

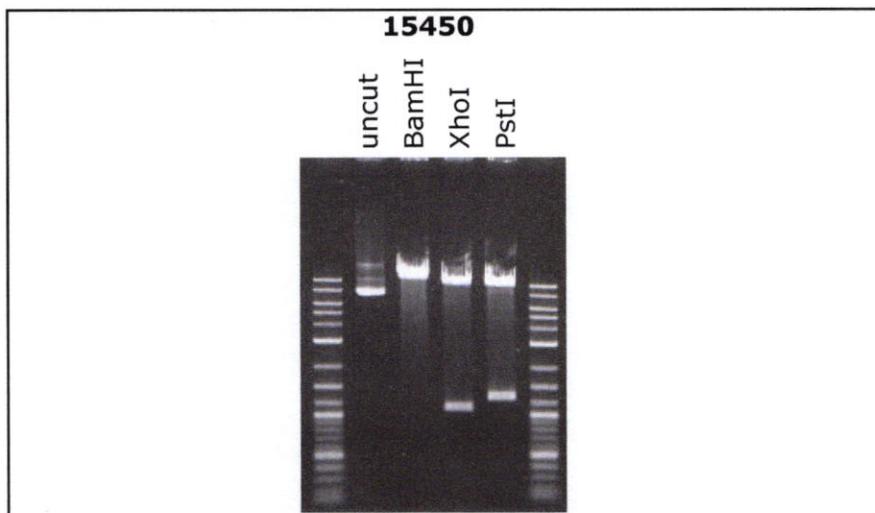
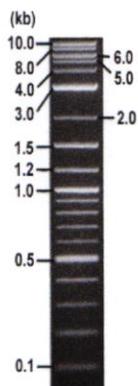


RIKEN DNA BANK

clone name : **tFucci(SA)2.1/pCSII-CMV**

- Clone ID : RDB_15450
- Lot : 15450_A7Jv
- 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 : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
BamHI	10.7 kbp
XhoI	9.6, 1.1 kbp
PstI	9.4, 1.3 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	Pr0517	mCherry-C_R	insert 5'(mCherry 5'),CMV pro.2
Sequence - B	Pr0250	PRE_rev	PRE,insert 3'(hGem(1_110),AmCyan1 3')
Sequence - C	Pr0443	mRFP1-inner1	insert mid(mCherry 3',hCdt1(30_120) 5')
Sequence - D	Pr0453	mCherry-C_F	insert mid(mCherry 3',hCdt1(30_120), P2A,AmiCyan1 5')
Sequence - E	Pr1071	AmCyan1-H_F	insert mid(AmCyan1 mid)
Sequence - F	Pr0673	HIV-B_R	HIV-1 psi,5'LTR, CMV pro.1, CMV en.1
Sequence - G	Pr0132	HIVgp_R1	HIV-1 psi,5'LTR
Sequence - H	Pr0606	BGH_rev2	bGH pA,3'LTR,PRE
Sequence - I	Pr0303	cPPT+CTS_V2_F	cPPT_CTS,CMV en.2
Sequence - J	Pr0110	SV40pro_F	Zeo,SV40 pA

APPROVED BY :



S/N G:247 A:280 T:270 C:372

KB.bbp

KB 1.4.1.8 Cap.19

primer name B : PRE_rev

5'-AGCAATAGCATGATACAAAGGC-3'

