

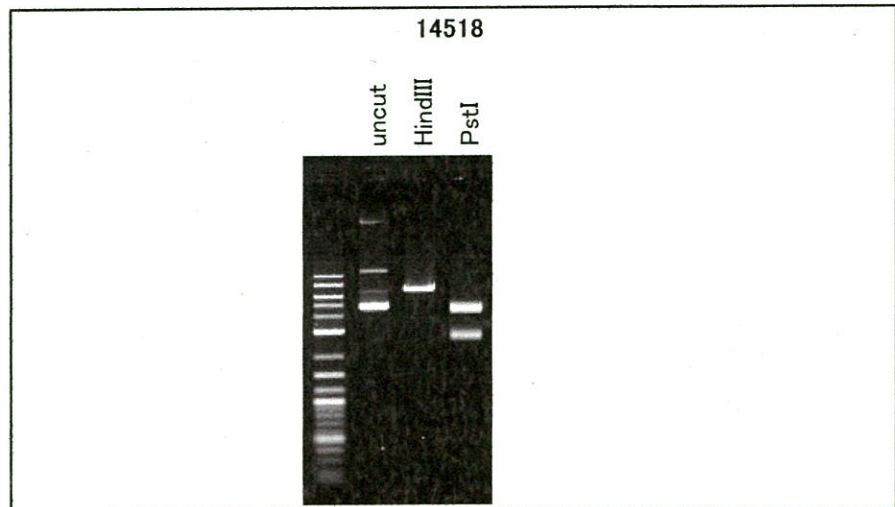
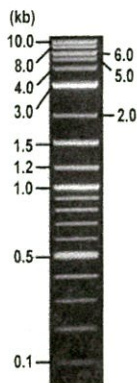


RIKEN DNA BANK

clone name : pGL4_ifng-1000-luc

- Clone ID : RDB_14518
- Lot : 14518_A6Lf
- 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

2-Log DNA Ladder
(NEB#N3200L),
125 ng/well



Electrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>HindIII</u>	<u>6.7</u> kbp
<u>PstI</u>	<u>4.2, 2.5</u> kbp
	kbp
	kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	pGL4-4174F	Sequence - E	-
Sequence - B	Luc_R	Sequence - F	-
Sequence - C	SV40pro_R2	Sequence - G	-
Sequence - D	SV40pro_F	Sequence - H	-



APPROVED BY :

