

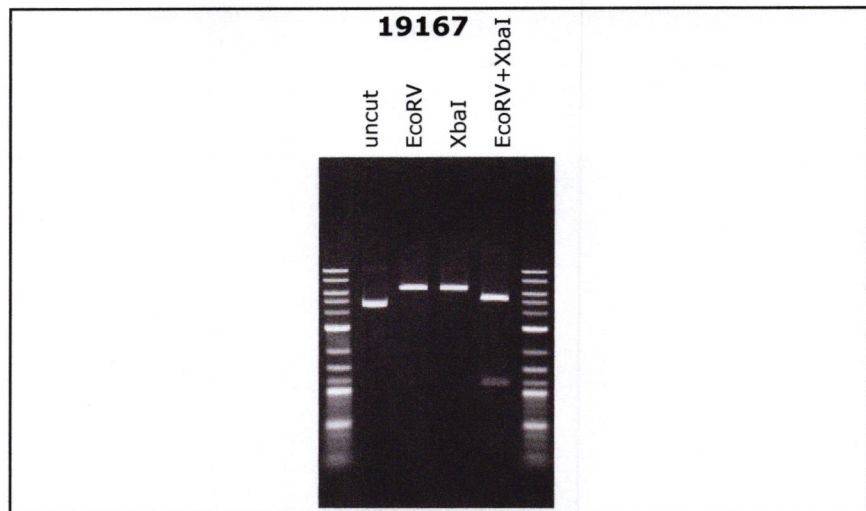
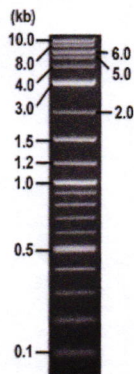


RIKEN DNA BANK

clone name : **AAV:CT-probe-cyto-mCherry**

- Clone ID : RDB _ 19167
- Lot : 19167 _ B1F2
- 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 |
|--------------------|---------------------------|
| <u>EcoRV</u> | <u>6.5</u> kbp |
| <u>XbaI</u> | <u>6.5</u> kbp |
| <u>EcoRV+XbaI</u> | <u>5.3, 1.2</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 | insert mid(EF-1 alpha pro,mAcr signal peptide,sfGFP-CT,T2A,mCherry 5') |
| Sequence - B | Pr0350 | hGHPolyA-R | insert mid(hGH pA,WPRE,mCherry 3') |
| Sequence - C | Pr0025 | EGFP-C | insert mid(T2A,mCherry 5') |
| Sequence - D | Pr1023 | EF1a-M_R | insert 5'(EF-1 alpha pro),AAV2 ITR |
| Sequence - E | Pr0520 | mCherry-check_F | insert mid(mCherry 3',WPRE) |
| Sequence - F | Pr0280 | f1ori_F | f1 ori,AAV2 ITR |
| Sequence - G | - | - | - |
| Sequence - H | - | - | - |

APPROVED BY :