PRE

c/a2

Hind III

100

91

82

73

64

55

46

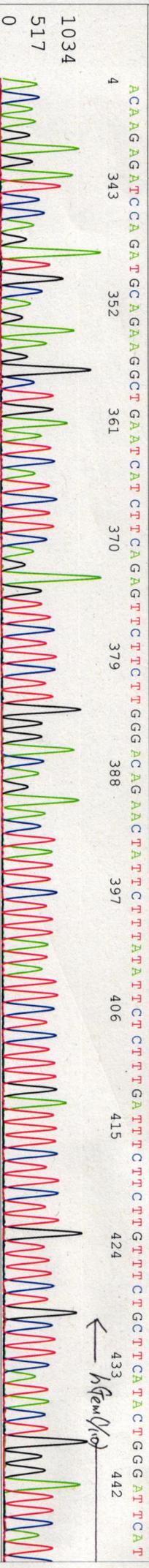
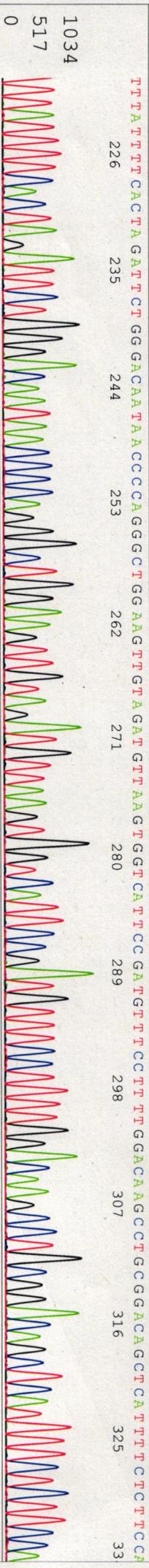
