

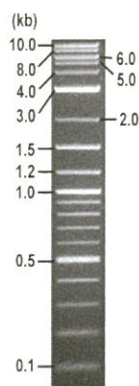


RIKEN DNA BANK

clone name : pEGFP-C1-Rab45

- Clone ID : RDB_17958
- Lot : 17958_B0Cb
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- Culture : LB medium
- Antibiotics : 25 microgram/ml Kanamycin
- 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	6.6 kbp
EcoRI	5.3, 1.3 kbp
HindIII	5.5, 1.1 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	Pr0402	EGFP-C2	EGFP 3', insert 5'
Sequence - B	Pr0623	SV40polyA_R2	insert 3'
Sequence - C	Pr0016	CMV_Forward	CMV pro, EGFP 5'
Sequence - D	Pr0731	SV40pro_ori_F	SV40pro_ori, NeoR_KanR
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



S/N G:423 A:719 T:541 C:613 primer name **A** : EGFP-C2

KB.bcp KB_3500_POP7_BDTV3.mob

Mar 18, 2020 12:00PM, JST

KB 1.4.1.8 Cap:9 5'-ACTACCTGAGCACCAGTCC-3'

Pts 1351 to 13064 Pk1 Loc:1328

Mar 18, 2020 12:28PM, JST

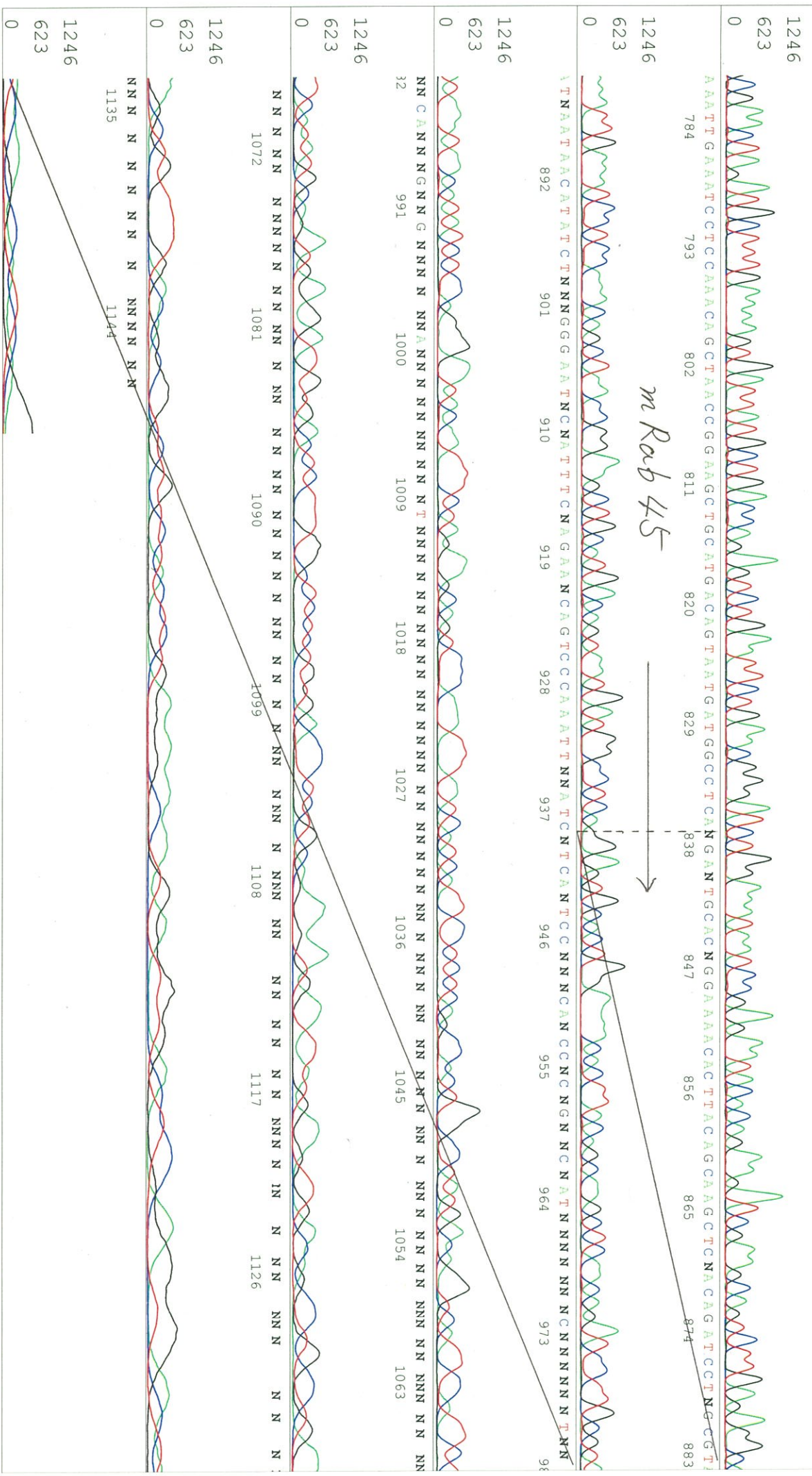
Version 6.0 HISQV Bases: 932

Plate Name: 20200318_Kitaku mix



3	CGAAC	TAGAT	GCTTT	GGAAA	GTGATT	TATGCT	GACCA	GAGTCT	GAAATTC	TGAACGGG	GATCTG	GAAATA	ATCCG	AGATA	CA	CA	GAG	AGAT	CGAA	GCAG	TCTT	GAGAG	GGC
676		685		694		703		712	<i>EcoRI</i>	721		730		739		748		757		766		775	

