

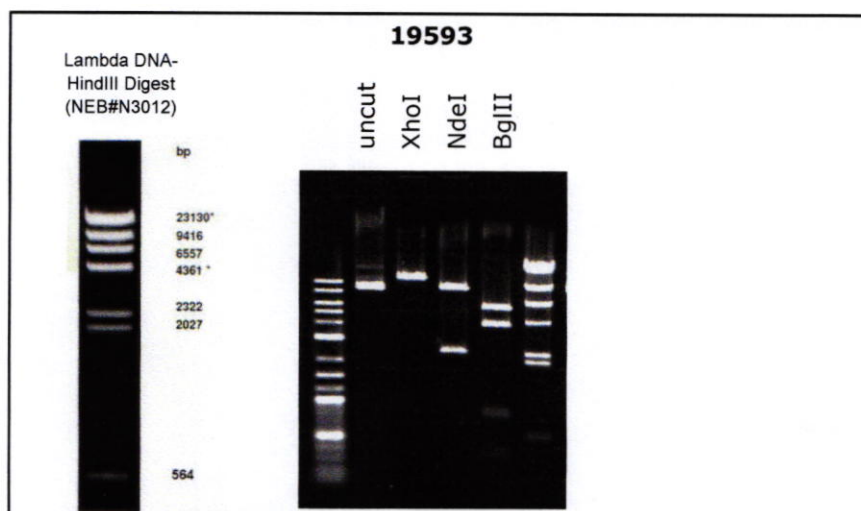
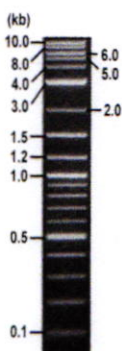


**RIKEN DNA BANK**

clone name : **CSII-CA-MCS-IRES-Hyg**

- Clone ID : RDB\_19593
- Lot : 19593\_B2D5
- 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>XhoI</b>	<b>11.4</b> kbp
<b>NdeI</b>	<b>9.0, 2.4</b> kbp
<b>BglII</b>	<b>6.0, 4.2, 0.8, 0.4</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	Pr0258	env_F	cPPT_CTS,CAG pro
Sequence - B	Pr0250	PRE_rev	WPRE,HygR
Sequence - C	Pr0037	IRES-R	IRES,CAG pro
Sequence - D	Pr0036	IRES-F	IRES,HygR
Sequence - E	Pr0016	CMV_Forward	CMV pro,5' LTR,HIV-1 psi
Sequence - F	Pr0885	bGH_rev3	bGH pA,5' LTR
Sequence - G	Pr0837	RRE_check	RRE
Sequence - H	Pr0731	SV40pro_ori_F	SV40 pro_ori,Zeo,SV40 pA
Sequence - I	Pr0008	Amp_R	AmpR pro,CMV en,CMV pro
Sequence - J	Pr0373	BGHpA_F	bGH pA,f1 ori,SV40 pro_ori

APPROVED BY :





S/N: 199 A: 270 T: 213 C: 265

KB: bcp

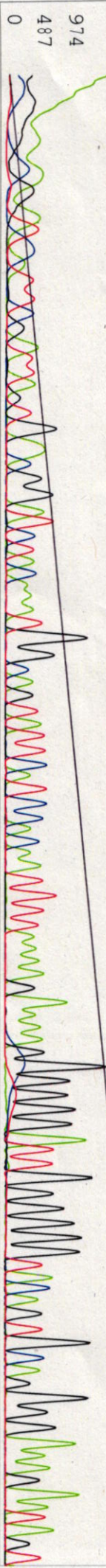
KB 1.4: 1.8 Cap: 9

primer name A : env\_F

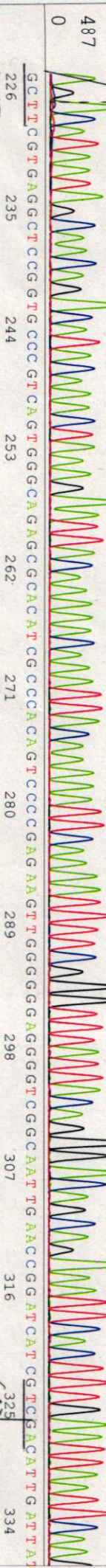
5' AAGGATAGAGAAGAGGTTGG 3'

KB\_3500\_POP7\_BDTv3.mob  
Pis 1447 to 13548 PK1 Loc: 1424  
Version 6.0 HiSeqV Bases: 909

