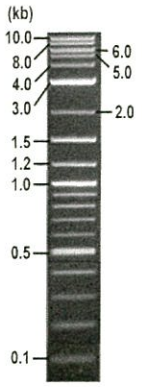
Gene Engineering Division
RIKEN BioResource Center

RIKEN DNA BANK

clone name : pGMH10

- Clone ID : RDB _ 01955
- Lot : 13033 _ A4L8
- 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 : 41 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
BamHI	:	4.8	kbp
PstI	:	4.0, 0.8	kbp
	:		kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	ADHrev
Sequence - B	HIS3pro_F
Sequence - C	Amp_R
Sequence - D	-

APPROVED BY : 確認 14.12.17 金藤

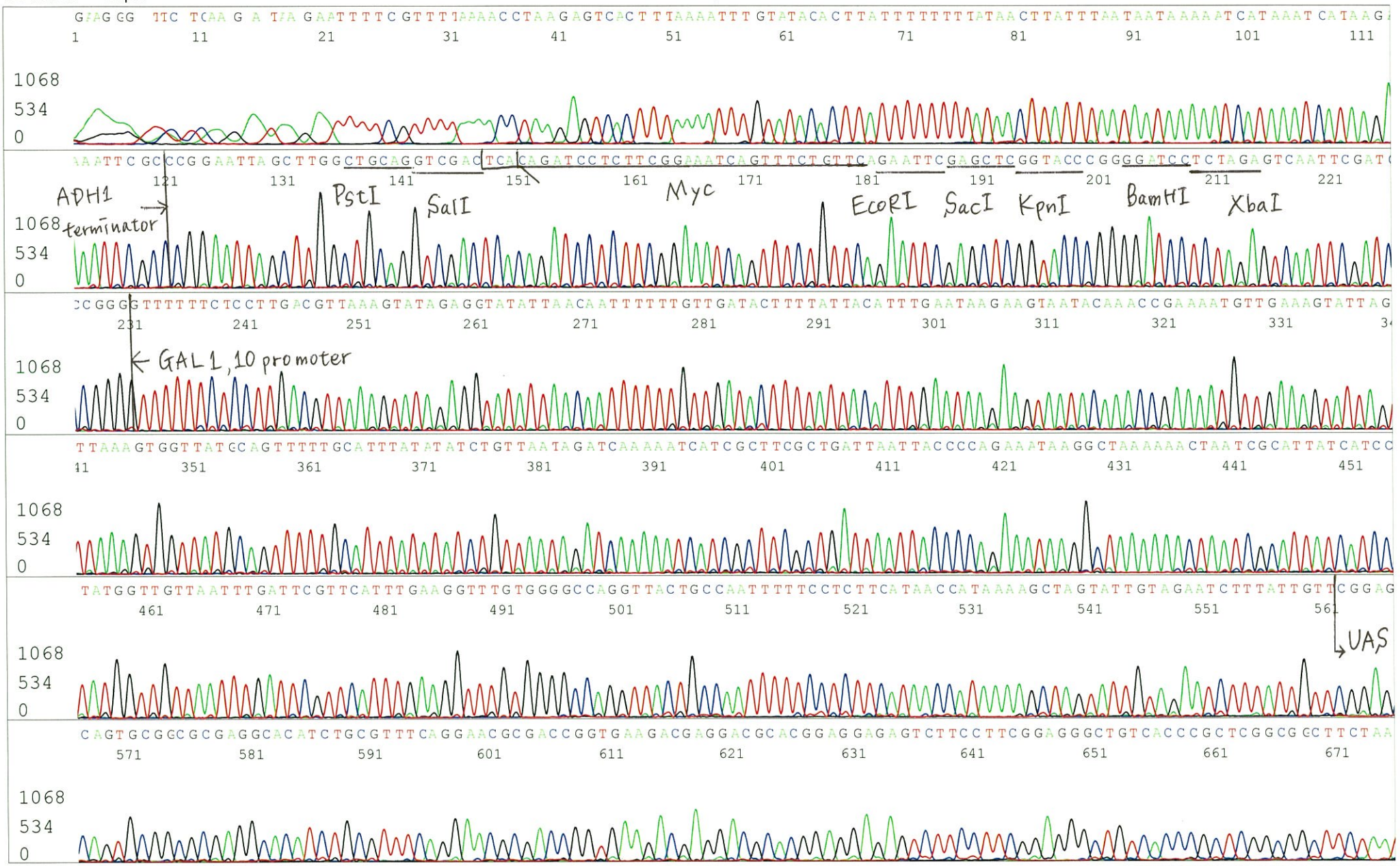
Applied Biosystems

S/N G:130 A:187 T:158 C:119 primer name A : ADH rev
KB.bcp
KB 1.4.1.8 Cap:1

5'-CTATACCTGAGAAAGCAACCTGAC-3'