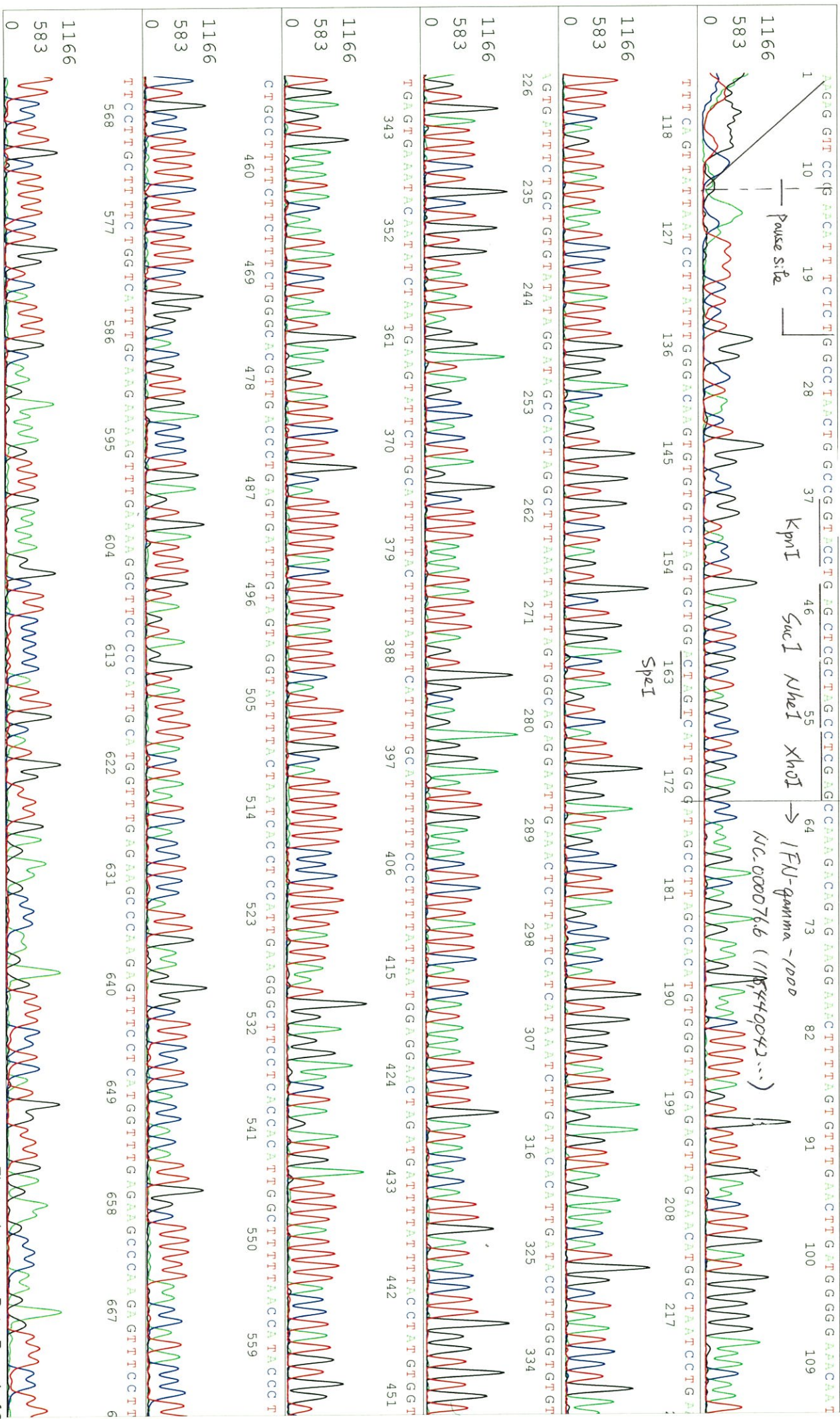
S/N G:22 A:35 T:49 C:34

KB.bcp

KB 1.4.1.8 Cap:2

primer name A : pGL4-4174F

5-TAGCAAAATAGGCTGTCCCC-3'



primer name B : Luc_R

5'-ATGTCACACCTCGATATGTG-3'

