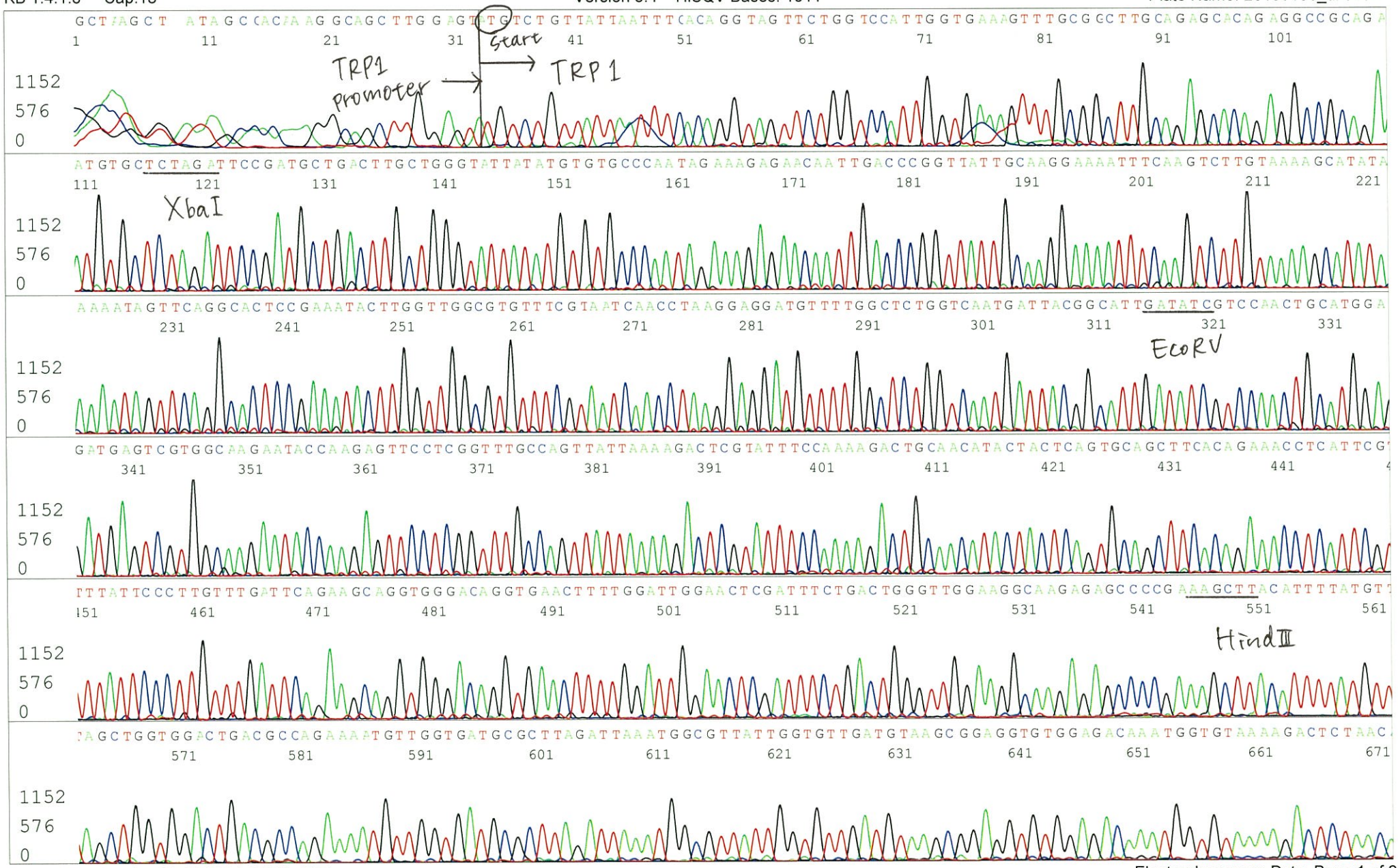

Applied Biosystems

S/N G:252 A:223 T:172 C:122
KB.bcp
KB 1.4.1.8 Cap:13

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01959_13046_A4Lj_TRP1pro_F
KB_3500_POP7_BDTv3.mob
Pts 1382 to 13005 Pk1 Loc:1359
Version 5.4 HiSQV Bases: 1011

