

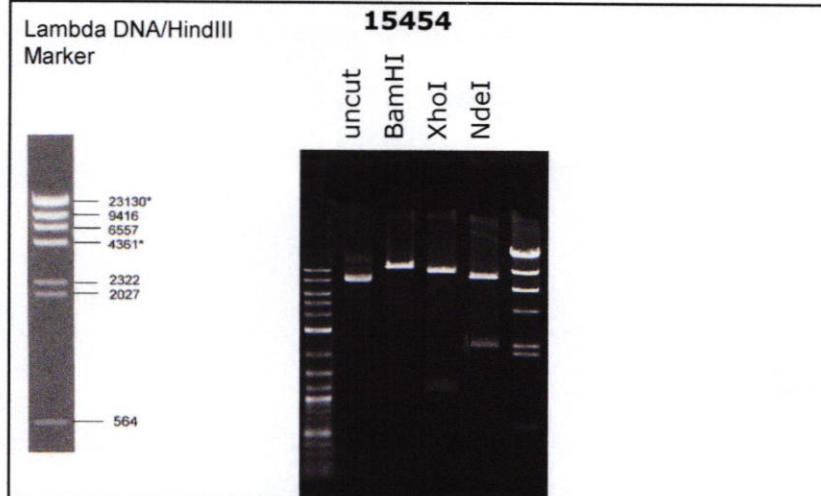


**RIKEN DNA BANK**

clone name : tFucci(CA)2.2/pCSII-CMV

- Clone ID : RDB\_15454
- Lot : 16942\_A9Ct
- 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
<b>BamHI</b>	<b>10.7</b> kbp
<b>XhoI</b>	<b>9.6, 1.1</b> kbp
<b>NdeI</b>	<b>8.0, 2.8</b> 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	Pr0517	mCherry-C_R	insert 5'(tFucci(CA)2.2 5'),CMV pro.2
Sequence - B	Pr0250	PRE_rev	WPRE,insert 3'(tFucci(CA)2.2 3')
Sequence - C	Pr0453	mCherry-C_F	insert mid(tFucci(CA)2.2)
Sequence - D	Pr0008	Amp_R	AmpR,CMV en.1
Sequence - E	Pr0132	HIVgp_R1	HIV-1 psi,5'LTR
Sequence - F	Pr0258	env_F	cTTP_CTS,CMV en.2,CMV pro.2
Sequence - G	Pr0767	mCherry-M_F1	insert mid(tFucci(CA)2.2)
Sequence - H	Pr0743	EGFP-M_R	insert mid(tFucci(CA)2.2)
Sequence - I	Pr0606	BGH_rev2	bGH pA,3'LTR
Sequence - J	Pr0110	SV40pro_F	SV40 pro_ori,EM7 pro,Zeo,SV40 pA

APPROVED BY :