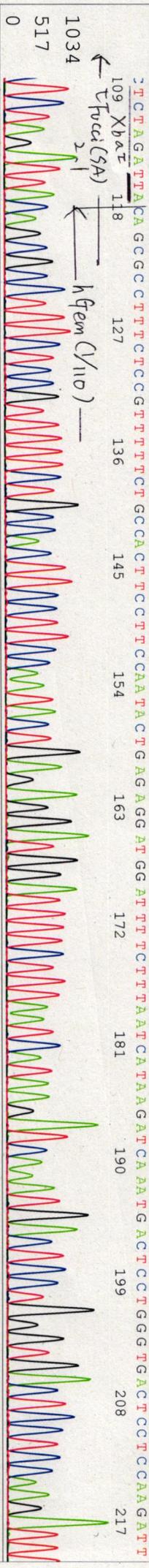
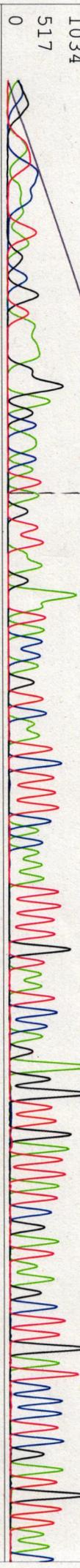
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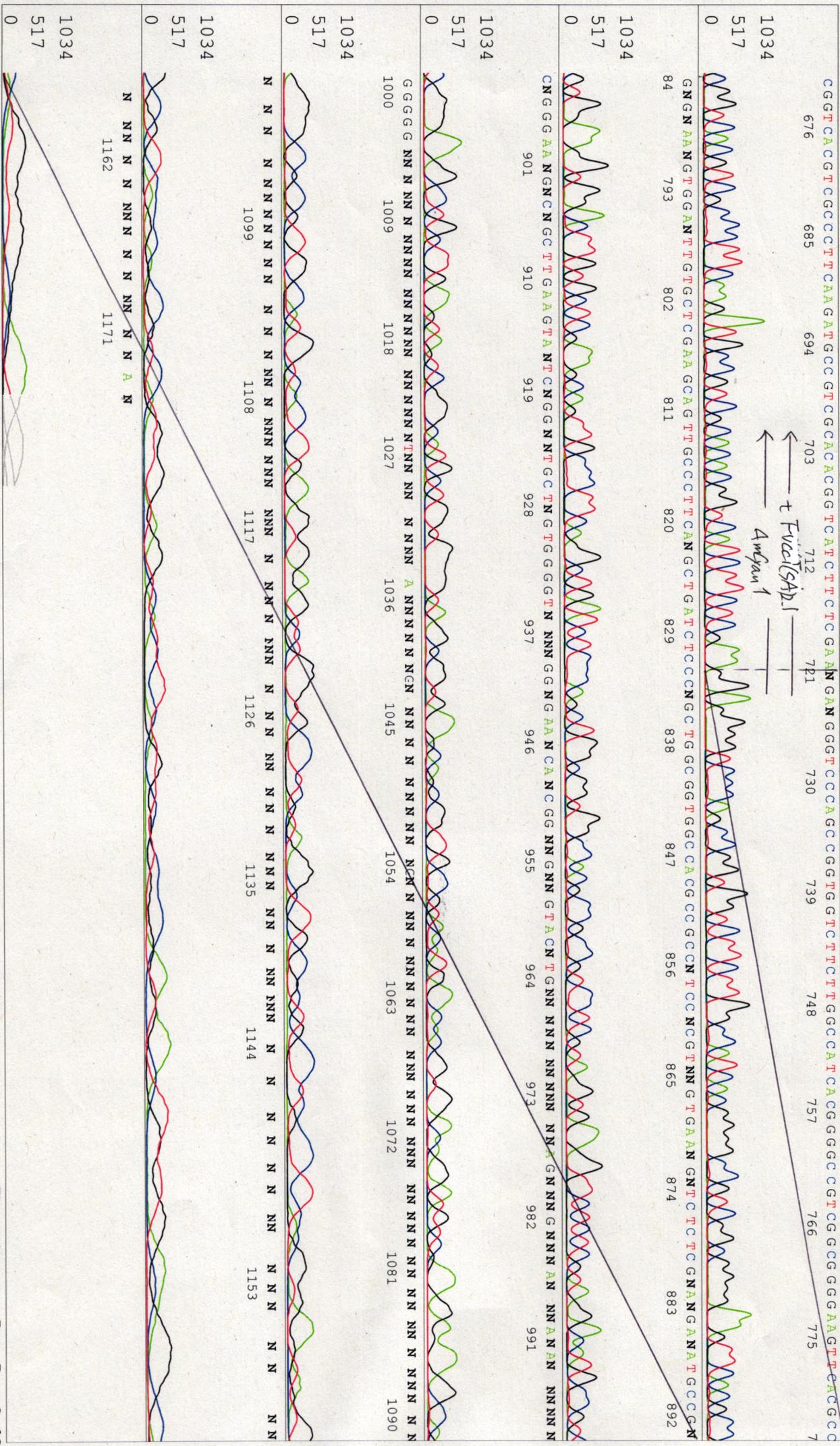
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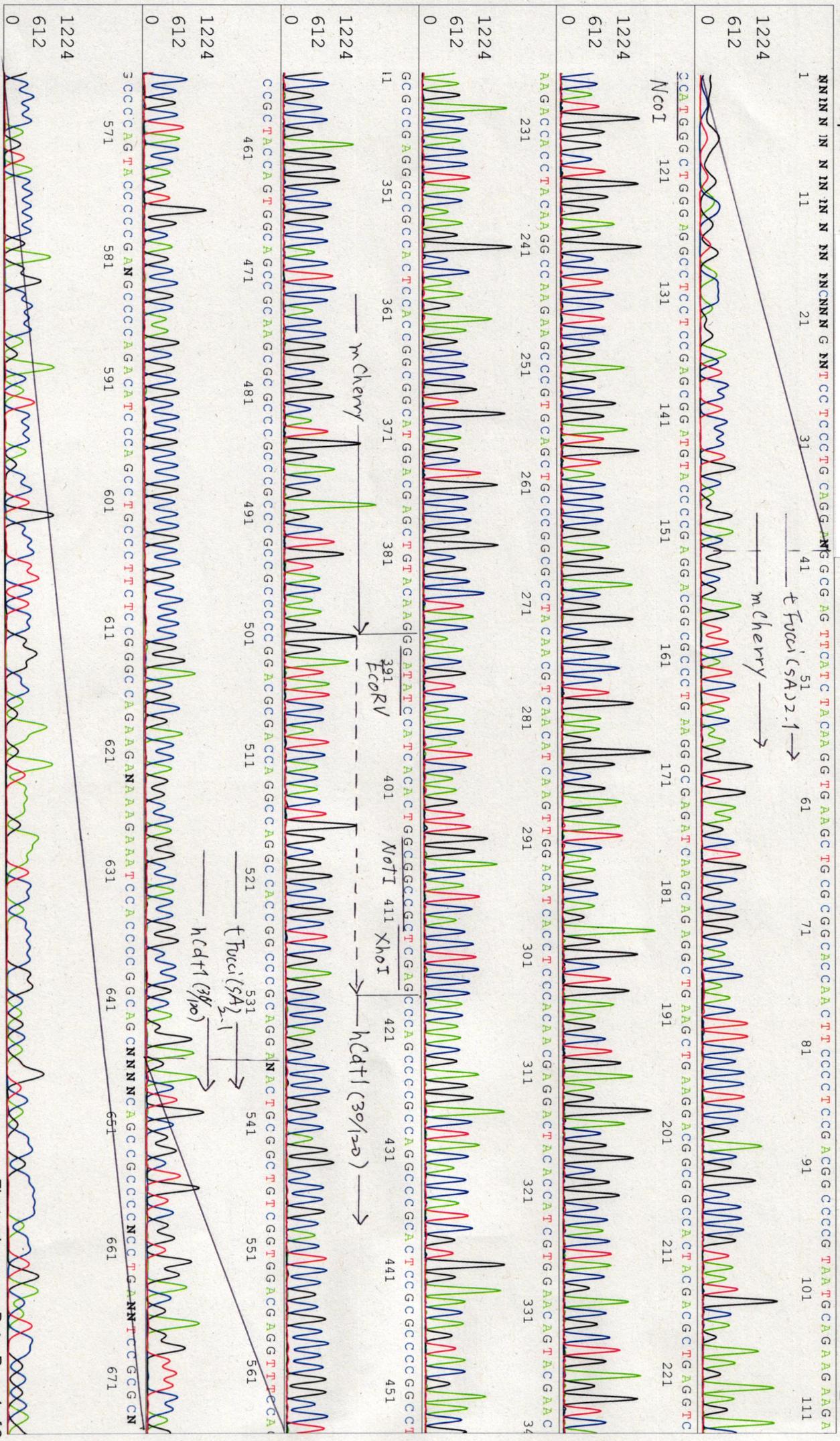
19