D03972A4_A6Lf_2_Luc_R_D11_04_ABI08

D03972A4_A6Lf_2_Luc_R

KB_3500_POP7_BDTV3.mob

Pis 1417 to 14102 Pk1 Loc:1394

Version 6.0 HSQV Bases: 1025

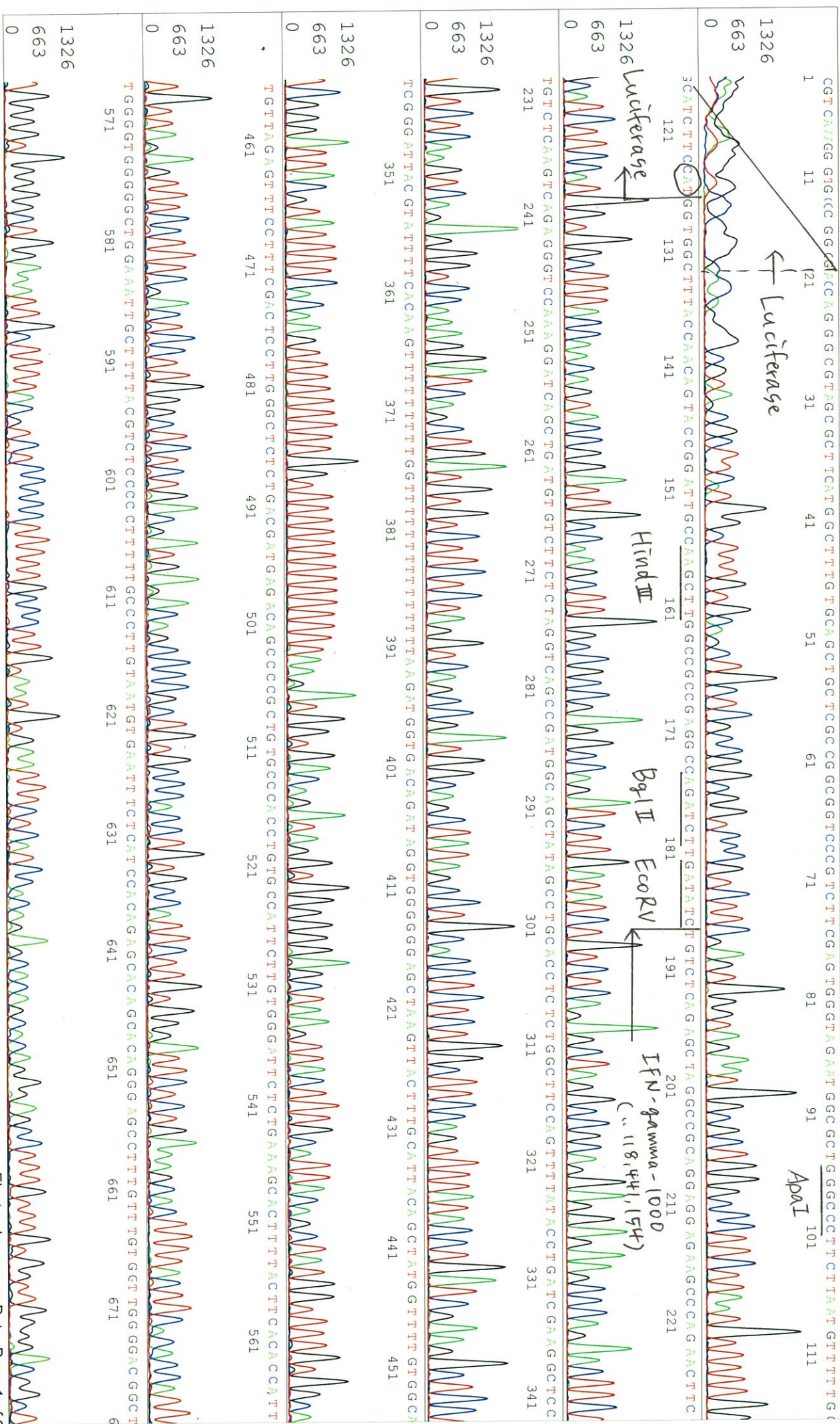
Inst Model/Name 3500/3500 Instrument

Jan 18,2017 10:01AM, JST

Jan 18,2017 10:27AM, JST

Spacing:12.56 Pts/Panel1350

Plate Name: 20170118 Kitaku



S/N G:33 A:30 T:32 C:30

D03972A4_A6Lf_2_Luc_R

Jan 18, 2017 10:01AM, JST

KB bcp

KB_3500_POP7_BDTV3.mob

Jan 18, 2017 10:27AM, JST

KB 1.4.1.8 Cap:4

Pts 1417 to 14102 Pk1 Loc:1394

Spacing:12.56 Pts/Panel1350

GAATAAAGGAAAFCTCTTGGGCTTCTCAAACCATGAGGAAACCTCTTGGGCTTCTCAAACCATGCAATTGGGGAAAGCCCTTTTCAAACTTTTCTTGCAAAATGACCAAGAAAGCCAAAG

1326



81 691 701 711 721 731 741 751 761 771 781 791