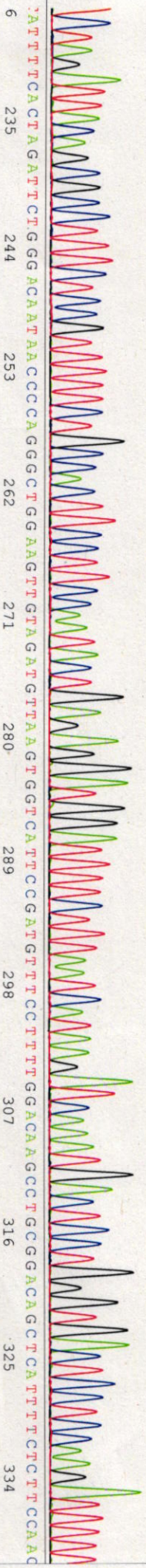




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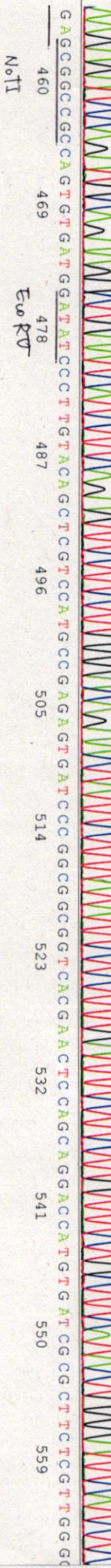
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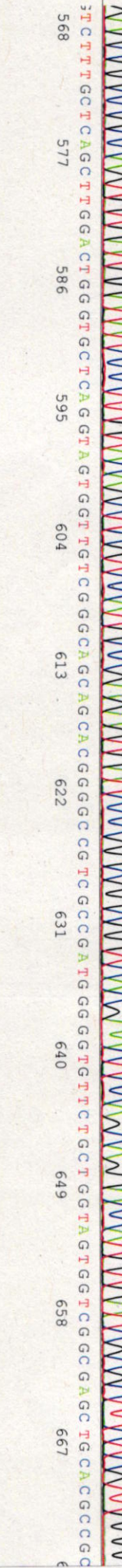
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A A G A G A T C C A G A T G C A G A A G C C T G A A T C A T C T T C A G A G T T C T T G G G A C A G A C T A T T C T T A T A T T C T C T T T G A T T C T T C T T G T T C T T G T T C T T C A T A C T G G A T T C A T C T C 343 352 361 370 379 388 397 406 415 424 433 442 451 XhoI