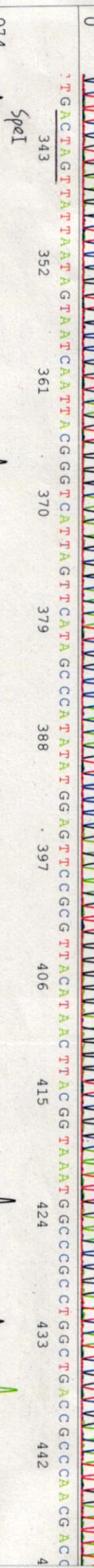
1 10 19 28 37 46 55 64 73 82 91 100 109



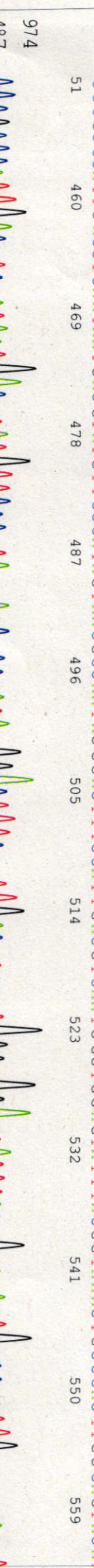
ANACATAATAAGCAAAGACATACAAACTAAAGAAATTACAAAACAAATTA  
118 127 136 145 154 163 172 181 190 199 208 217  
cPPT/CTS



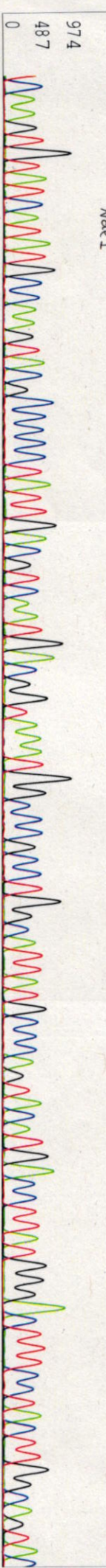
GCTTCGTGAGGCTCCGGTGGCCCCTCAGTGGGCAAGCCGCACATCGCCACA  
226 235 244 253 262 271 280 289 298 307 316 325 334  
HindIII SalI



TGACTAGTTATTAATAGTAATCAATTAACGGGTCATTAAGTTCATA  
343 352 361 370 379 388 397 406 415 424 433 442 451 460 469 478 487 496 505 514 523 532 541 550 559  
SpeI



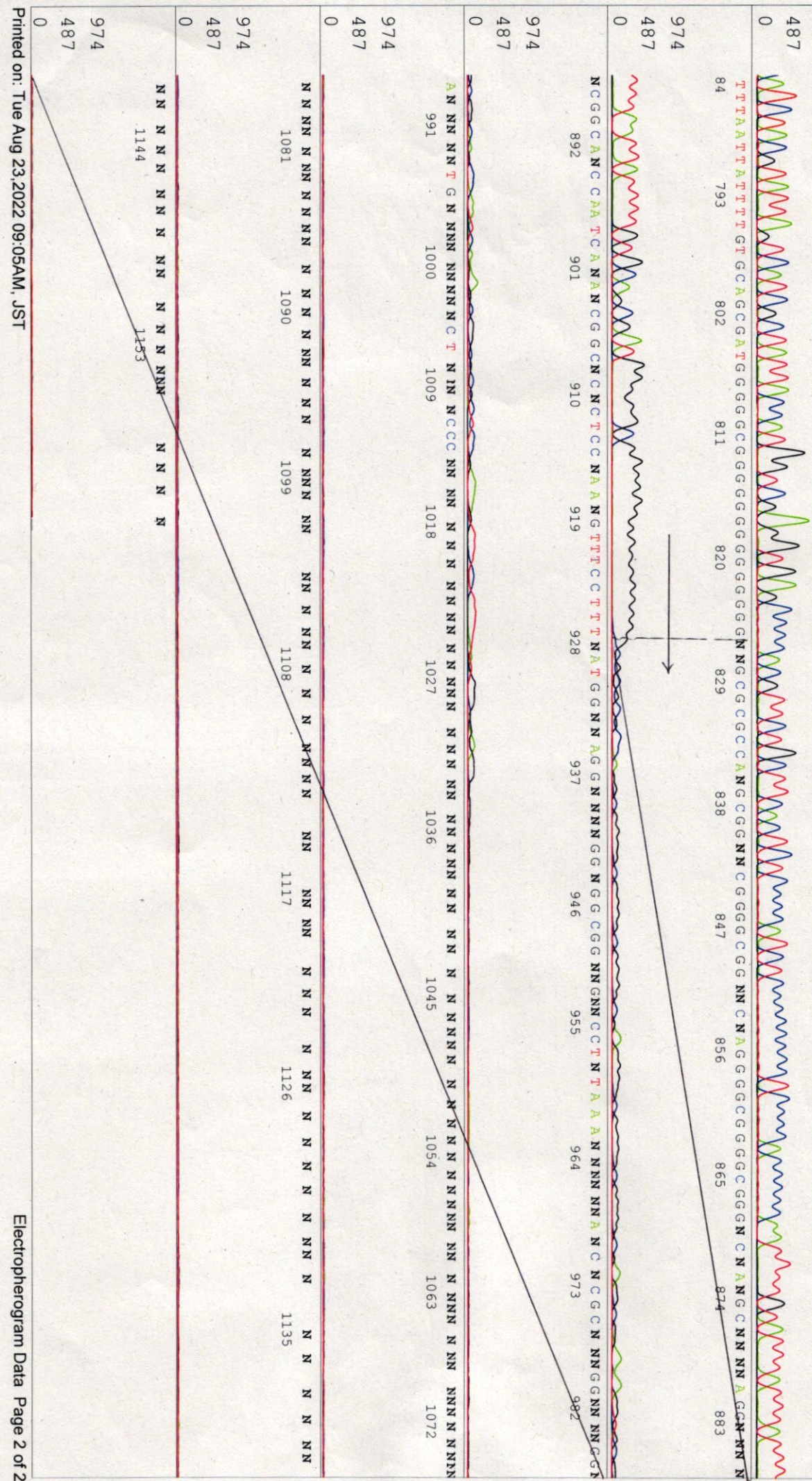
CCCCCCATTGACGTCATTAATGACGTATGTTCCCAATGTAACGGCCAA  
51 460 469 478 487 496 505 514 523 532 541 550 559  
NdeI