m Rab 45



S/N G:40 A:62 T:74 C primer name *B* : SV40polyA_R2

KB_bcp KB_3500_POP7_BDTV3.mob

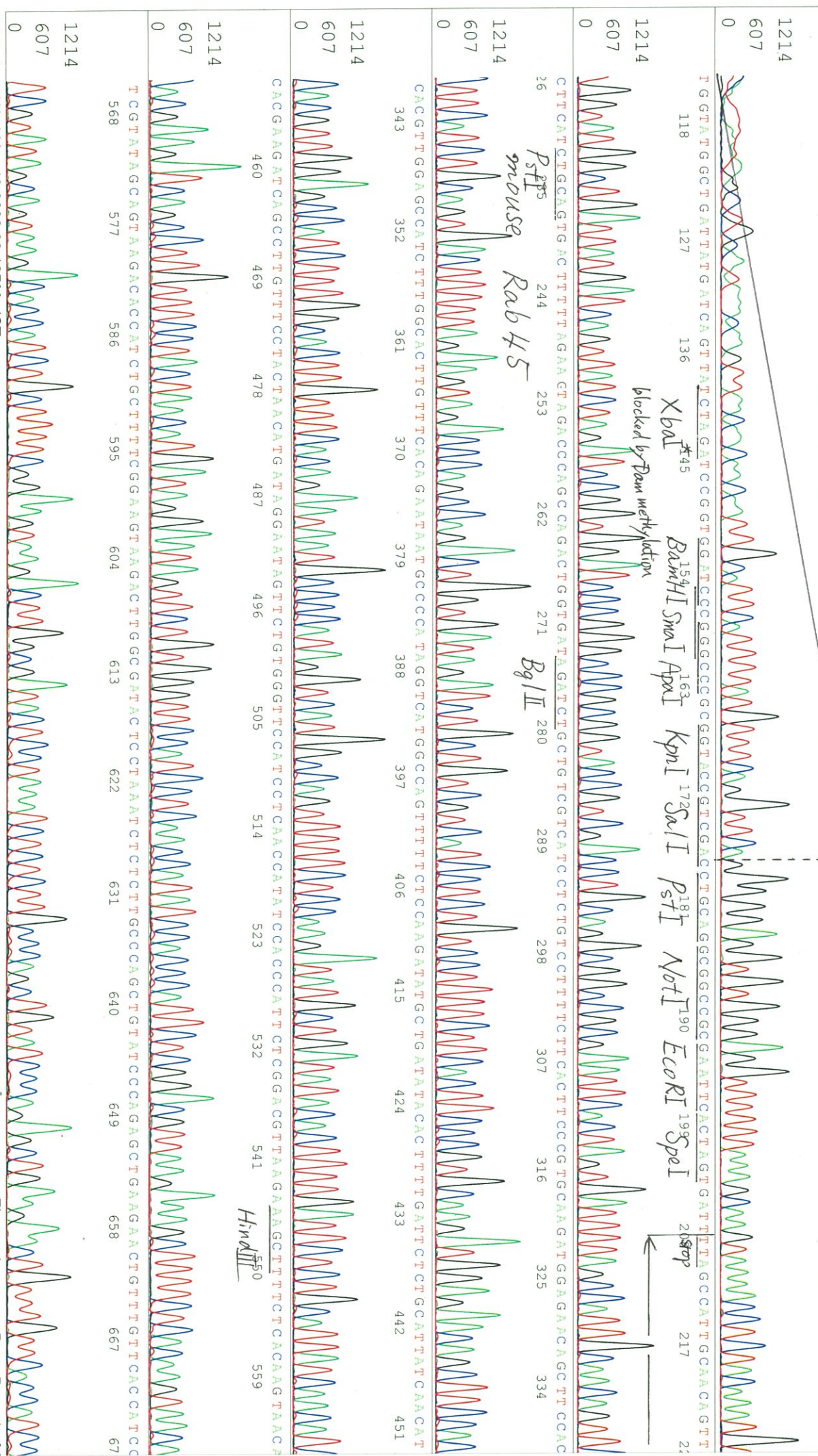
Mar 18, 2020 12:28PM, JST

KB 1.4.1.8 Cap:12 5'-GTGAAATTTGTGATGCTATTGC-3'

Pts 1372 to 13265 Pk1 Loc:1349

Spacing:11.81 Pts/Panel1350

Version 6.0 HiSeqV Bases: 929



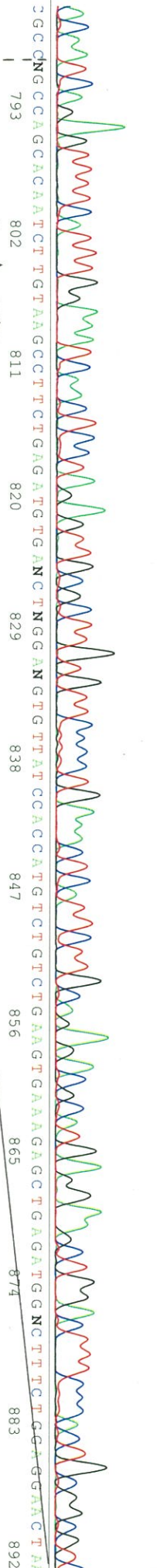
S/N G:40 A:62 T:74 C:77
 KB.bcp

KB 1.4.1.8 Cap:12

D07009A8_B0Cb_3_SV40polYA_R2_D06_12_AB124
 D07009A8_B0Cb_3_SV40polYA_R2
 KB_3500_POP7_BDTv3.mob
 Pts 1372 to 13265 Pk1 Loc:1349
 Version 6.0 HISQV Bases: 929

Inst Model/Name 3500/3500 Instrument
 Mar 18, 2020 12:00PM, JST
 Mar 18, 2020 12:28PM, JST
 Spacing: 11.81 Pts/Panel1350
 Plate Name: 20200318_Kitaku mix

6 ACAATCA GAGTTTTCATTGTGGAATCAACT CCTAGA GTTGGCTTGTTGTTCCCTGAAACTCATTTCTGCAGAGACGCATGAGGAACTGGACTTCCCCTGCCGT
 685 694 703 712 721 730 739 748 757 766 775 784



m Rab 45

CGCCAGCCAGCACAATCTTGTAAGCCTCTGAGATGTGANCTNGGANGTGTATCCACCATGCTCTCTGAAAGTAAAAGCCTGAGATGNC TTTGCTGAACTT
 793 802 811 820 829 838 847 856 865 874 883 892