primer name A : EF1a-C_F

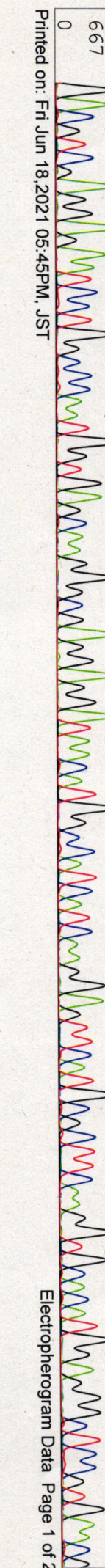
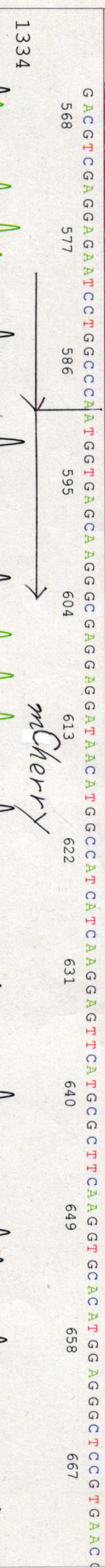
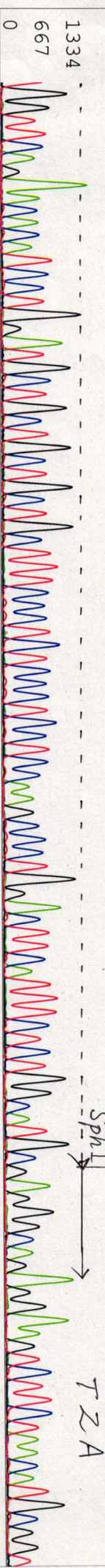
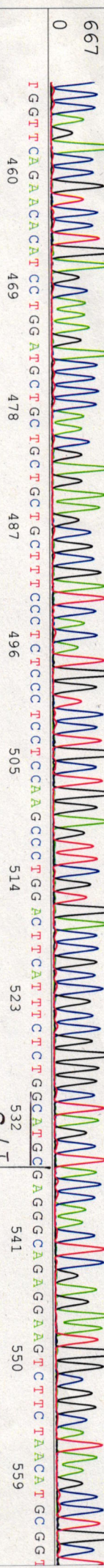
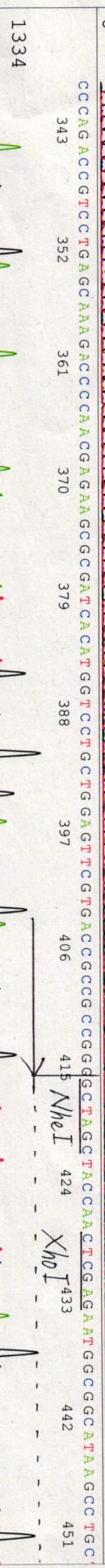
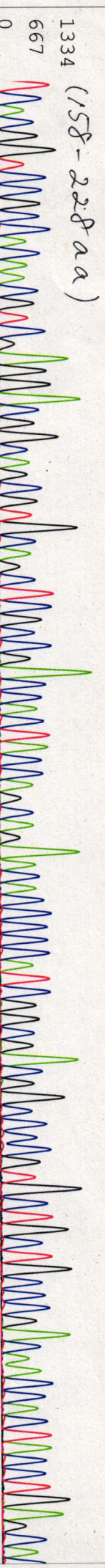