01955_13033_A4L8_ADHrev_A04_01
01955_13033_A4L8_ADHrev
KB_3500_POP7_BDTv3.mob
Pts 1366 to 13492 Pk1 Loc:1343
Version 5.4 HiSQV Bases: 1011

Inst Model/Name 3500/3500 Instrument
Dec 17,2014 03:42PM, JST
Dec 17,2014 04:09PM, JST
Spacing:11.86 Pts/Panel1350
Plate Name: 20141217-dnabank



Applied Biosystems

S/N G:130 A:187 T:158 C:119
KB.bcp
KB 1.4.1.8 Cap:1

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01955_13033_A4L8_ADHrev
KB_3500_POP7_BDTv3.mob
Pts 1366 to 13492 Pk1 Loc:1343
Version 5.4 HiSQV Bases: 1011

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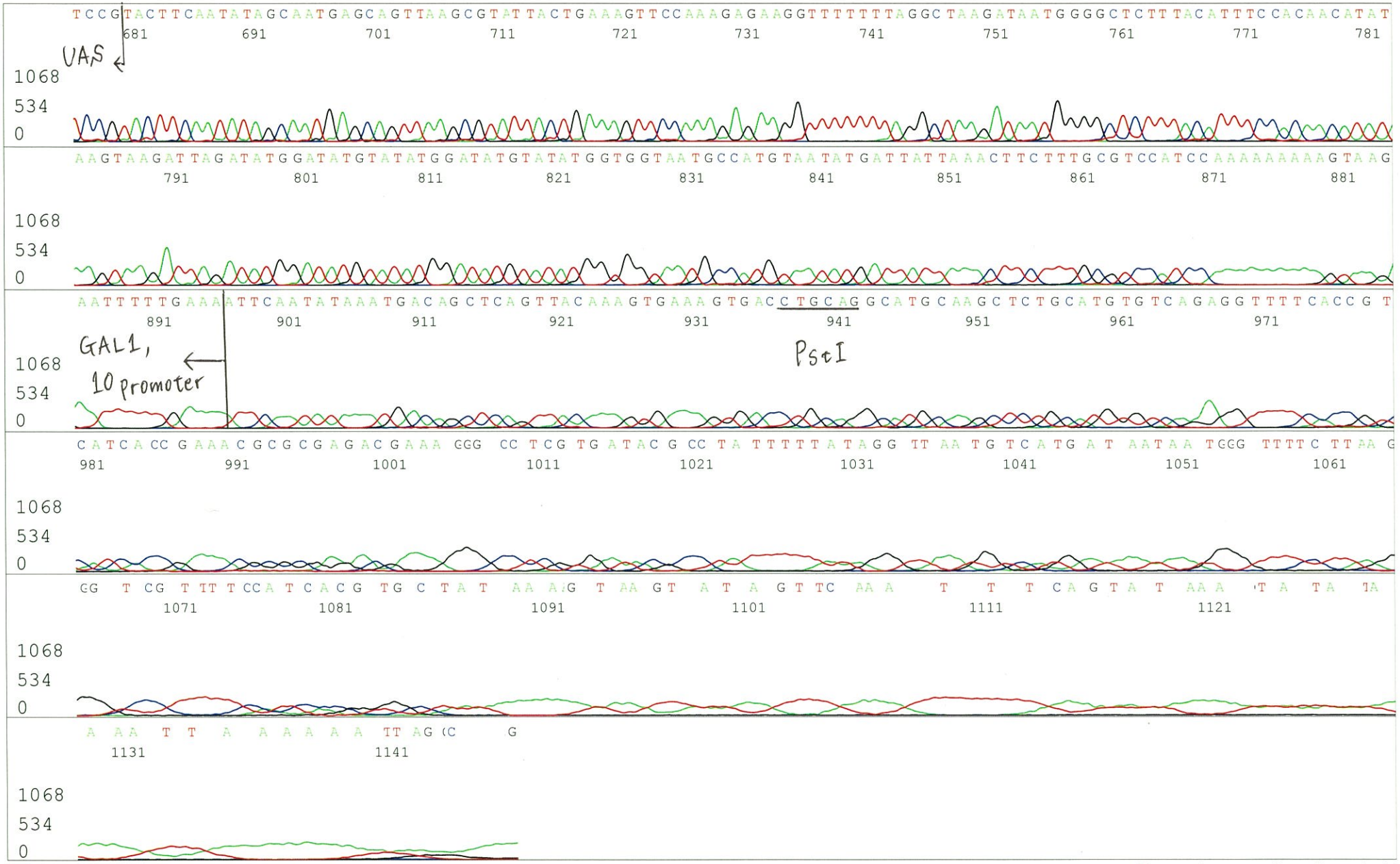