663



GAAAGGGTATGGTTAAAAAACCCTGTGGTGAAGAGCCCTTCAATGGAGGTGATTAATAAATACTACTACAAA TCACTCA GGGTCAACGTGCCAGAAAGAAAGCA

1326



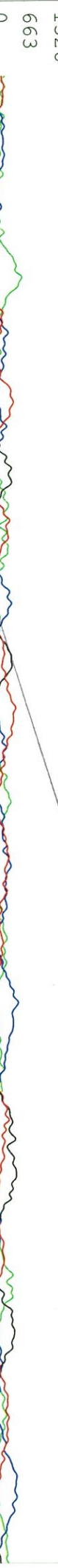
801 811 821 831 841 851 861 871 881 891 901

663



GACCACATAGGTAAAAATCAATCTAGTTCCTCCATTA TAAAA GGGAAAAA TGC AAAATGAAAATAAAA GTAAAAA TGC AAGAA TACTTCA TTAGATTTGTTATTTCA

1326



911 921 931 941 951 961 971 981 991 1001

663



CTCAAACACCC AAAGTATCA/TGTGATTCAGGATTTATGATGATAGAAAGTTTCAATTTCTCTGGCCACTAAATAA TTTAAAGCCTAGTGGCTAATCC

IFN-gamma-1000 ←
NC-000076.6, (118,440,331...)
401h

S/N G:199 A:162 T:171 C:191

primer name C : SV40pro_R2

KB_3500_POP7_BDTV3.mob

Jul 26, 2019 02:36PM, JST

KB:bcpc

5:-GACTTTCACACACCCTGGTTGC-3'