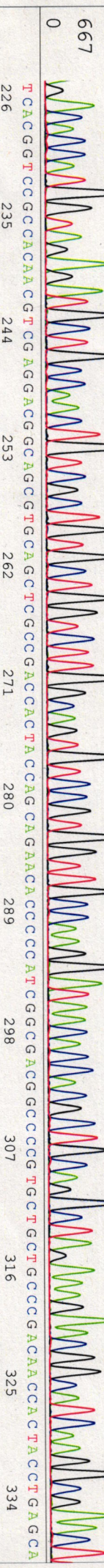
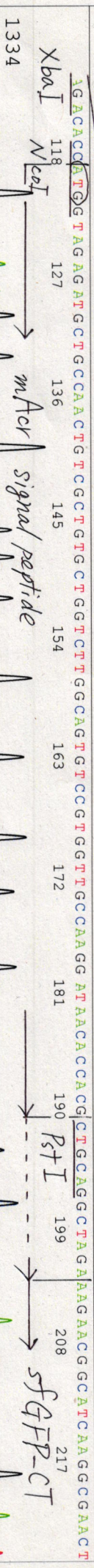
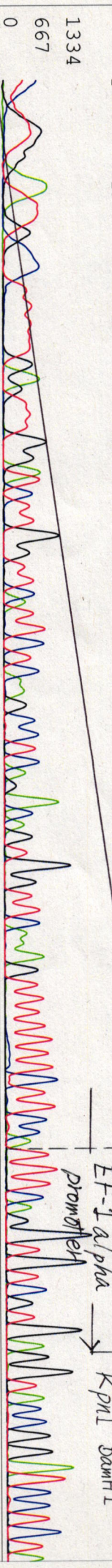
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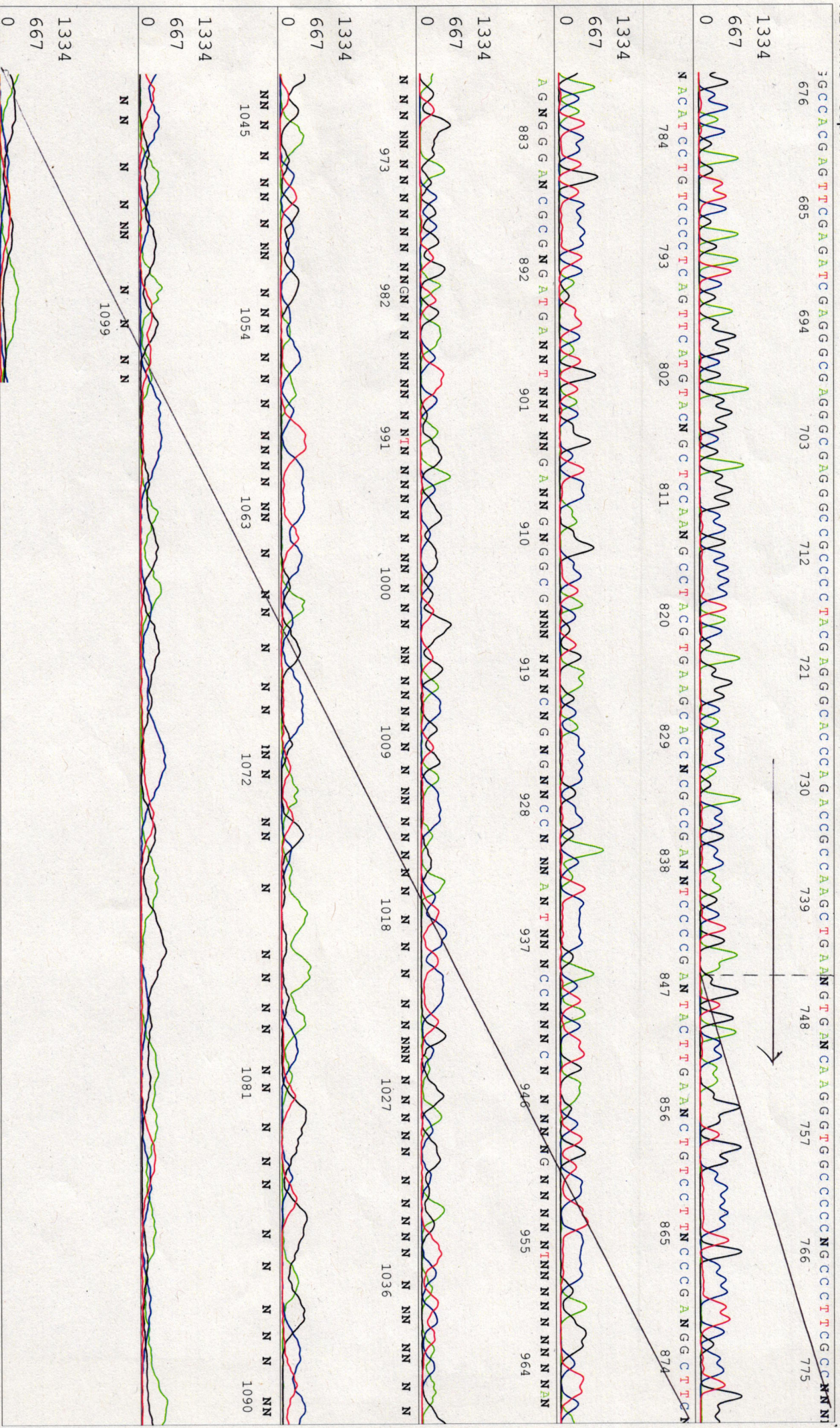
Version 6.0 HiSeqV Bases: 878