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T C T T G C T C A G C T T G G A C T G G G T G C T C A G G T A G T G T T G T C C G G C A G C A C C G G G C C G T C G C C G A T G G G G T G T T C T G T G T A G T G G T C G G C G A G C T G C A C G C C G C 568 577 586 595 604 613 622 631 640 649 658 667



S/N G:198 A:162 T:124 C:328

primer name C : mCherry-C\_F

15454\_15454\_A9Ct\_mCherry-C\_F

KB\_3500\_POP7\_BDTV3.mob

Apr 02, 2019 01:40PM, JST

KB\_14.1.8 Cap:4

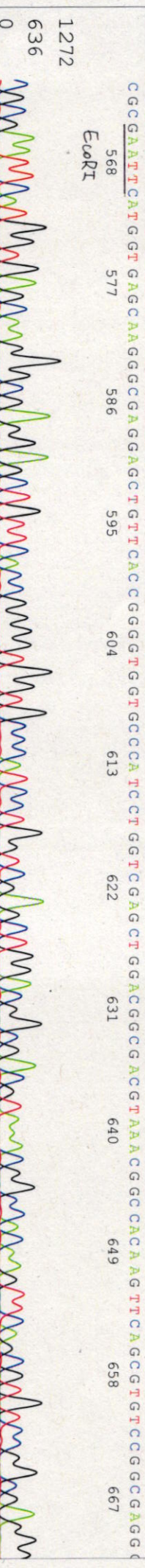
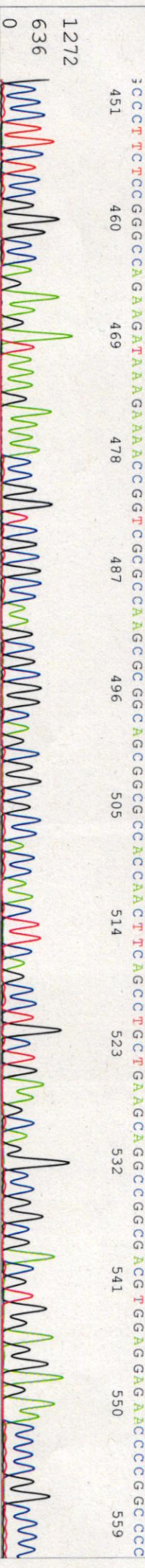
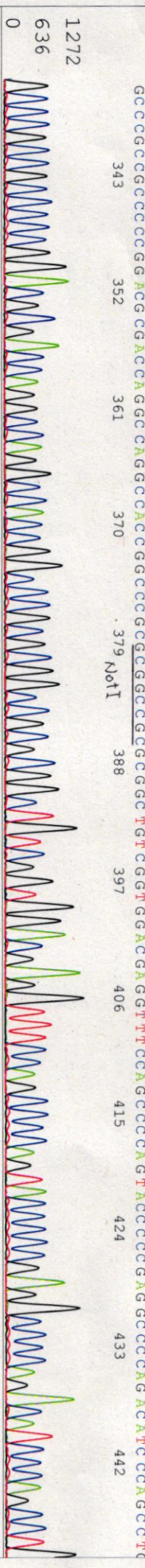
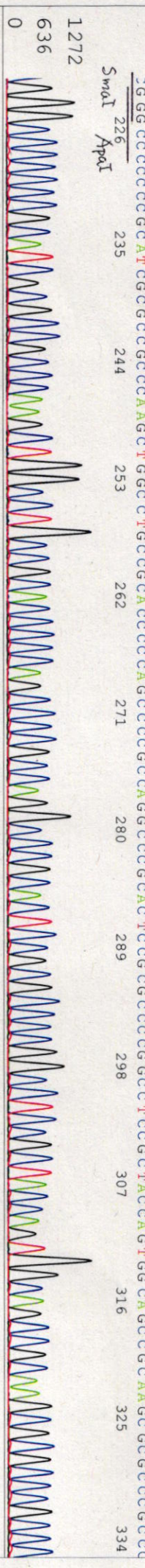
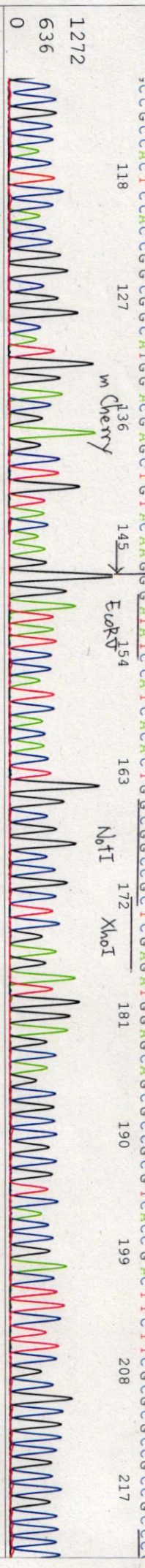
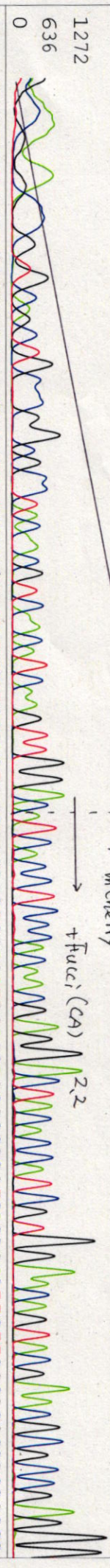
5'-ACTACGACGCTGAGGTCAAG-3'