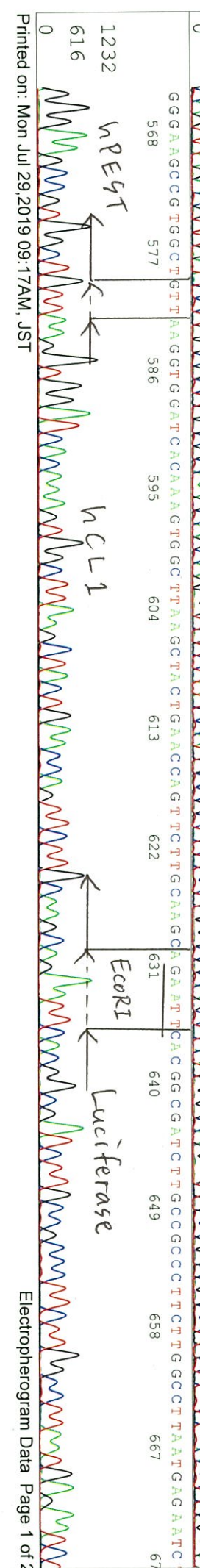
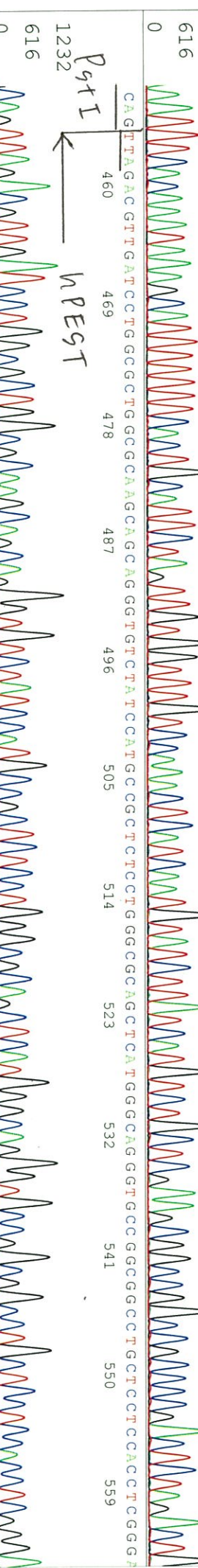
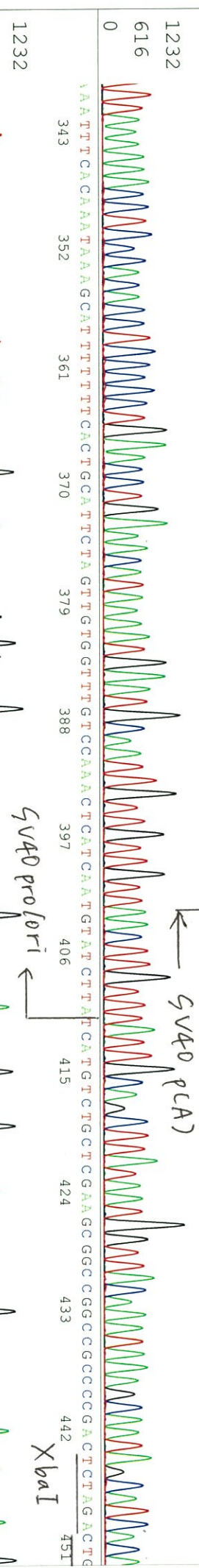
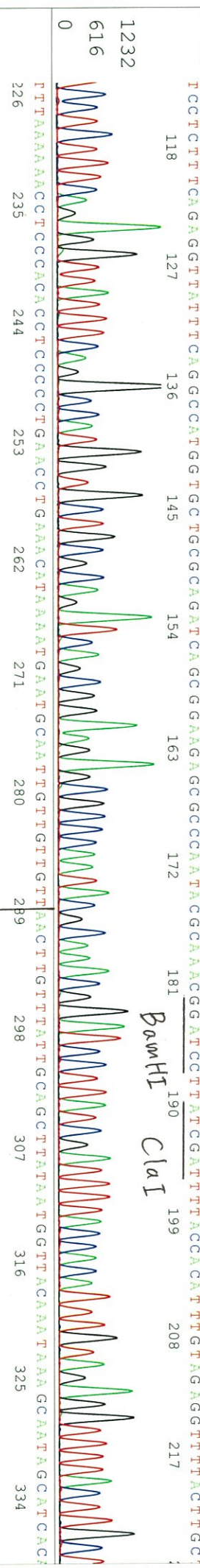
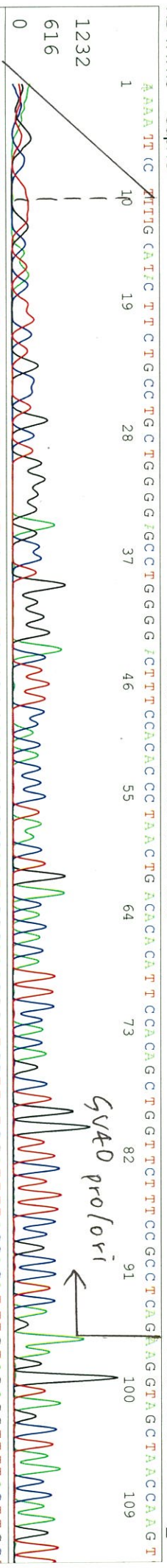
Pis 1377 to 12715 Pk1 Loc:1354