Plate Name: 20210618 Kitaku

S/N G:154 A:98 T:82 C:101
KB.bcp
KB 1.4.1.8 Cap.11

1 NNN NNNNN INNNNNNN N N NNTN GAN TTT G GANNCTT G GTTONTTCTTNAAGCCCTCA GACAGTGGTTCAAA GTTTTTCCTCCNTTTCAAGGTTCCTG GGTACCCGATCCCT





S/N G:66 A:51 T:26 C:37

KB.bcp

KB 1.4.1.8 Cap:5

D07910A2_B1F2_1_hGHPolyA-R

KB_3500_POP7_BDTV3.mob

Pts 1522 to 12901 Pk1 Loc:1499

Version 6.0 HISQV Bases: 912

Jun 18, 2021 03:39PM, JST

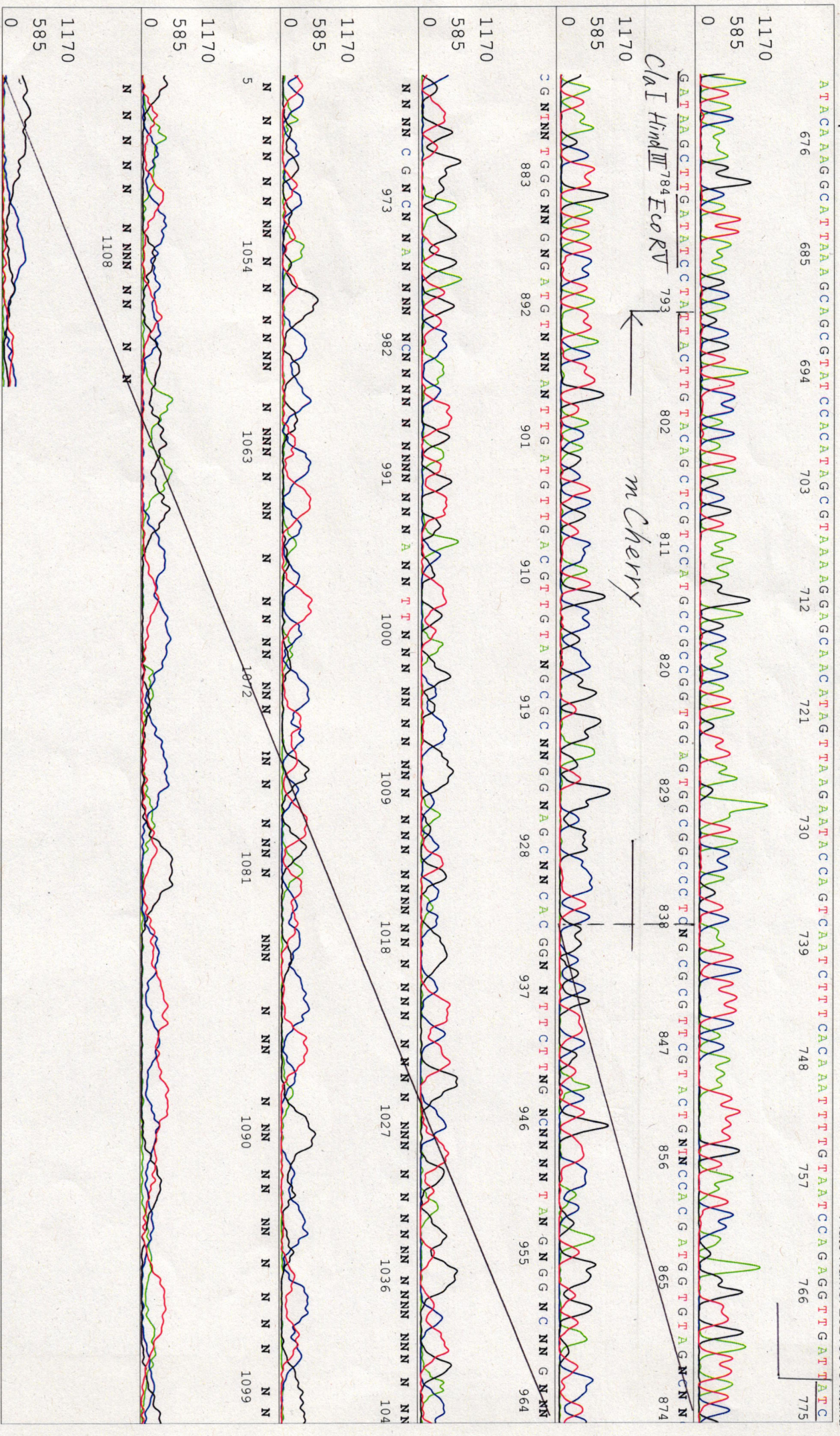
Jun 18, 2021 04:06PM, JST

Spacing: 11.33 Pts/Panel1350

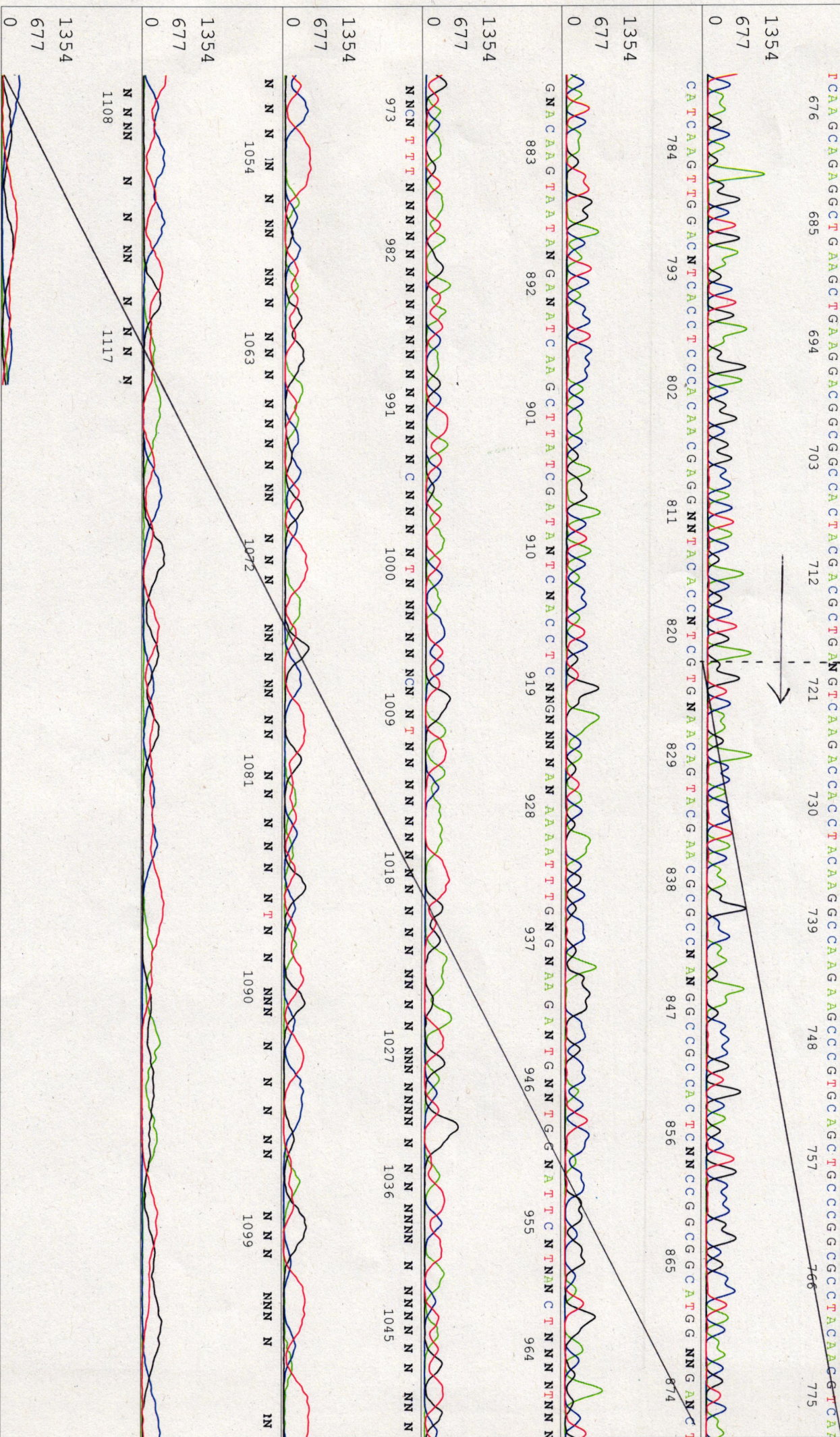