Inst Model/Name 3500/3500 Instrument
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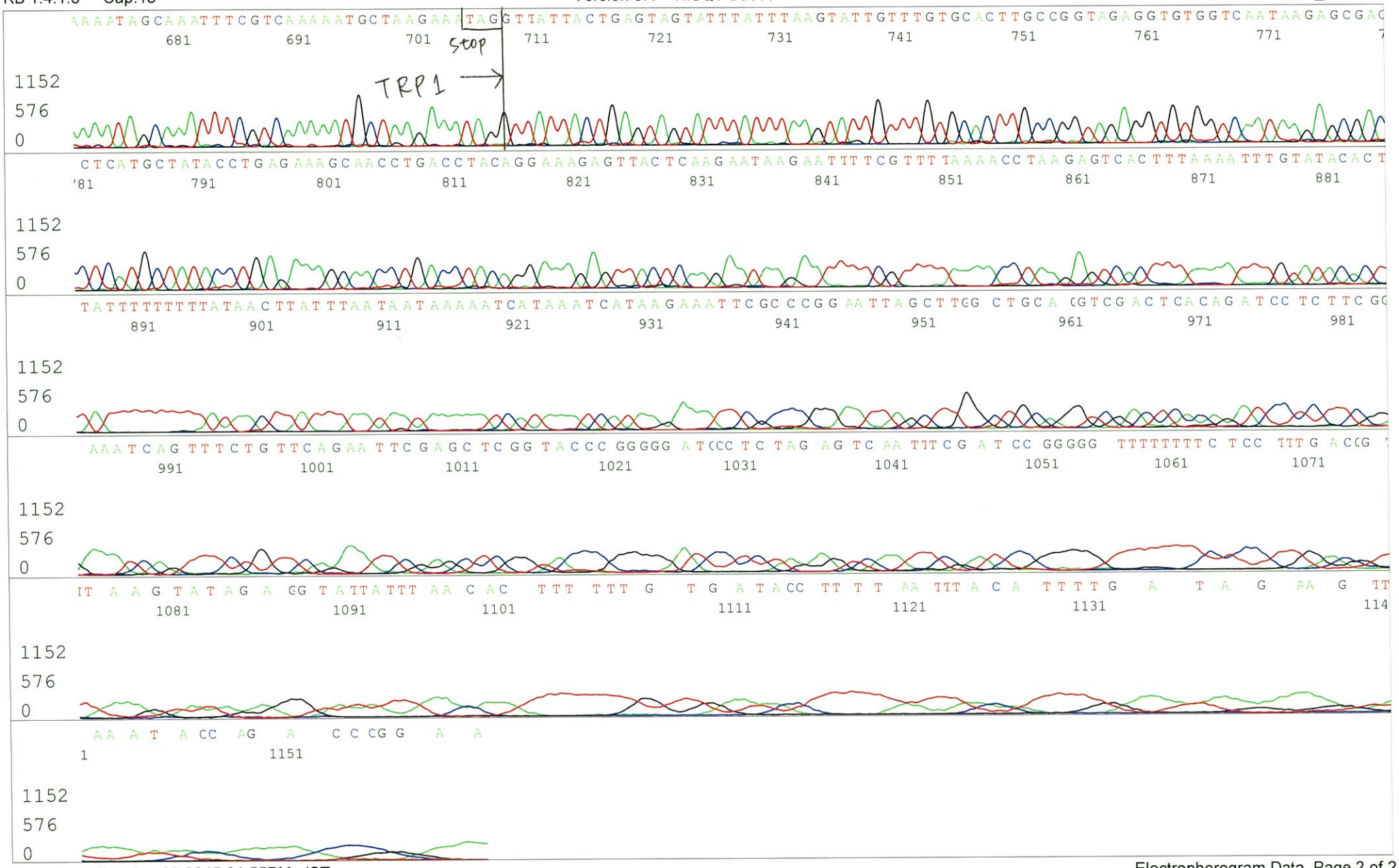

Printed on: Tue Jan 06,2015 01:55PM, JST