10

1







S/N G:385 A:421 T:227 C:700

primer name **D** : mCherry-C_F

D05018B1_1_A7Jv_mCherry-C_F
KB_3500_POP7_BDTV3.mob
Pis 1388 to 13155 PK1 Loc:1365

Dec 21,2017 10:29AM, JST
Dec 21,2017 10:55AM, JST
Spacing:11.71 Pts/Panel1350

KB.bcp

5'-ACTACGACGCTGAGGTCAAG-3'

Version 6.0 HiSQV Bases: 943

Plate Name: 20171221_kitaku



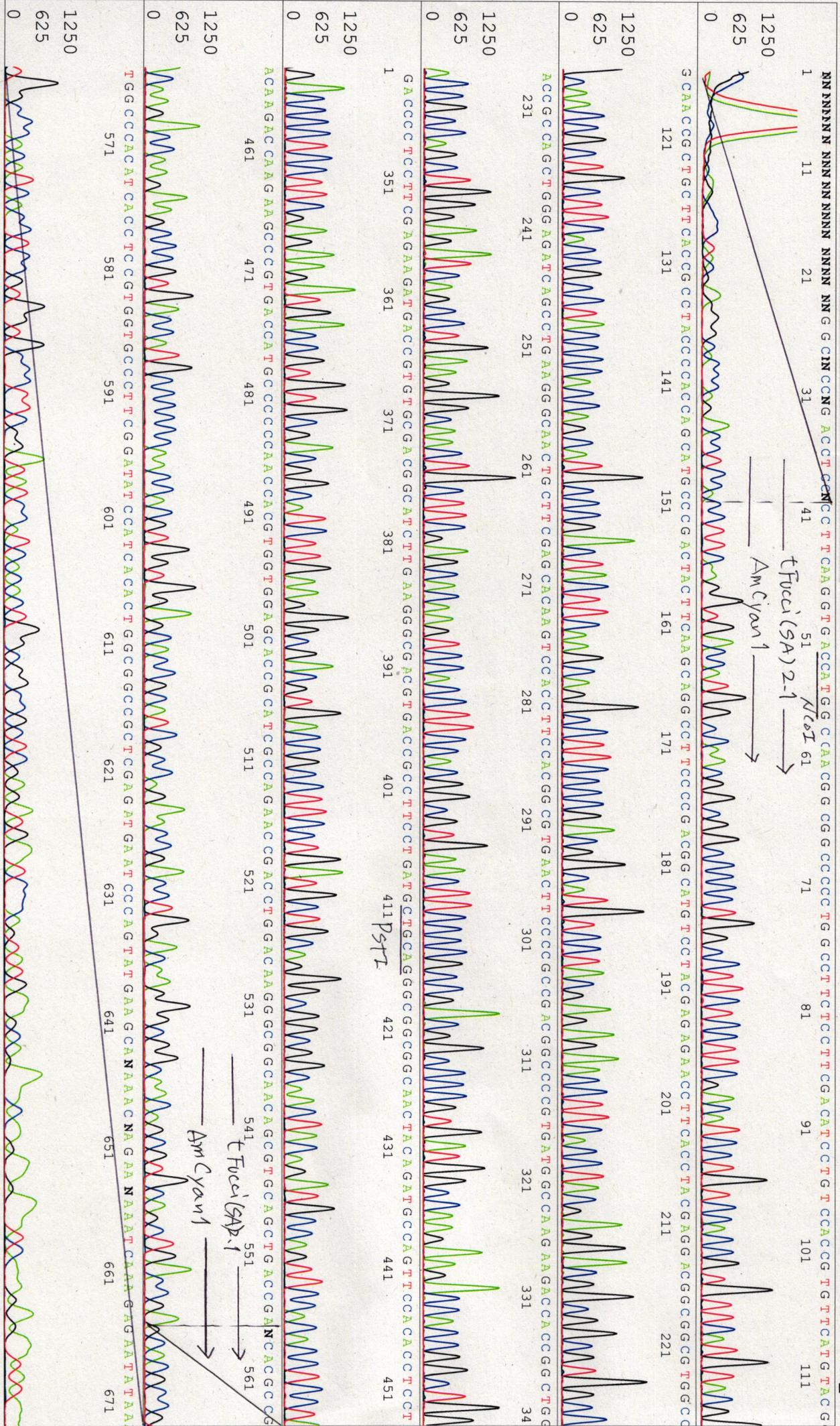
primer name E : AmCyan1-H_F

KB_3500_POP7_BDTV3.mob

Pts 1746 to 8706 Pk1 Loc: 1714

Version 6.0 HISQV Bases: 673

5'-AAGCGCCACTACTTCACCGTGAA-3'