Plate Name: 20210618_kitaku

primer name *B* : hGHPolyA-R
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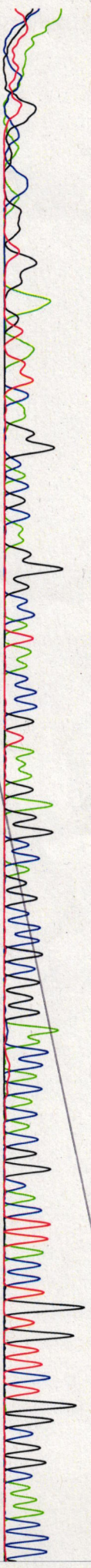
S/N G:43 A:30 T:34 C:40
KB bop
KB 1.4.1.8 Cap:5

primer name P: EF1a-M_R
5-ACTTCCAACCCGGAAGCTCG-3'

D07910A2_B1F2_1_EF1a-M_R
KB_3500_POP7_BDTV3.mob
Pis 1455 to 13234 Pk1 Loc:1432
Version 6.0 HISQV Bases: 437

Jun 24, 2021 03:16PM, JST
Jun 24, 2021 03:50PM, JST
Spacing: 11.96 Pts/Panel1350
Plate Name: 20210624 Kitaku

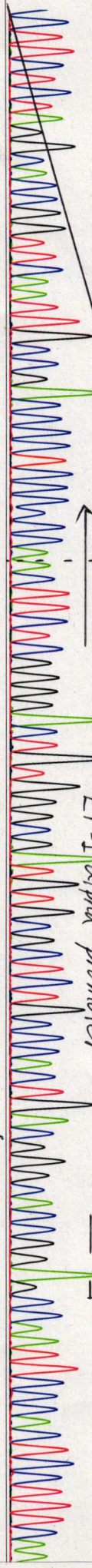