Pls 1516 to 13155 Pk1 Loc: 1493

Version 6.0 HiSQV Bases: 884

Spacing: 11.62 Pts/Panel1350

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S/N G:27 A:24 T:19 C:22

primer name  $\text{E}$  : Amp\_R

15454\_16942\_B2JdF\_Amp\_R

KB 1.4.1.8 Cap:7

Oct 17, 2022 05:25PM, JST

KB.bcp

5'- GCGACACGGAAATGTTGAATA -3'

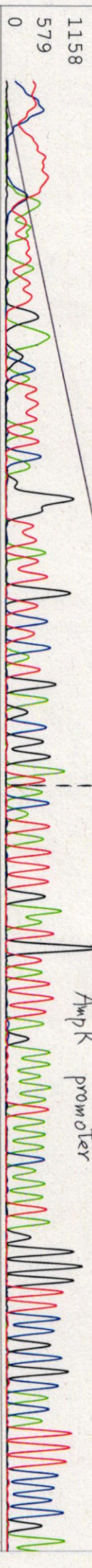
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Pls 1403 to 13636 Pk1 Loc:1380

Oct 17, 2022 05:54PM, JST

Version 6.0 HISQV Bases: 919

AmpR promoter



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118 127 136 145 154 163 172 181 190 199 208 217 226

GTGTT GGAGG TCCG TGA GTA GTGC CGG GAG CAAAATTTAAGCTTACAACAA GGCAA GGT TGAC CGACAATTGCA TGAAGAATCTGCC TTAGGTTA GGC GTTTTGGC GTGCTTCG

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

CGATGTACGGGGCCAGATATACGGCTTGACATTGATTTATGACTAGTTATTAAGTAATCAATTAACGGGGTCATTAGTTCAATA GCCCA TATATGGAGTTCCGGTTACATAACT

13 352 361 370 379 388 397 406 415 424 433 442 451

MuI SpeI CMT enhance

TACGGTAAATGGCCCGCCCTGGCTGACCCGCCAAGAACCCCGCCCAATTGACCTCAATTAATGACGATGTTCCCA TAGTAACGCCAATAGGACTTTCCATTGACGTC AATGG

460 469 478 487 496 505 514 523 532 541 550 559 568

GTGGAGTATTTACCGGTA AACCTGCCCACTTGGCA GTACATCAAAGTGTA TCAATAAGGCAAA GTACGCCCTTATTTGACGCTCAA TGACGGTA AATGGCCCGCCGCC TGGCATTA TGCC

