

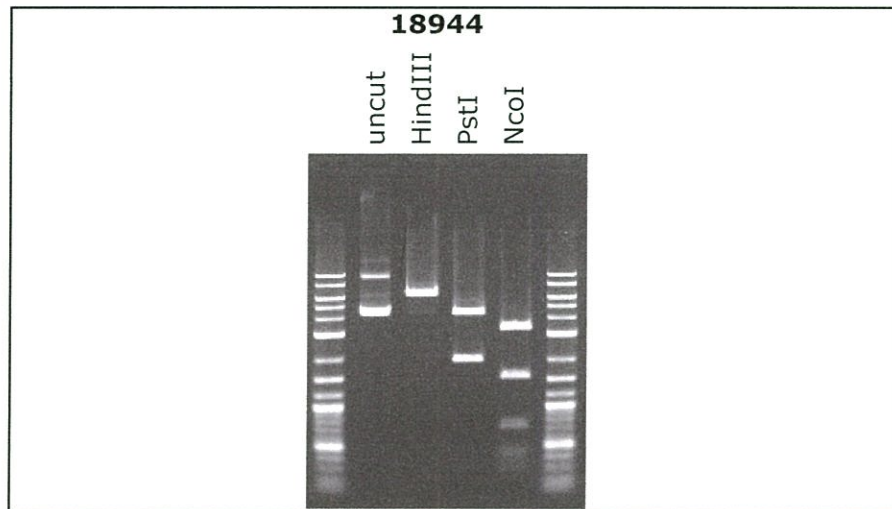
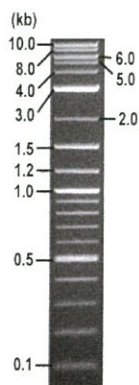


RIKEN DNA BANK

clone name : pDEST/mCherry-D4

- Clone ID : RDB _ 18944
- Lot : 18944 _ B1Ct
- 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

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	
HindIII	6.4	kbp
PstI	4.4, 2.0	kbp
NcoI	3.3, 1.6, 0.7, 0.4, 0.3	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	Pr0016	CMV_Forward	CMV pro, insert 5'(mCherry 5')
Sequence - B	Pr0885	bGH_rev3	bGH pA, insert 3' (D4,mCherry)
Sequence - C	Pr0731	SV40pro_ori_F	SV40 pro_ori, NeoR
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



S/N G:357 A:300 T:183 C:240

primer name **A** : CMV_Forward

KB_3500_POP7_BDTV3.mob

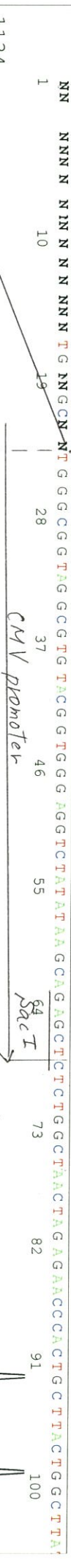
Aug 05,2021 03:28PM, JST

KB 1.4.1.8 Cap:19

5'-GCACCAAAATCAACGGGACTT-3'