GANTGCTGNCTCNCNNNCANANCCGCGGGCTGNCNNNGTAAANANA NNCCNNN TTTCANAA TCNAANGCTCTT CNTCCNTTATA TCGN NN
 901 910 919 928 937 946 955 964 973 982 991

NNNTGANGCANNN
 1000 1009 1018 1027 1036 1045 1054 1063 1072 1081

NNN
 1090 1099 1108 1117 1126 1135 1144 1153

NN
 1162 1171

SN/G:39 A:51 T:37 C:65

primer name C : CMV_Forward

KB_bcp KB_3500_POP7_BDTV3.mob

Mar 18, 2020 12:00PM, JST

KB 1.4.1.8 Cap:15

5- GCACCAAAATCAACGGGACTT -3'

Pts 1333 to 13062 Pk1 Loc:1310

Mar 18, 2020 12:28PM, JST

1 10 19 28 37 46 55 64 73 82 91 100 109 1
NNNNNNNNNNNNNN N N NNNN N GNNNNNN AATG GCGGGTAGCGGTATATAA GCAAGCTGGTTTAGTGAACCGTCA GATCCGGTAGCGGTACCGGTTCCG

CMV promoter

NheI

E GFP

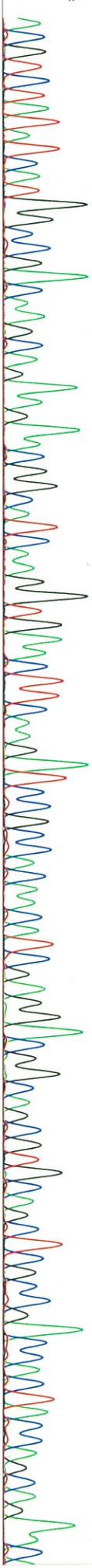
1.18 1.27 1.36 1.45 1.54 1.63 1.72 1.81 1.90 1.99 2.08 2.17 2.26
:CACTTGTGAGCAAGGGCGAGGAGCTGTTCACCGGGGTGTGCCCATCTGTTCGAGCTGGACGGGCAAGTCAAGCGCCACAAGTTCAGCGGTCCGGCGAGGGGAGGGCG