Spacing:11.22 Pts/Panel1350

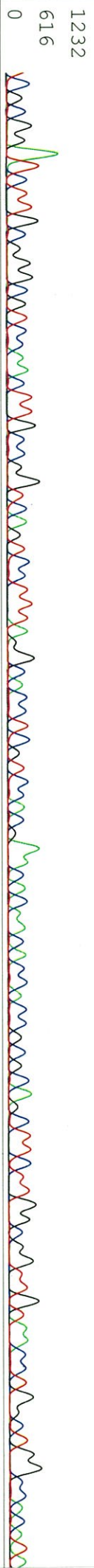
KB 1.4.1.8 Cap:18

Version 6.0 HISQV Bases: 1011

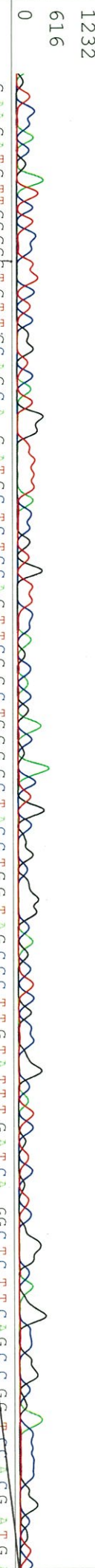
Plate Name: 20190726_mix



TCCGCGGATCTTGGCGGCGGTCCAACTTGCCGGTCAAGTCCCTTTAGGCACTCCGTCACGAACAACAACACCAACCGCCGCGCAAGCTTCTTGGCGGTGTAACTGGCTGGGCCACAAT

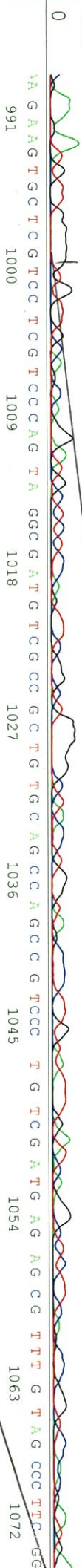


GTCACGATCTCCTCTCTCGGTCAATGGTTTACCGTGTCCAGCACGACATGCCGGCGCAAGCTCCGCGGATCGTCGGGCAAGCCGGCCGGCGTG

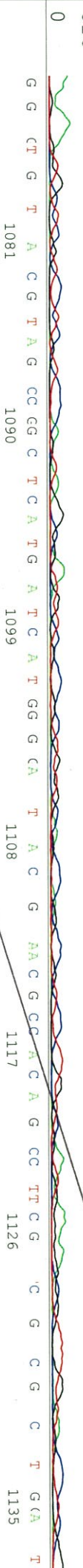


GAA GAT GTT GG GTT GTT GTT GCA GCA GAT GC TCT CCA G T TCG GCT GGG GCT ACC TGG T A G C C C T T G A T T T G A T C A G G C T C T C A G C C C G C T C C A C G A T G

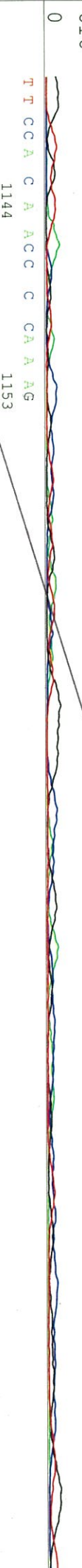
← Luciferase



AA GAAGTGCTCGTCCCTCCGTTCCCAAGTA GGC GAT G TCG CC GCTGTGCAGCCAGCCGTCCTTGTAATTTGATCA GGC TCTCAGCCGGCTCCACGATG



GG CTG TACG TAGCCGGCTCAATGATCTCATGATCTCAATGGGCA TAC GACGAAACGCCCAACAAGCC T T C G C G C G C T T G A G C C C T T C G G



TTCCA CAAACC CCAAAG

S/N G:74 A:82 T:88 C:135
 KB.bcp
 KB 1.4.1.8 Cap:4

primer name **D**: SV40pro_F
 5'-TATTATGACAGAGGCCGAGG-3'

D03972A4_A6L1_1_SV40pro_F_D08_04_ABI08
 D03972A4_A6L1_1_SV40pro_F
 KB_3500_POP7_BDTv3.mob
 Pts 1466 to 13287 Pk1 Loc:1443
 Version 6.0 HiSeq Bases: 974

Inst Model/Name 3500/3500 Instrument
 Dec 22, 2016 12:06PM, JST
 Dec 22, 2016 12:32PM, JST
 Spacing:12.06 Pts/Panel1350
 Plate Name: 20161222_kitaku