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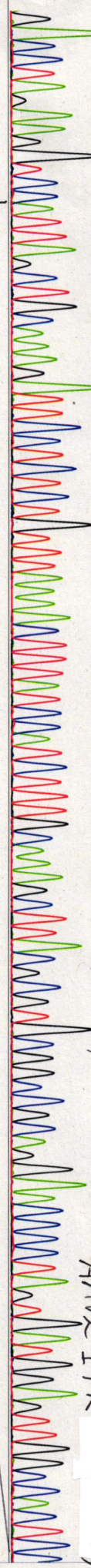
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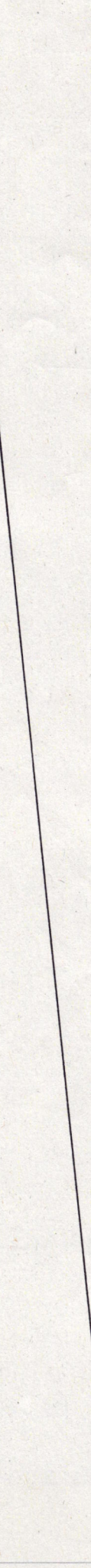
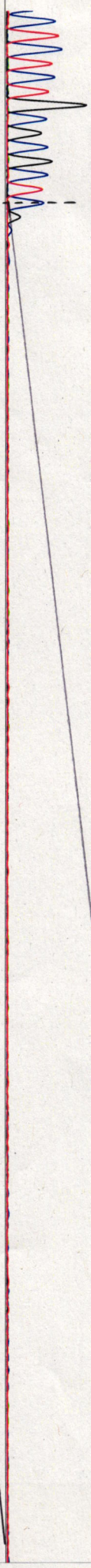
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GACCTAGAAGGTTCCATTAGCTGCAAAAGATTCCTCTCTGTTAAACCTTATCCATCTTGCAAAGCTTACCGGTGGCGCCGAGGAACCCCTAGTAGAGTTGGCCACTCC
349 352 355 358 361 364 367 370 373 376 379 382 385 388 391 394 397 400 403 406 409 412 415 418 421 424 427 430 433 436 439 442 445 448 451 454 457 46



