

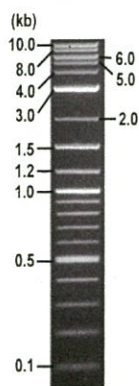


RIKEN DNA BANK

clone name : mCherry-hCdt1(30/120)/ pCSII-EF

- Clone ID : RDB_ 15273
- Lot : 15273_ A7H3
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : NEB stable
- Culture : LB medium
- Antibiotics : 100 microgram/ml Ampicillin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

1 kb Plus DNA Ladder
(NEB#N3200L),
250 ng/well



Electrophoresis : 200 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment	
<u>EcoRI</u>	<u>10.1</u>	kbp
<u>XhoI</u>	<u>9.4, 0.7</u>	kbp
<u>NcoI</u>	<u>3.4, 3.2, 1.8, 1.0, 0.4, 0.2</u>	kbp
		kbp

● Confirmation of the insertion sequence

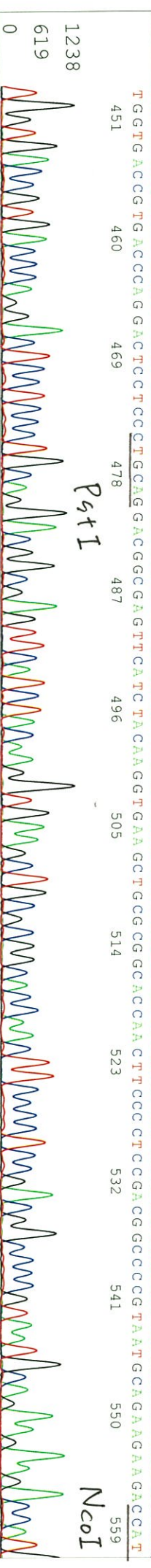
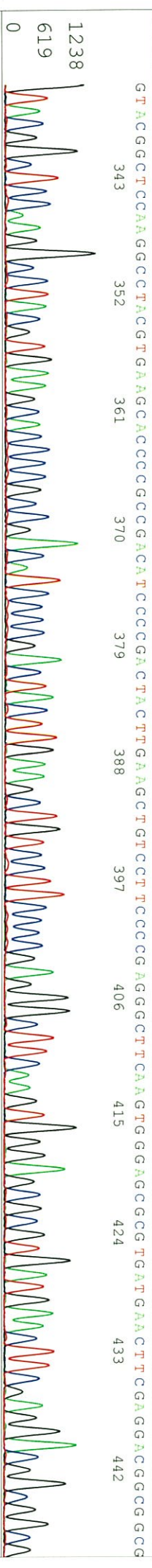
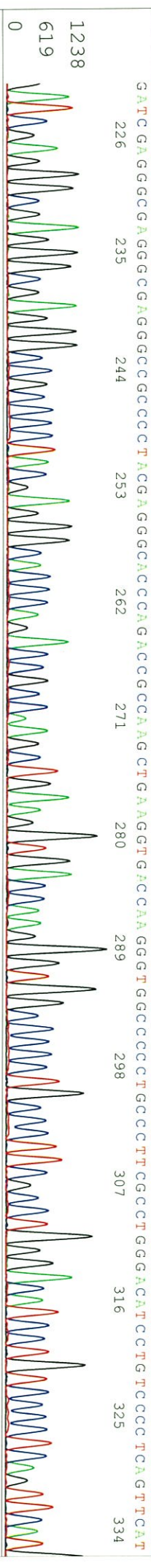
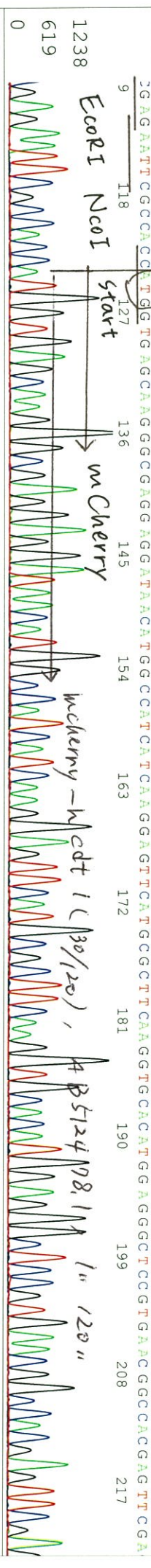
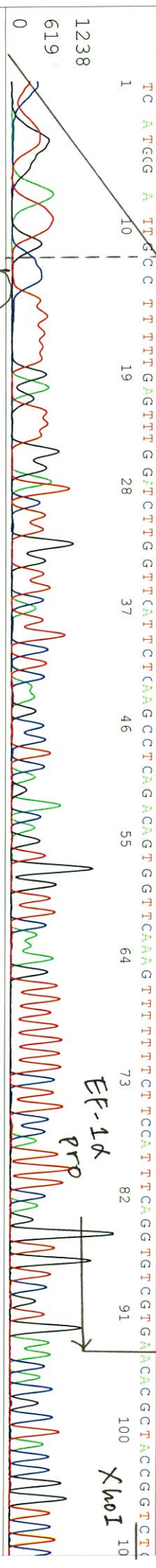
Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0168	EF1a-C_F	EF-1alpha pro, insert5'
Sequence - B	Pr0250	PRE_rev	PRE, insert3'
Sequence - C	Pr0016	CMV_Forward	CMV pro, 5'LTR, HIV-1psi
Sequence - D	Pr0606	BGH_rev2	bGH p(A), 3'LTR, PRE
Sequence - E	Pr0110	SV40pro_F	SV40pro_ori, Zeo, SV40 p(A)
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