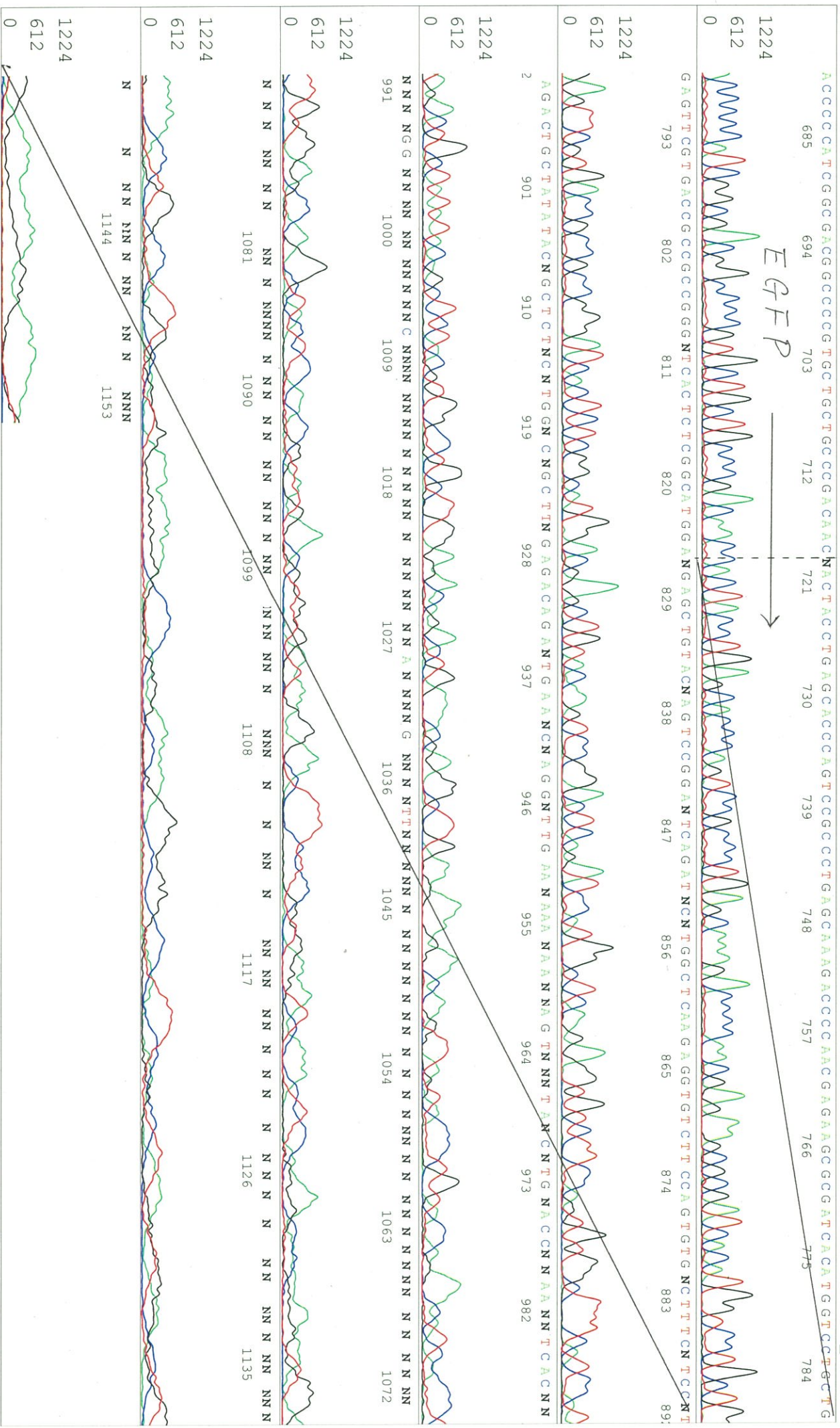
3ATGCCACCTACGGCAAGGTGACCTGAAGTTCATCGCACCAAGGCAAGCTGCGTGAACCACTGACCTACGGCGTGCAAGTGTCAAGCGGCT
235 244 253 262 271 280 289 298 307 316 325 334 343

1224 612 0
:AACCCGACCACATGAAGCAAGCAGCAGCTTCTTCAAAGTCCGGCCTGCGCGAAGGCTACGTCCTCAAGGAGCGGCAACCTCTTCAAGGAGCGGCAAGCTAACCAAGCAGCGGCGG
352 361 370 379 388 397 406 415 424 433 442 451

1224 612 0
GTGAAAGTTCGAGGGCGACACCTGGTGAAACCGCATCGAGCTGAAAGGCATCGACTTCAAAGGAGGACGGCAACATCTGGGGCCACAAGCTGGAATACAACCTAACCAAGCAGCGCACA
460 469 478 487 496 505 514 523 532 541 550 559 568

1224 612 0
ACGTCATATATCATGGCCGACAGAGCAAGAACGGCATCAAGGTGAAGTTCAAAGTCCGCAACAACATCGAAGACGGGCAAGCTTCGGCGGACCACTACCAAGCAAGCA
577 586 595 604 613 622 631 640 649 658 667 676





SVN G:31 A:33 T:35 primer name *D* : SV40pro_ori_F

KB.bcp KB_3500_POP7_BDTV3.mob

Mar 18, 2020 12:28PM, JST

KB 1.4.1.8 Cap:1:1 5'- TTCTCCGCCCCCATGGCTGACTAAT -3'

Pts 1366 to 13126 PK1 Loc:1343

Spacing:11.74 Pts/Panel1350

Version 6.0 HISQV Bases: 942

Plate Name: 20200318_kitaku mix