3 577 586 595 604 613 622 631 640 649 658 667 676

KleI

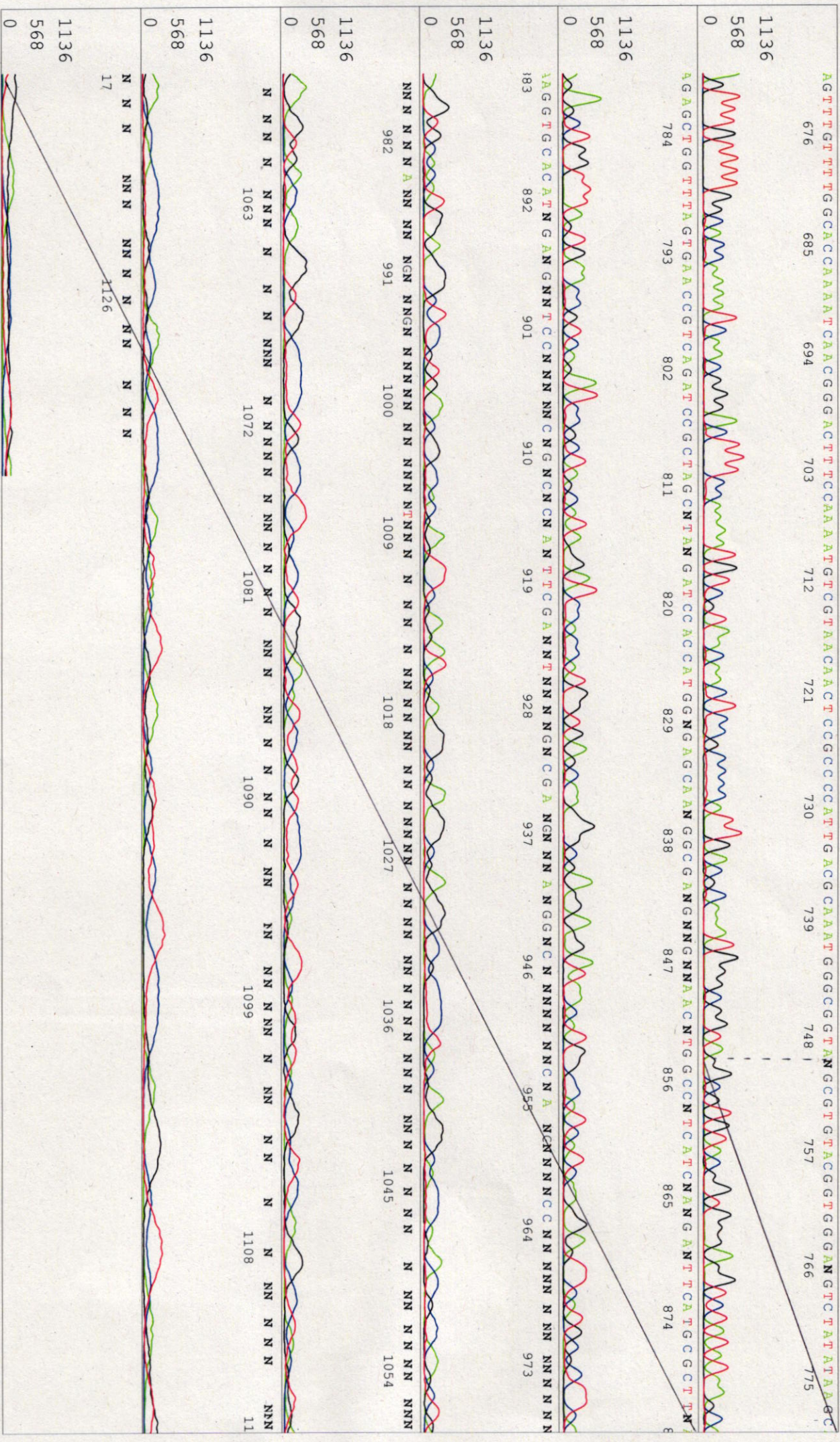
















SN G:25 A:18 T:18 C:34

15454\_16942\_B2JdF\_EGFP-M\_R

Oct 18, 2022 05:06PM, JST

KB bcp

primer name H : EGFP-M\_R

KB\_3500\_POP7\_BDTV3.mob

Oct 18, 2022 05:35PM, JST

KB1.4.1.8 Cap:8

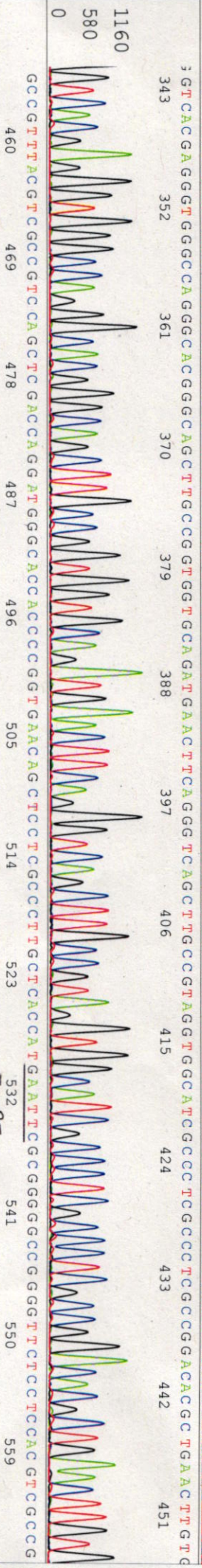
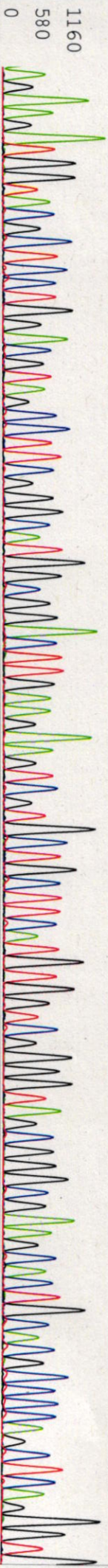
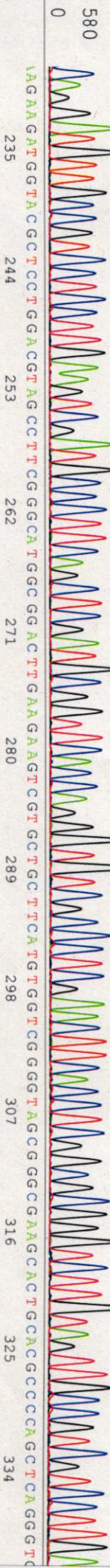
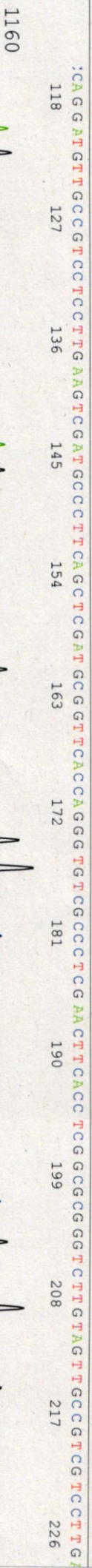
5'-TGTTCTGCTGGTAGTGGTCG-3'

Pls 1440 to 13594 Pk1 Loc:1417

Spacing:12.3 Pts/Panel1350

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← tF<sub>u</sub>cc<sub>i</sub> (CA) 2.2