S/N G:148 A:187 T:113 C:184 primer name **A** : EF1a-C_F
 KB.bop KB_3500_POP7_BDTV3.mob Pts 1481 to 13815 Pk1 Loc:1458
 KB 1.4:1.8 Cap:19 5'-AGTTAGCCAGCCTGGCACCTTGATG-3' Version 6.0 HiSeqV Bases: 1024
 Spacing: 12.17 Pts/Panel1350
 Plate Name: 20170822_dnabank



S/N G:148 A:187 T:113 C:184

KB.bcp

D0449814_2_A7H3_EF1a-C_F

Aug 22, 2017 09:26AM, JST

KB 1.4.1.8 Cap:19

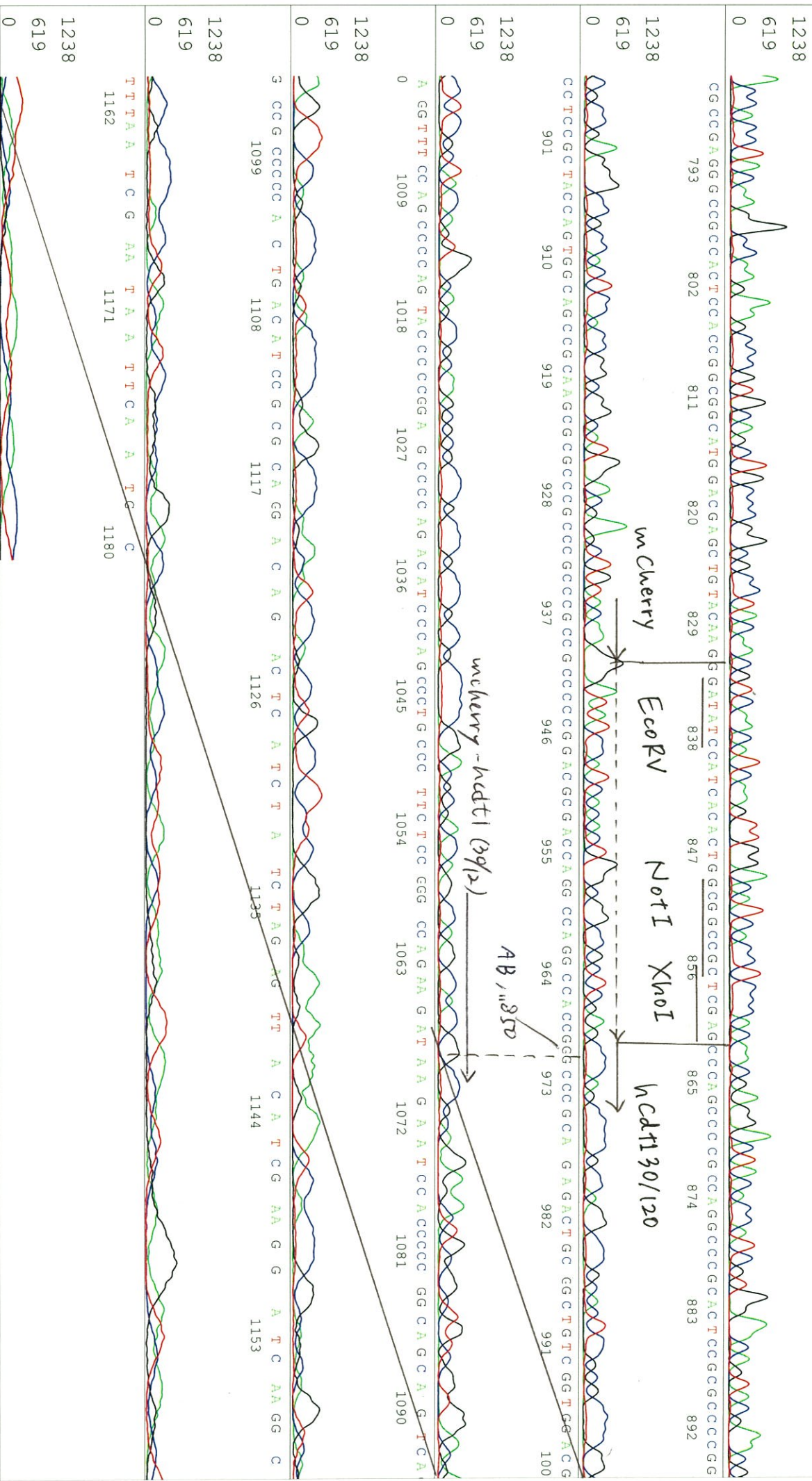
KB_3500_POP7_BDTV3.mob

Aug 22, 2017 09:54AM, JST

Pls 1481 to 13815 Pk1 Loc:1458

Version 6.0 HiSQV Bases: 1024

Plate Name: 20170822_dhbank



S/N G:281 A:177 T:192 C:224

primer name β : PRE_rev

KB_3500_POP7_BDTV3.mob

Aug 22, 2017 09:26AM, JST

KB.bcp

5'-AGCAATAGCATGATACAAAGGC-3'

Pts 1436 to 13683 Pk1 Loc: 1413

Aug 22, 2017 09:54AM, JST

KB 1.4.1.8 Cap:20

Version 6.0 HiSQV Bases: 979

Spacing: 12.27 Pts/Panel1350
Plate Name: 20170822_dnabank

PRE
ClalI
HindIII