Applied Biosystems

S/N G:324 A:420 T:276 C:302 primer name B : HIS3pro_F
KB.bcp
KB 1.4.1.8 Cap:4

5'-CTTTTTTTTTCTTAGCGATTGGC-3'

01955_13033_A4L8_HIS3pro_F_B04_04
01955_13033_A4L8_HIS3pro_F
KB_3500_POP7_BDTv3.mob
Pts 1383 to 13501 Pk1 Loc:1360
Version 5.4 HiSQV Bases: 1015

Inst Model/Name 3500/3500 Instrument
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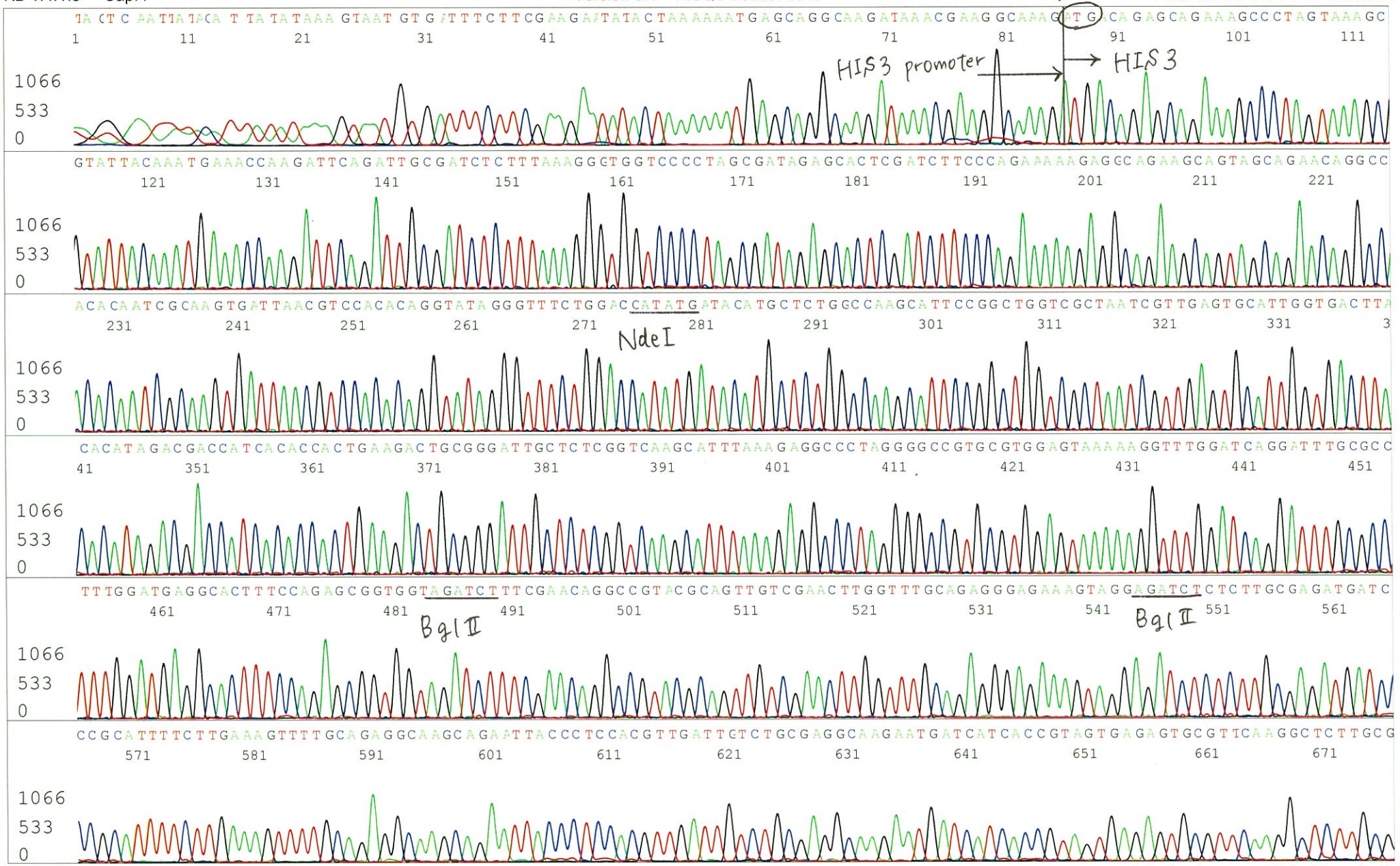
Spacing:11.8 Pts/Panel1350
Plate Name: 20141217-dnabank