ECORI





S/N G:332 A:316 T:302 C:440

KB.bcp

KB\_3500\_POP7\_BDTV3.mob

Apr 02, 2019 01:40PM, JST

KB 1.4.1.8 Cap:13

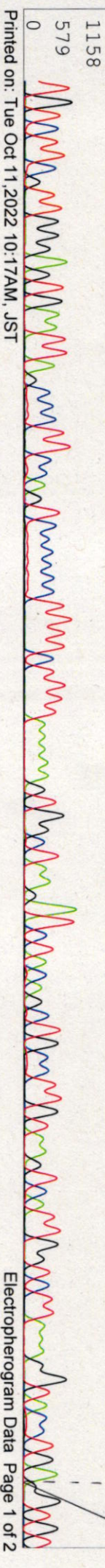
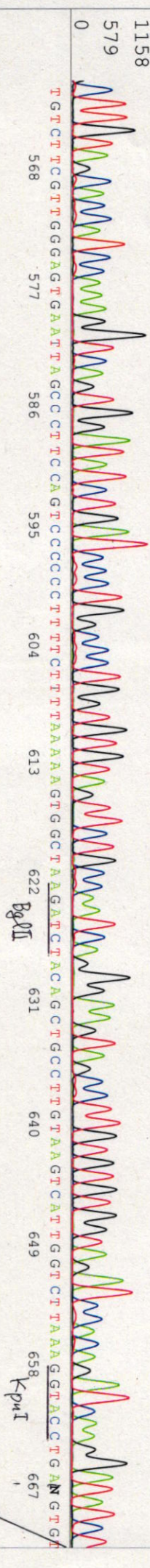
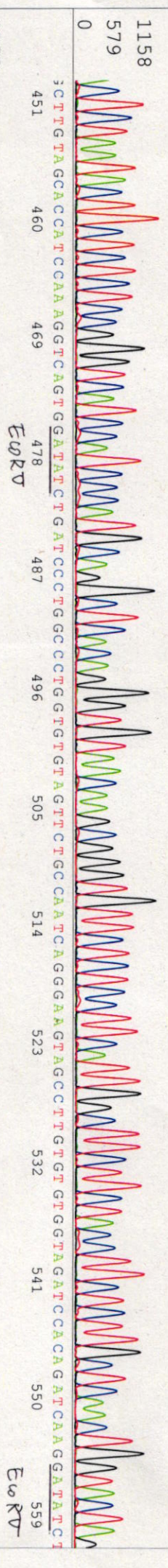
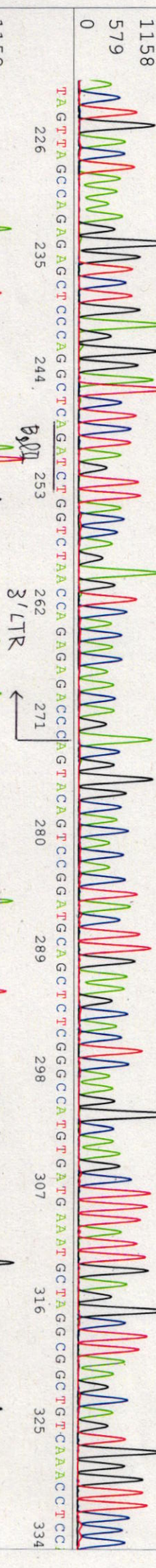
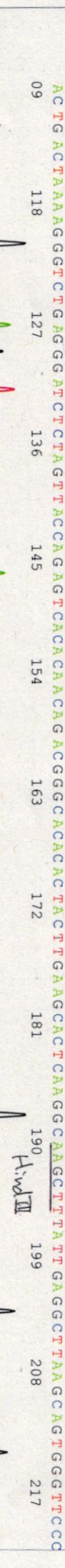
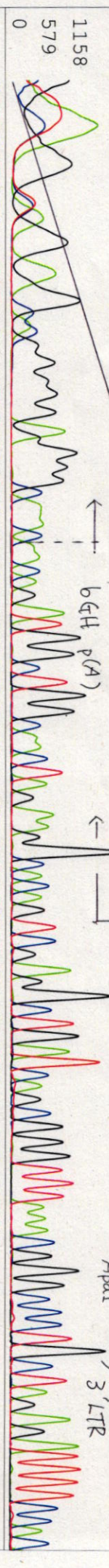
5'-TATTAGGAAAGGACAGTGGG-3'

Pls 1516 to 13236 PK1 Loc:1493

Apr 02, 2019 02:07PM, JST

Primer name I : BGH\_rev2

Version 6.0 HiSeq Bases: 843



S/N G:186 A:165 T:164 C:248  
 KB.bcp  
 KB 1.4.1.8 Cap:16  
 primer name **J** : SV40pro\_F  
 5'-TATTATGCAGAGGCCGAGG-3'

15454\_16942\_A9Ct\_SV40pro\_F\_F01\_16\_ABIZ4  
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 PIs 1471 to 13180 Pk1 Loc:1448  
 Version 6.0 HiSQV Bases: 907

Inst Model/Name 3500/3500 Instrument  
 Apr 02,2019 01:40PM, JST  
 Apr 02,2019 02:07PM, JST  
 Spacing:11.76 PIs/Panel1350  
 Plate Name: 20190402\_mix



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 592 1184  
 50 40 p(A)

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 592 1184  
 50 40 p(A)

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 592 1184  
 50 40 p(A)

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