1 ACCG C ATTC PCA TAG C G T T A A G G A G C A C C A T A G T T A A G A A T T C C A G T C A A T C T T C A C A A A T T T T G T A A T C C A G A G G T T G A T T A T C G A T A A G C T T G A T C C C T C G A T G T T A A C T

XbaI
5' stop
hcdt1 30/120
mCherry (30/120), A B5124781, "1014

2 C T A G A T T A G A T G G T G T C T G T C C T G C C T G C C G G A T G T C A G G T G G G G C G G G T G A C C T G C T G C C G G G T G G T G A T T C T T A T C T T C T G G C C C G A G A G G C C A G C T G G G A T G T C T

3 G G C C T C C G G G G G T A C T G G G G C T G G A A C C T C C T C C A C C G A C A C C C G C A G T C C T C C T G C G G C C G G T G G C C T G G T C C G C G T C C G G G G C C G C G G C C G C C T T C

4 C G C T G C C A C T G T A G C C G G A G G C C G C C G G G G G C C G C C G G A G T G C G G G C C T G C C A G C C G C C G C C G C C T G C G A G C C G C C G C C T G T A C A G C T C C T T G T A C A G C T C C T T G A T C T C G C C T T C A G G C C C T T C A G G C C G C C T C C T C G G G T A C A T C C G C