Pls 1427 to 13231 Pk1 Loc:1404

Aug 05,2021 03:55PM, JST

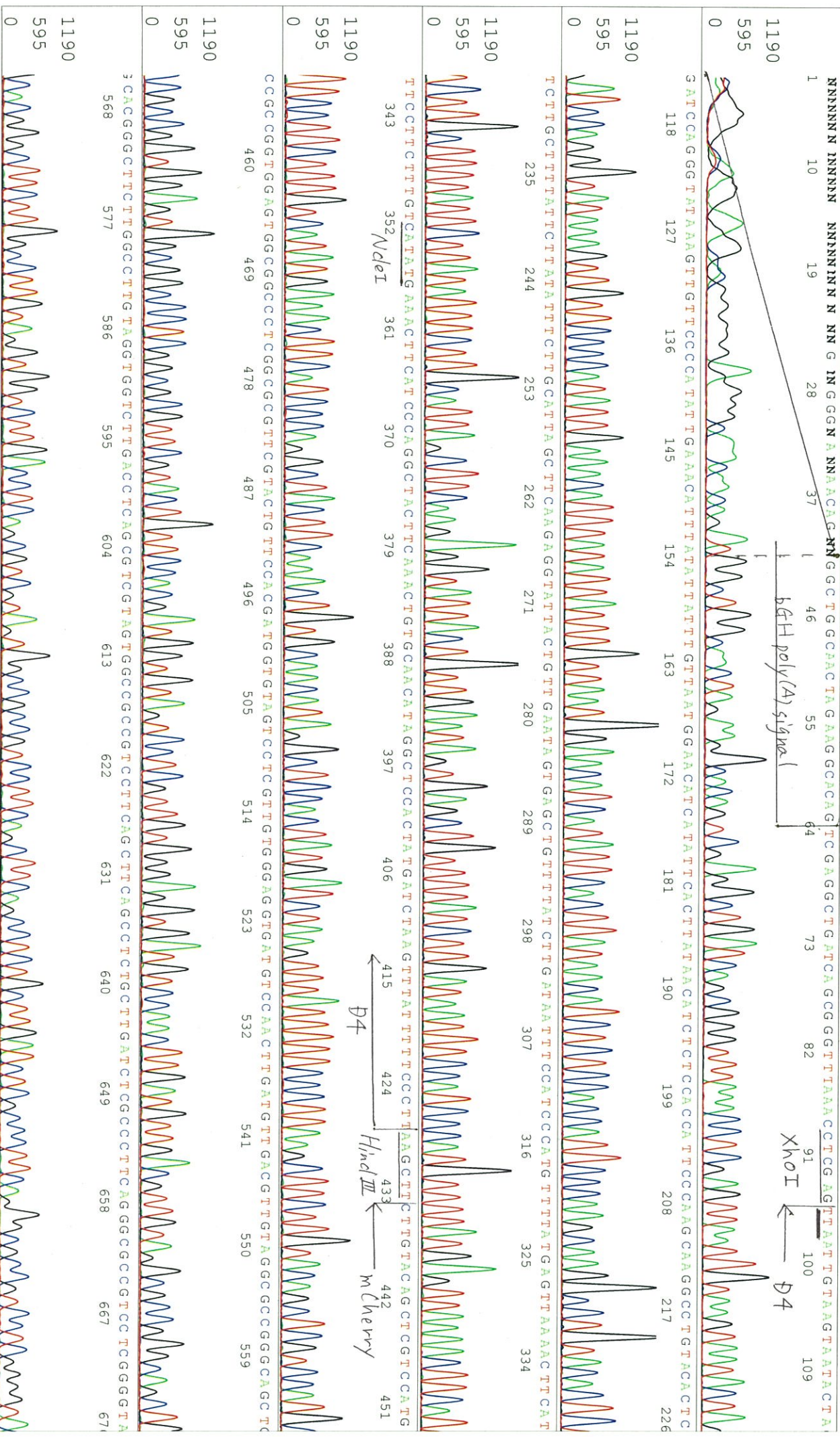


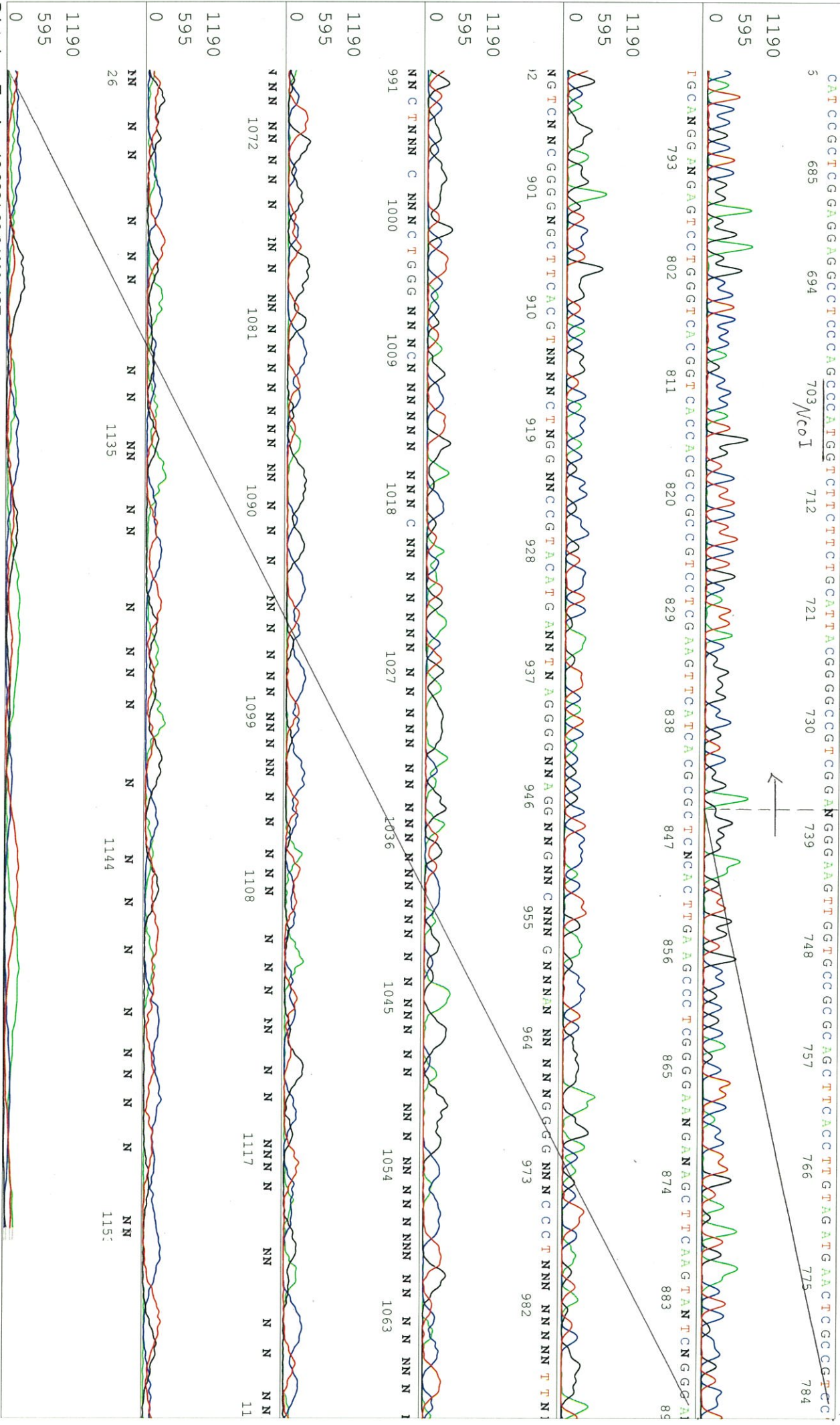
S/N:G:96 A:64 T:86 C:74
 KB:bop
 KB 1.4.1.8 Cap:3

primer name **B** : **bgH_rev3**
 5'-TTAGGAAGGACAGTGGAGTG-3'

D07782A2_B1Ct_1_bgH_rev3_C10_03_ABI08
 D07782A2_B1Ct_1_bgH_rev3
 KB_3500_POP7_BDTV3.mob
 Pts 1455 to 13458 Pk1 Loc:1432
 Version 6.0 HISQV Bases: 924

Inst Model/Name 3500/3500 Instrument
 Aug 06, 2021 02:50PM, JST
 Aug 06, 2021 03:17PM, JST
 Spacing: 11.93 Pts/Panel1350
 Plate Name: 20210806 kitaku





S/N:G:116 A:74 T:71 C:89

primer name C : SV40pro_ori_F

D07782A2_B1Ct_1_SV40pro_ori_F
KB_3500_POP7_BDTV3.mob
Pis 1485 to 13241 Pk1 Loc:1462

Aug 06,2021 02:50PM, JST
Aug 06,2021 03:17PM, JST
Spacing:11.91 Pts/Panel1350

KB.bcp

5'- TTCTCCGCCCCCATGGCTGACTAAT -3'