S/N G:168 A:139 T:112 C:123

primer name F : HIV-B_R

KB.bcp

Nov 09, 2021 09:57AM, JST

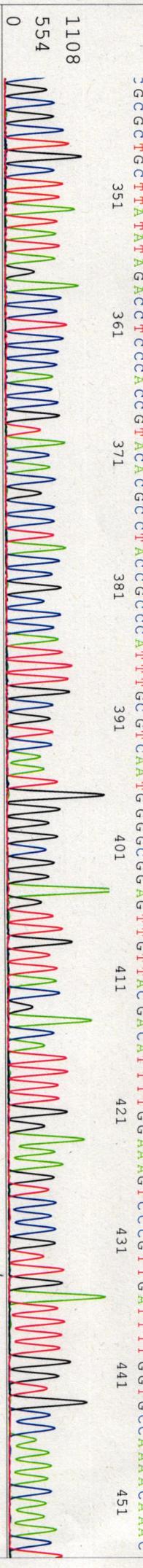
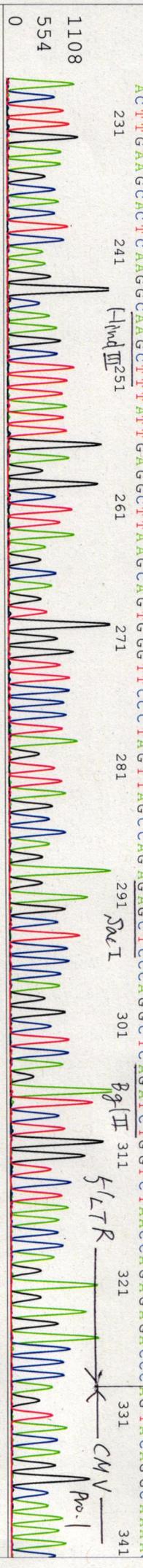
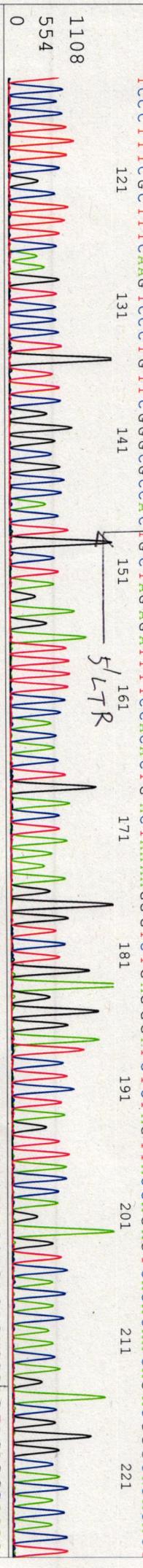
KB 1.4.1.8 Cap:9

5'-TTAATACGACGCTCTCGCACC-3'

KB_3500_POP7_BDTV3.mob

Nov 09, 2021 10:12AM, JST

1 11 21 31 41 51 61 71 81 91 101 111
NNNNNN NN NN IN N NNN NNN NNNNT TT TGGCGTACTGACCA G TCGCCGCCCCCTCTTGGCCGTGGCCGGCTTCA G C A G C C G A G T C C T C G A G A G C T C C C T C T G G T