5 G A G T G G C G C C C T C G G C C G C C T C G T A C T T C C A C G A T G G T G T A G T C C C T T G T G G G A G G T G T C C A A C T T G A T G T T G A C G T T G T A G C G T T G T A G G C C C G C C T C C T C G G G G T A C A T C C G C

6 T T C T T G G C C T T G T A G G T G G T C T T G A C C T C A G C G T C G T A G T G C C C G C C T C C T T C A G C C T T C A G C C T C T G C T T G A T C T C G C C T T C A G G C C G C C T C C T C G G G G T A C A T C C G C

7 G G A G T G G C G C C C T C G G C C G C C T C G T A C T T C C A C G A T G G T G T A G T C C C T T G T G G G A G G T G T C C A A C T T G A T G T T G A C G T T G T A G G C C C G C C G C C T C C T C G G G G T A C A T C C G C

8 T T C T T G G C C T T G T A G G T G G T C T T G A C C T C A G C G T C G T A G T G C C C G C C T C C T T C A G C C T T C A G C C T T C A G C C T T C A G G C C C G C C T C C T C G G G G T A C A T C C G C

9 G G A G T G G C G C C C T C G G C C G C C T C G T A C T T C C A C G A T G G T G T A G T C C C T T G T G G G A G G T G T C C A A C T T G A T G T T G A C G T T G T A G G C C C G C C G C C T C C T C G G G G T A C A T C C G C

10 T T C T T G G C C T T G T A G G T G G T C T T G A C C T C A G C G T C G T A G T G C C C G C C T C C T T C A G C C T T C A G C C T T C A G C C T T C A G G C C C G C C T C C T C G G G G T A C A T C C G C

11 G G A G T G G C G C C C T C G G C C G C C T C G T A C T T C C A C G A T G G T G T A G T C C C T T G T G G G A G G T G T C C A A C T T G A T G T T G A C G T T G T A G G C C C G C C G C C T C C T C G G G G T A C A T C C G C

12 T T C T T G G C C T T G T A G G T G G T C T T G A C C T C A G C G T C G T A G T G C C C G C C T C C T T C A G C C T T C A G C C T T C A G G C C C G C C T C C T C G G G G T A C A T C C G C

13 G G A G T G G C G C C C T C G G C C G C C T C G T A C T T C C A C G A T G G T G T A G T C C C T T G T G G G A G G T G T C C A A C T T G A T G T T G A C G T T G T A G G C C C G C C G C C T C C T C G G G G T A C A T C C G C

14 T T C T T G G C C T T G T A G G T G G T C T T G A C C T C A G C G T C G T A G T G C C C G C C T C C T T C A G C C T T C A G C C T T C A G G C C C G C C T C C T C G G G G T A C A T C C G C

S/N G:281 A:177 T:192 C:224

D0449814-2_A7H3_PRE_rev

KB_3500_POP7_BDTV3.mob

Pts 1436 to 13683 Pk1 Loc: 1413

Version 6.0 HISQV Bases: 979

Plate Name: 20170822_dtabank

KB 1.4.1.8 Cap:20

T C G G A G G A G G C C C T C C C A G C C C A T G G T C T T C T T C T G C A T T A C G G G G C C C G T C G G A G G G A A G T T G G T G C C C G C C G C A G C C T T C A C C T T G T A G A T G A A C T C G C C G T C C C T G C A G G A

NcoI

Ps1

676 685 694 703 712 721 730 739 748 757 766 775 784
1 G G A G T C C T G G G G T C A C G G T C A C C A C G C C G C C G T C C T C G A A G T T C A T C A C C G C G C T C C C A C T T G A A G C C C T C G G G G A A G A C A G C T T C A A G T A G T C G G G A T G T C G G C G G

12 3 G T G C T T C A C G T A G G C C T T G G A G C C G T A C A T G A A C T G A G G G A C A G G A T G T C C C A G G C G A A G C G G C A G G G C C A C C C T T G G T C A C C T T C A G C T T G G G T C

AB, 2021

in Cherry + dt (30/100) in Cherry

1000 T G G G T G C C C T C G T A G G G C G G G C C C T C G C T C G C C C T C G A T C T C G A A C T C G T G G C C G T T C A C G G A G C C T C C A T G T G C A C A C C T T T G A A G C