Version 6.0 HISQV Bases: 933

Plate Name: 20210806 kitaku

1 10 19 28 37 46 55 64 73 82 91 100 109

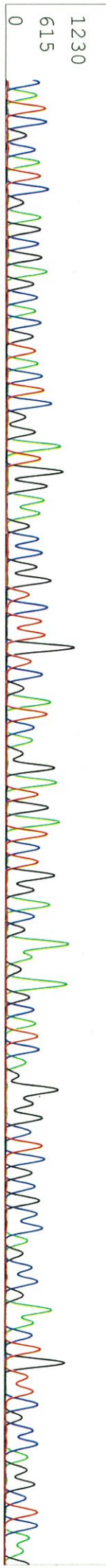
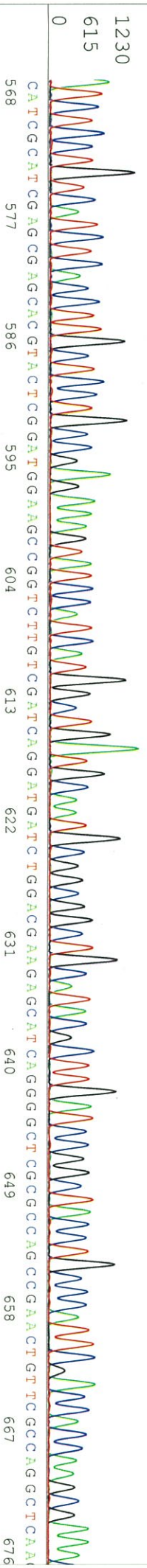
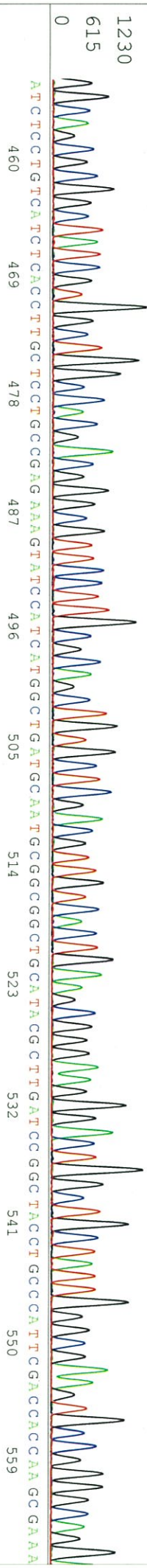
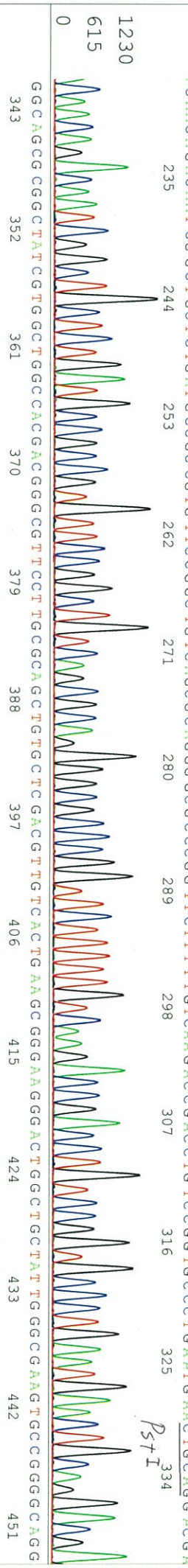
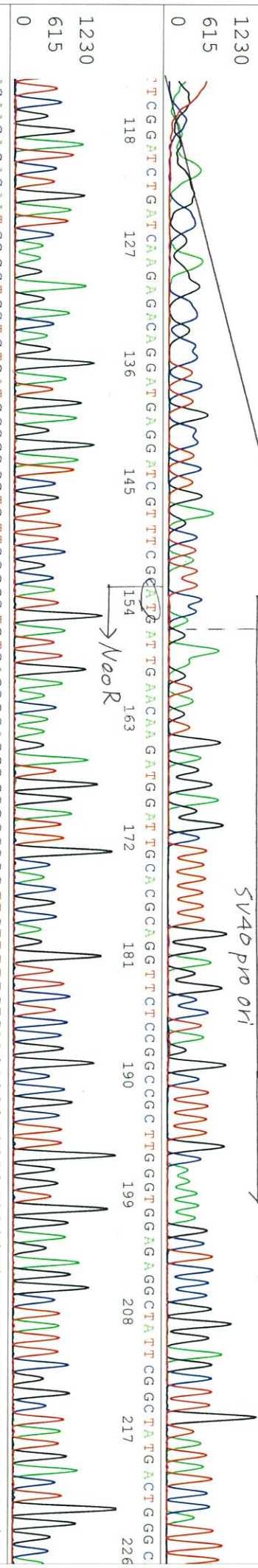
SV40 pro ori

Shat

154
163
172
181
190
199
208
217
226

118 127 136 145

Pst I



S/N G:116 A:74 T:71 C:89
KB.bcp
KB 1.4.1.8 Cap.4

D07782A2_B1Ct_1_SV40pro_ori_F_D10_04_ABI08

D07782A2_B1Ct_1_SV40pro_ori_F

KB_3500_POP7_BDTV3.mob
Pis 1485 to 13241 Pk1 Loc:1462
Version 6.0 HiSQV Bases: 933

Inst Model/Name 3500/3500 Instrument

Aug 06, 2021 02:50PM, JST
Aug 06, 2021 03:17PM, JST
Spacing: 11.91 Pts/Panel1350
Plate Name: 20210806 Kitaku