Applied Biosystems

S/N G:324 A:420 T:276 C:302
KB.bcp
KB 1.4.1.8 Cap:4

01955_13033_A4L8_HIS3pro_F_B04_04
01955_13033_A4L8_HIS3pro_F
KB_3500_POP7_BDTv3.mob
Pts 1383 to 13501 Pk1 Loc:1360
Version 5.4 HiSQV Bases: 1015

Inst Model/Name 3500/3500 Instrument
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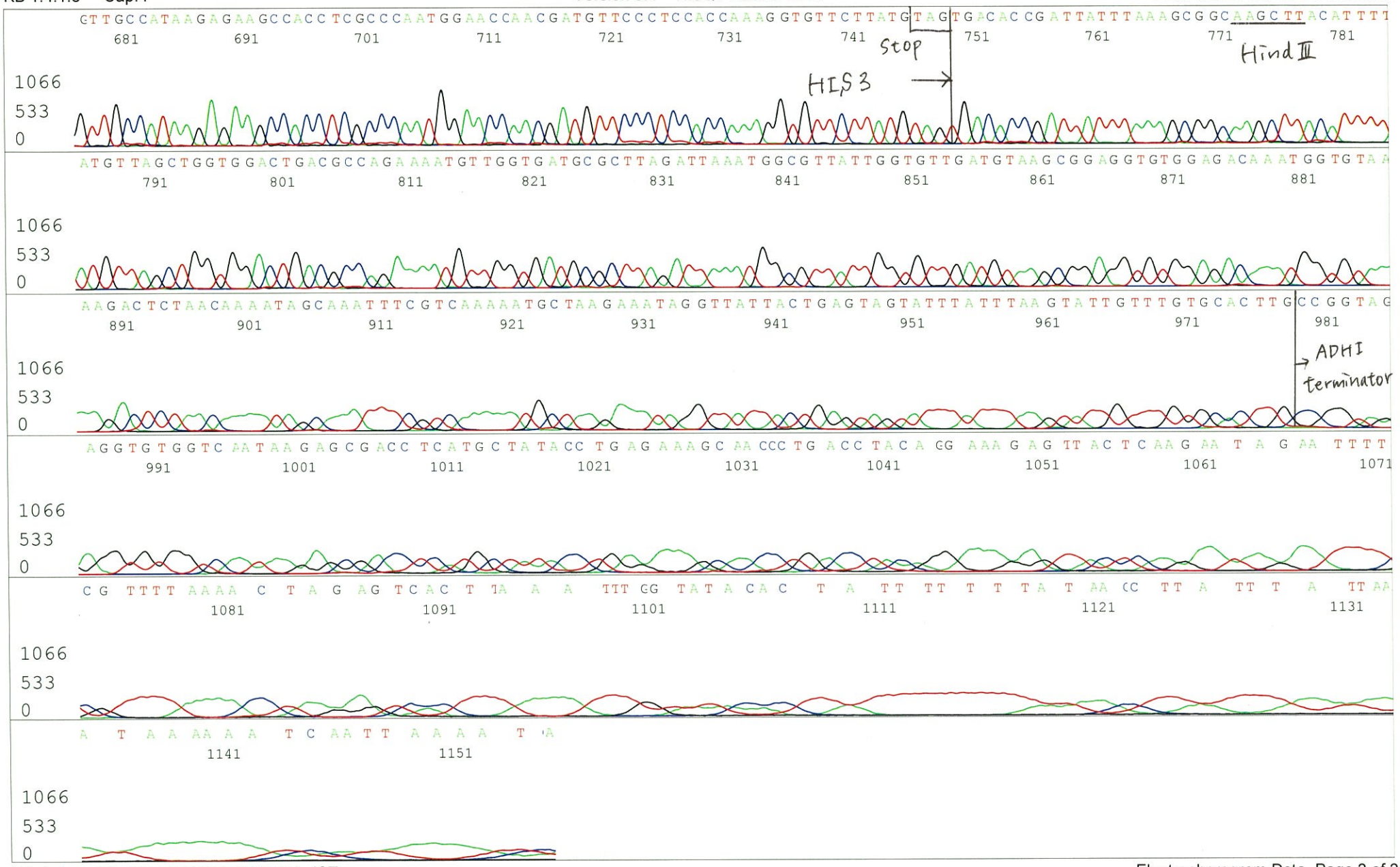
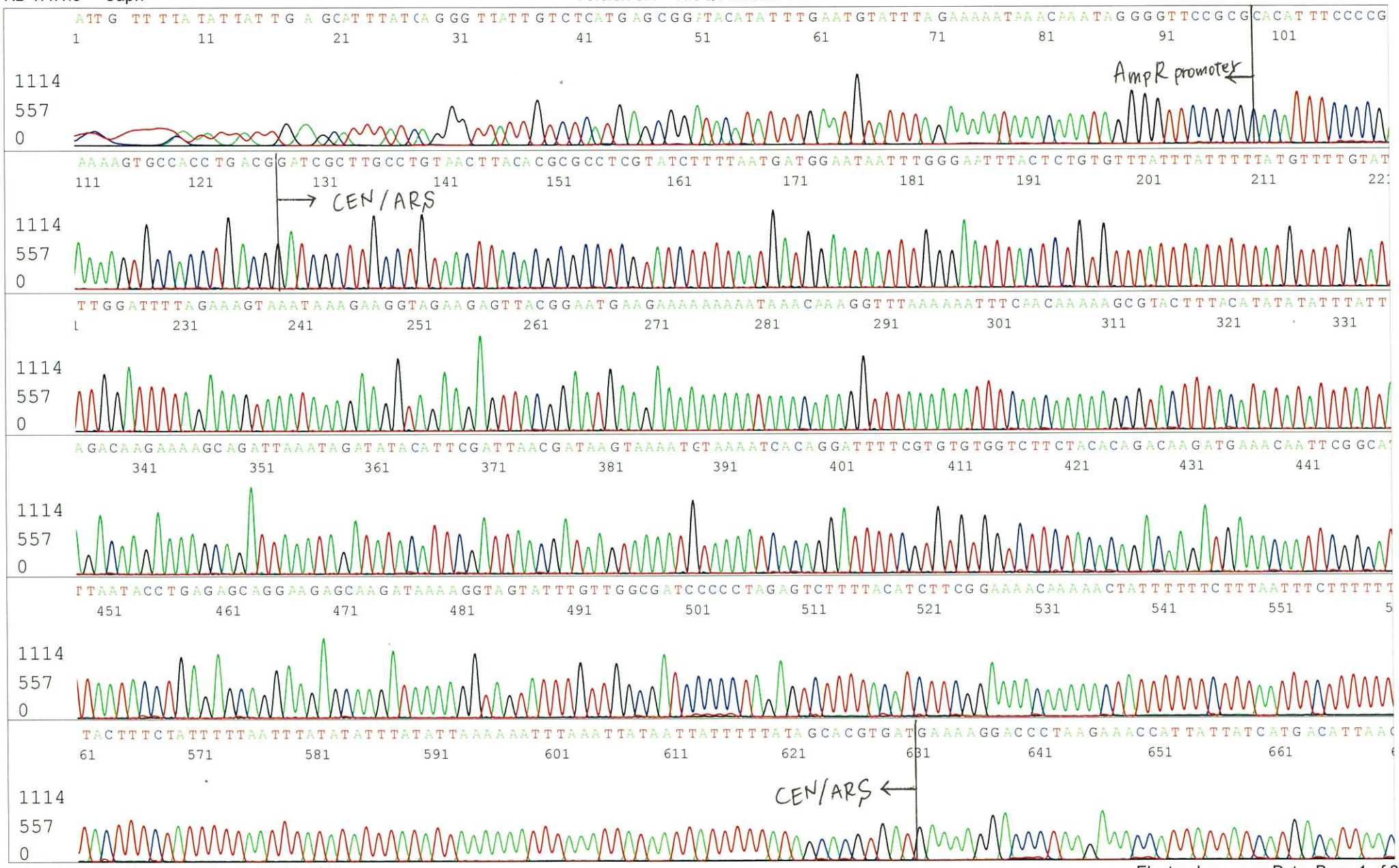
Dec 17,2014 04:09PM, JST
Spacing:11.8 Pts/Panel1350
Plate Name: 20141217-dnabank



Applied Biosystems

S/N G:307 A:547 T:421 C:342
KB.bcp
KB 1.4.1.8 Cap:7

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

01955_13033_A4L8_Amp_R_C04_07
01955_13033_A4L8_Amp_R
KB_3500_POP7_BDTv3.mob
Pts 1373 to 13382 Pk1 Loc:1350
Version 5.4 HiSQV Bases: 1004

Inst Model/Name 3500/3500 Instrument
Dec 17,2014 03:42PM, JST
Dec 17,2014 04:09PM, JST
Spacing:11.65 Pts/Panel1350
Plate Name: 20141217-dnabank