1090 3 C A T G G A A C T C C A T G G A T G A T G G G C C A T G G T A T C T T C C T C G C C C T T G C T C A C C A T G T G T G G C G A T T C T C T

1153 C G G A A C C G T A G C G A T G T C A C A C G G A A C G G A A C A C A C A T G C C G

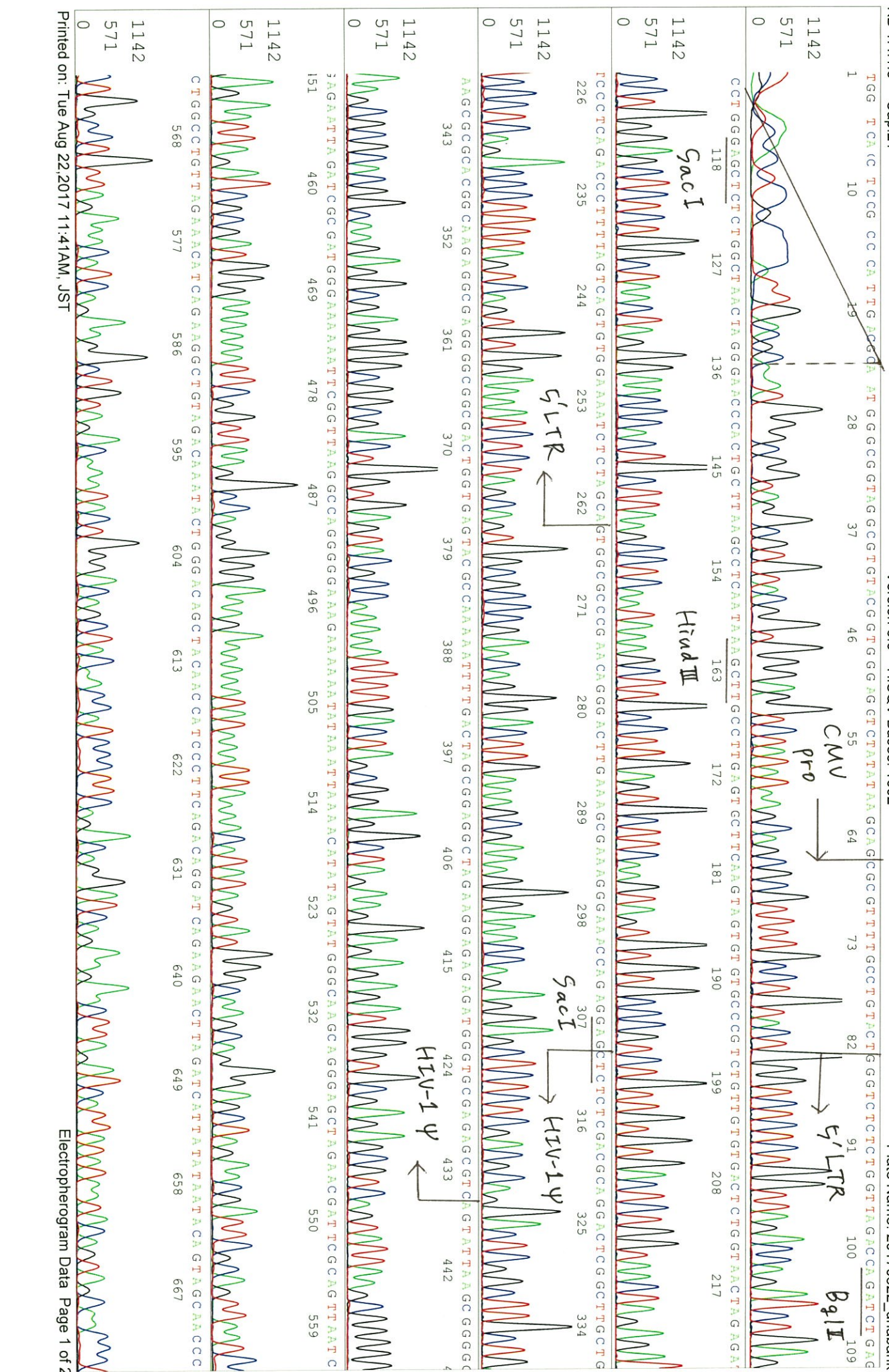
1162 1171 1180

S/N G:204 A:261 T:163 C:159
 KB.bcp
 KB 1.4.1.8 Cap:21

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

KB_3500_POP7_BDTV3.mob
 PIs 1444 to 13463 PK1 Loc:1421
 Version 6.0 HISQV Bases: 1002