:CTCTCTGGCGCTN
0 463 466 469 472



1112
556
0

EF-1a/pba promoter

HindIII MluI NotI

AAV2 ITR

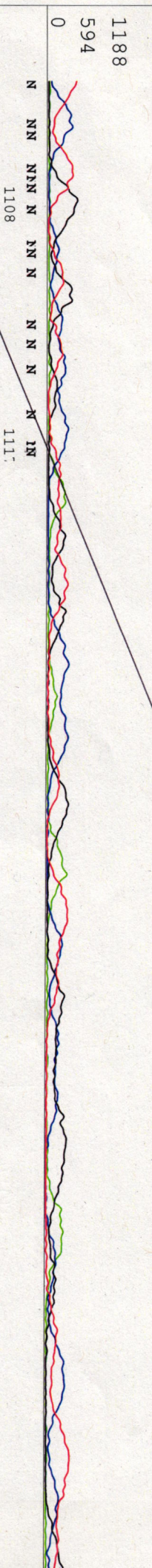
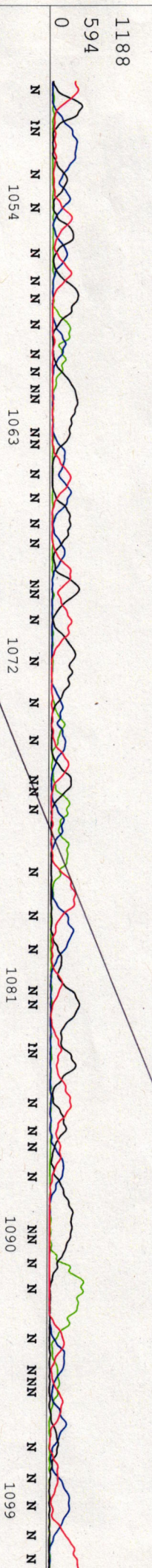
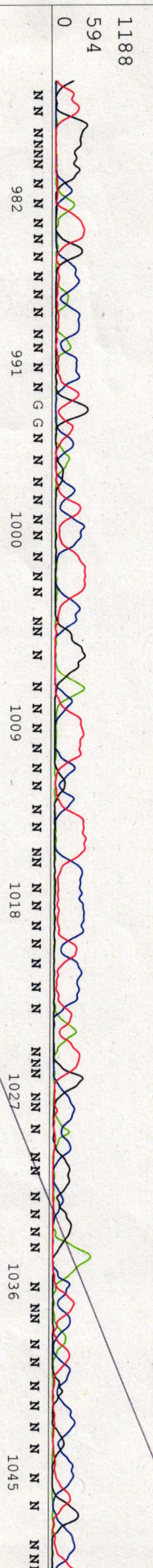
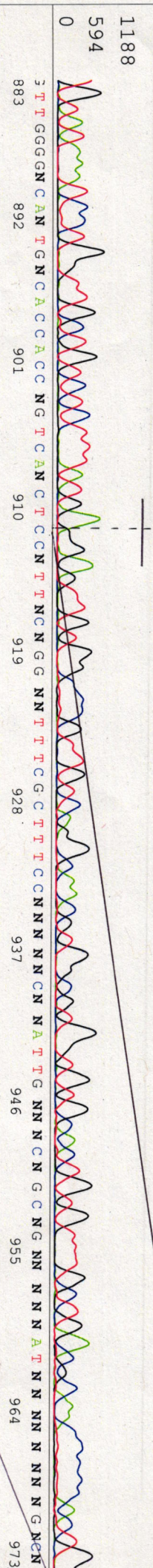
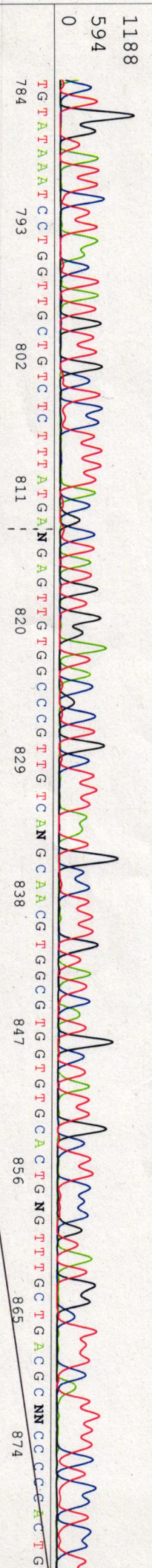
S/N G:102 A:69 T:5 primer name *E* : mCherry-check_F
KB.bcp
KB 1.4.1.8 Cap:2 5'-TGAGAGGGCTCCGTAACG-3'