SN G:251 A:279 T:259 C:310

KB bcp

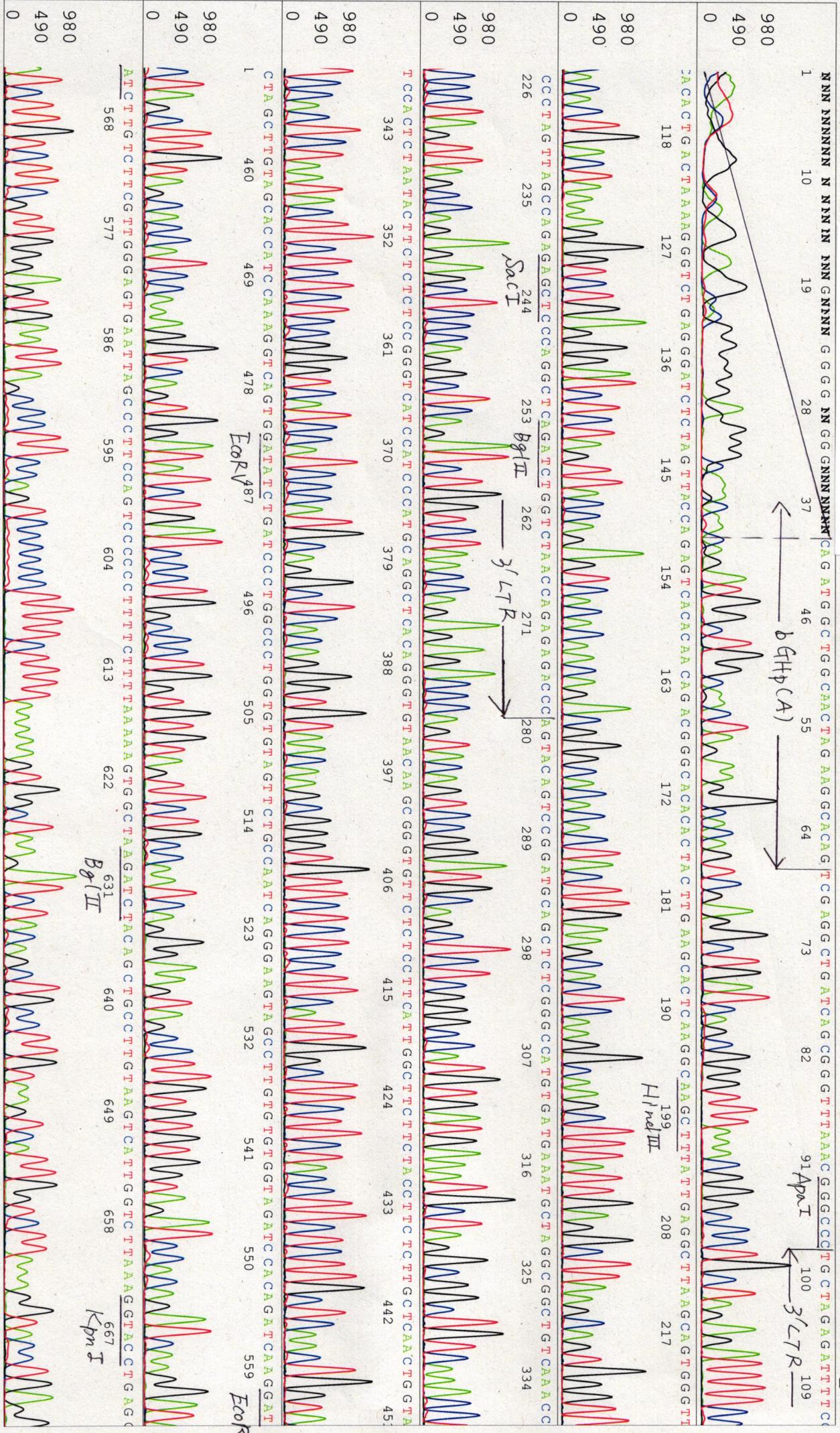
KB 1.4.1.8 Cap:7

primer name H : BGH_rev2

5'- TATTAGGAAAGGACAGTGGG -3'

Version 6.0 HISQV Bases: 905

Plate Name: 20180117_kitaku



3 TGTGACTGGAATAACCCACCTCTCCTCTTGTGCTTCTAGCCAGGCAATCAAGCATTGGTAGCTGCTGATTGCTACTTGTGATTGCTCCATGTTTCTAGGT
676 685 694 703 712 721 730 739 748 757 766 775

CTCGACGGTATCGATGCGGGAN GCGGCCN NNAGGANATCCGAN TCGTCTGNNGGCGGAANGCGGAAANGCCGAN ANCCGGCAGCAGCANN
784 793 802 811 820 829 838 847 856 865 874 883

clat ← PRE →

GGAANGAANGNNCGCTGGANTGAN GNGCNAAN NGNACNTNCCANAAANNAACNTNCCNCGCANAAATCCANGNGNCA CAGGNNANCA GNNNNNGNNA
892 901 910 919 928 937 946 955 964 973 982

ANGNANNNGNN
991 1000 1009 1018 1027 1036 1045 1054 1063

NN
1072 1081 1090 1099 1108 1117

NN N NNN N NN
1126 113



SN G:115 A:115 T:107 C:162

primer name **J** : SV40pro_F

D05018B1_1_A7Jv_SV40pro_F

KB_3500_POP7_BDTv3.mob

Pts 1339 to 12972 Pk1 Loc:1316

Version 6.0 HiSQV Bases: 970

Dec 21, 2017 10:29AM, JST

Dec 21, 2017 10:55AM, JST

Spacing: 11.57 Pts/Panel1350

Plate Name: 20171221_kitaku

KB bcp
KB 1.4.1.8 Cap:8
5'-TATTATGCAGAGCCGAGG-3'