Aug 22, 2017 09:26AM, JST
 Aug 22, 2017 09:54AM, JST
 Spacing: 12.24 Pts/Panel1350
 Plate Name: 20170822_dnabank



S/N G:204 A:261 T:163 C:159

D0449814-2_A7H3_CMV-Forward

Aug 22, 2017 09:26AM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Aug 22, 2017 09:54AM, JST

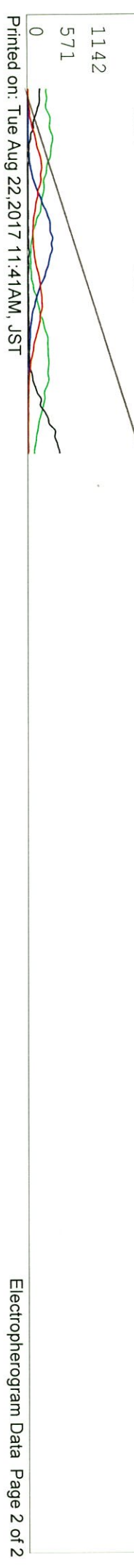
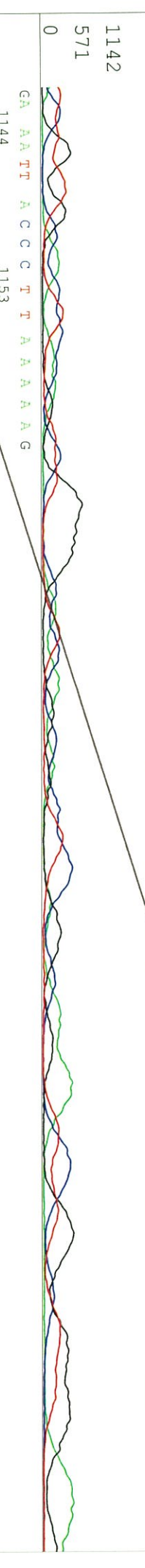
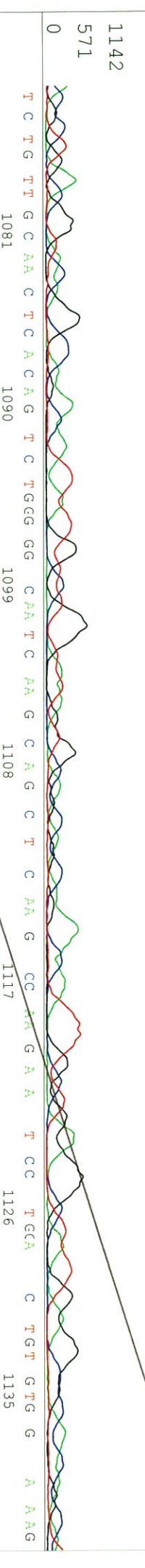
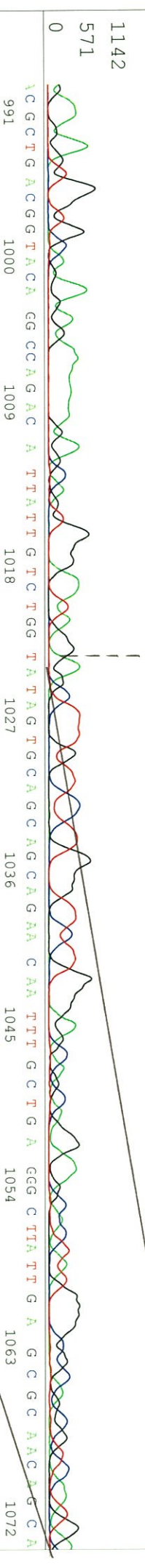
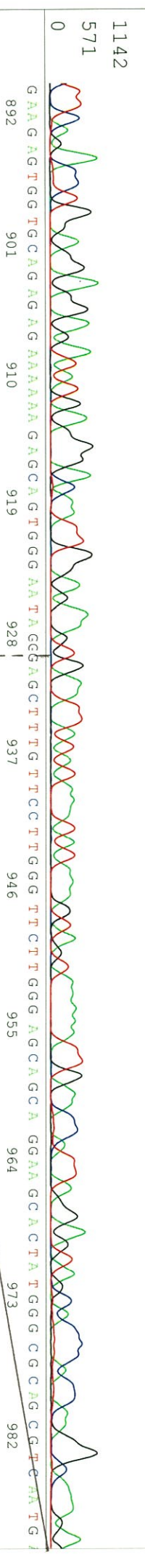
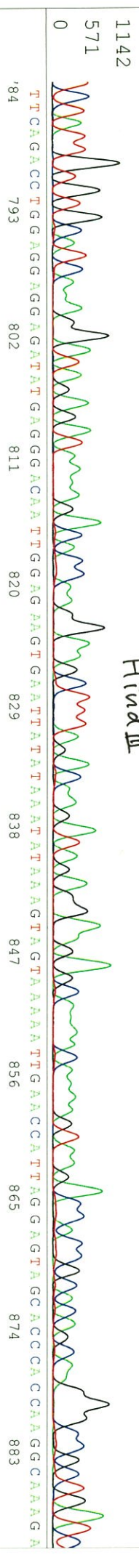
KB 1.4:1.8 Cap:21