D07910A2_B1F2_1_mCherry-check_F
KB_3500_POP7_BDTV3.mob
Pfs 1494 to 12943 Pk1 Loc:1471
Version 6.0 HISQV Bases: 896

Jun 18, 2021 04:06PM, JST
Spacing: 11.42 Pfs/Panel1350
Plate Name: 20210618 Kitaku



CTGGTATTCTTAACCTATGTTGCTCCCTTTTACCGCTATGTTGATACCGCTGCTTTAAAGCTTTGATCATGCTATTGCTCCCGTATGCTTCACTTCTCCCTCT



primer name F : f1ori_F

5-AGAAAGGAAAGGAAAGAAAGC-3'

D07910A2_B1F2_1_f1ori_F_C11_08_AB124

D07910A2_B1F2_1_f1ori_F

KB_3500_POP7_BDTV3.mob

Pts 1524 to 15318 Pk1 Loc:1501

Version 6.0 HISQV Bases: 158

Inst Model/Name 3500/3500 Instrument

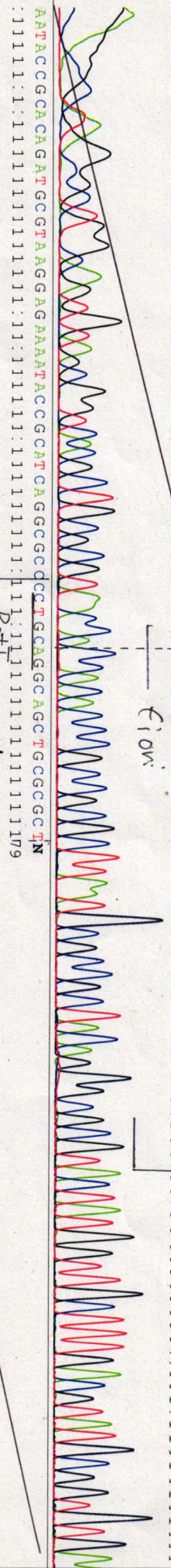
Jun 18, 2021 03:39PM, JST

Jun 18, 2021 04:06PM, JST

Spacing:-13.25 Pts/Panel1350

Plate Name: 20210618 kitaku

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