Pls 1444 to 13463 PK1 Loc: 1421

Spacing: 12.24 Pls/Panel1350

Version 6.0 HiSQV Bases: 1002 Plate Name: 20170822_dnabank

Hind III



S/N G:187 A:198 T:172 C:174

KB.bcp

KB 1.4.1.8 Cap:19

primer name ϕ : BGH_rev2

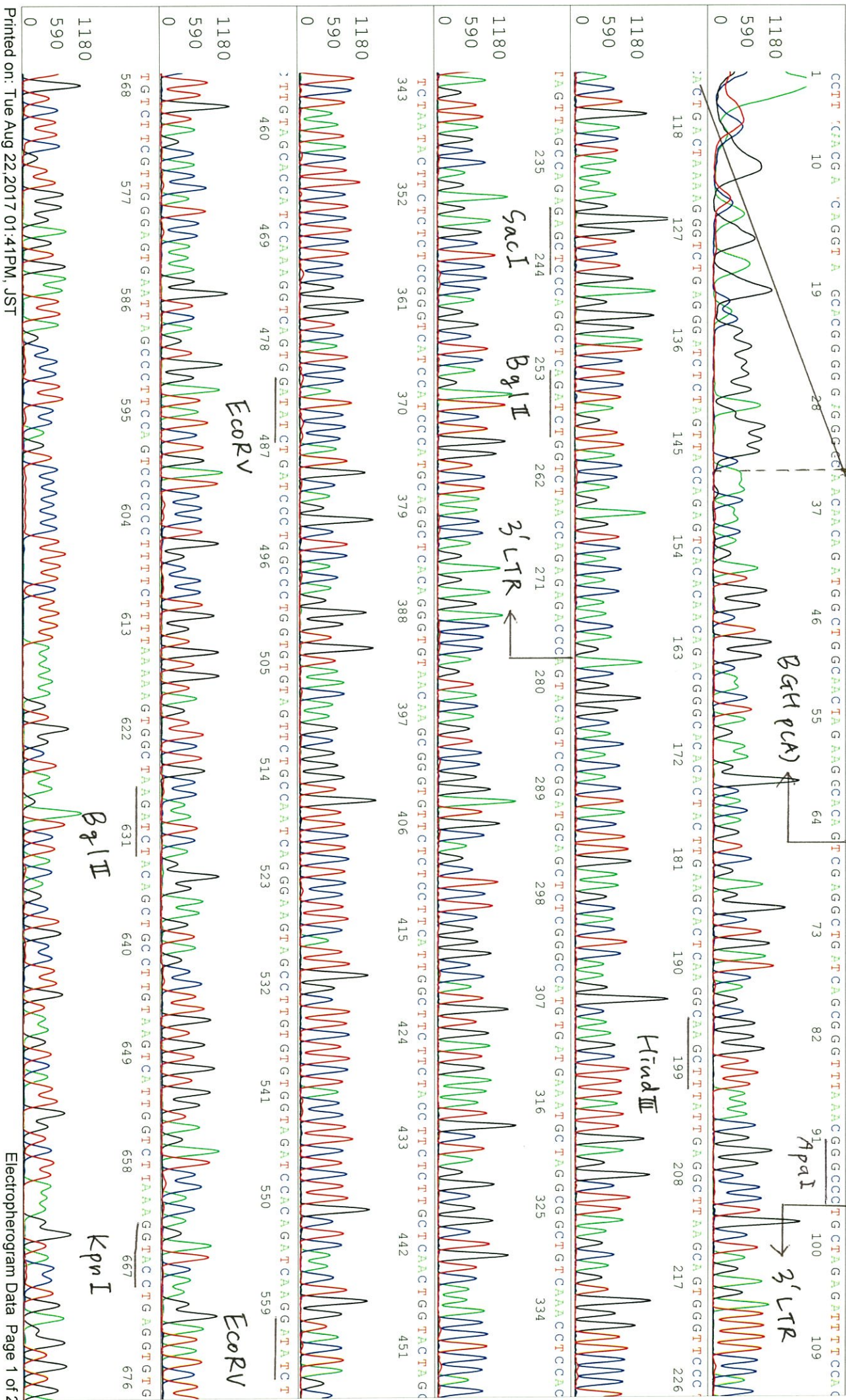
5'-TATTAGAAAAGACAGTGGG-3'

Aug 22, 2017 11:31AM, JST

Aug 22, 2017 11:58AM, JST

Spacing: 11.94 Pts/Panel1350

Plate Name: 20170822_dhbank



S/N G:187 A:198 T:172 C:174

D0449814-2_A7H3_BGH_rev2
KB_3500_POP7_BDTV3.mob

Aug 22, 2017 11:31AM, JST
Aug 22, 2017 11:58AM, JST

KB.bcp

Pls 1412 to 13500 Pk1 Loc:1389

Spacing:11.94 Pls/Panel1350

KB 1.4.1.8 Cap:19

Version 6.0 HISQV Bases: 977

Plate Name: 20170822_dhbank

ACTGGA... 685 694 703 712 721 730 739 748 757 766 775 784



Clal → PRE

PRE →

3GTATCGAT 793 802 811 820 829 838 847 856 865 874 883 892

3GTCCGCTGGATTGAGGGCCGAA CGGACGTAGCAGAA GGACGTCCTCCGCGCAGAA TCC A GGTGGCAA CA CA GGCGAGCA G CCATGGG AAA GCGA CGT CAGCTTCC

CCGACACACCACGGAA TTGTCTAGTGC CCC AACAGCCGAGCAGCGGGCA GCA GCGCGGATGAGTCCCGCCG TGGTC

1081 1081 1090 1090 1099 1099 1108 1108 1117 1117 1126 1126 1135 1135

ATTA EGAGGGGAA GCGGAA GTCCTGGACCTGGACTGGTGGCCATGTTTCTAGGTTCCGAC

1144 1144 1153 1153

GGGGGAGTTGGGC GTTCA CC

Printed on: Tue Aug 22, 2017 01:41PM, JST

Electropherogram Data Page 2 of 2

S/N G:81 A:84 T:73 C:83

primer name E : SV40pro_F

D0449814-2_A7H3_SV40pro_F

Aug 22, 2017 11:31AM, JST

KB.bcp

5'-TATTTATGCAGAGGCCGAGG-3'

KB_3500_POP7_BDTV3.mob

Aug 22, 2017 11:58AM, JST

KB 1.4.1.8 Cap:20

Pis 1369 to 13186 PK1 Loc:1346

Spacing: 11.8 Pts/Panel1350

Version 6.0 HISQV Bases: 1014

Plate Name: 20170822_dnabank