974 487 0  
Printed on: Tue Aug 23, 2022 09:05AM, JST



974 487 0  
 974 487 0  
 974 487 0  
 974 487 0













S/N G:320 A:147 T:90 C:225

primer name  :IRES-R

KB\_3500\_POP7\_BDTV3.mob

Apr 26, 2022 05:10PM, JST

KB.bcp

5'ACATATAGACAAACGCACACC 3'

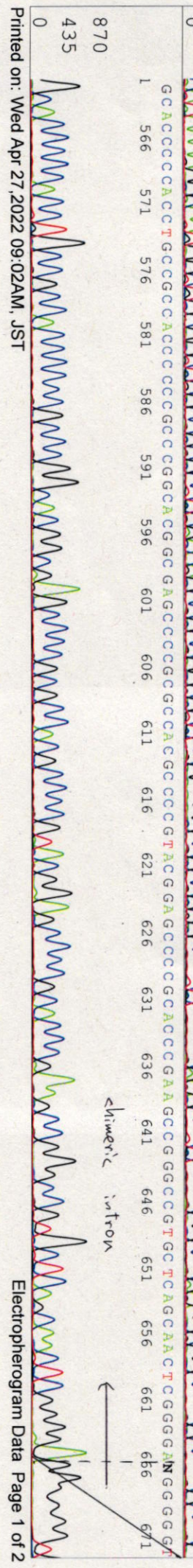
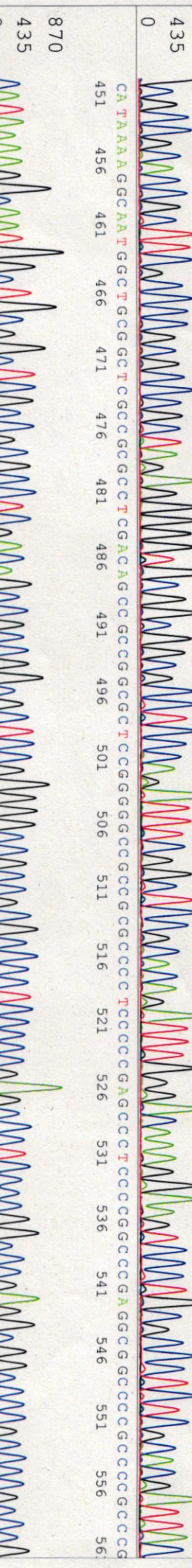
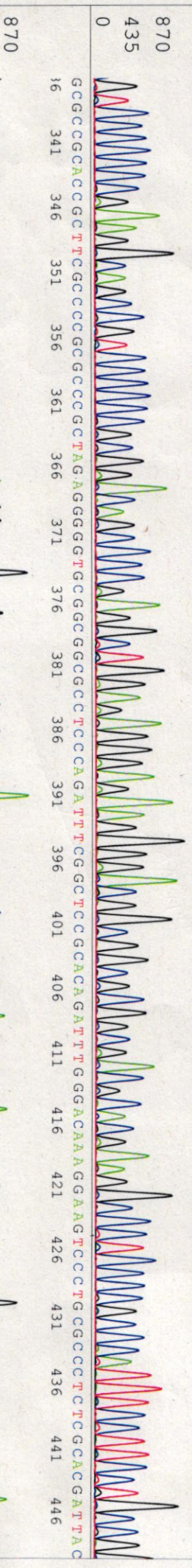
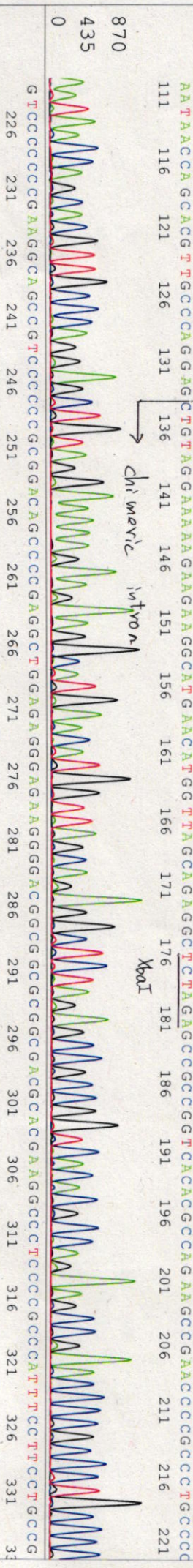
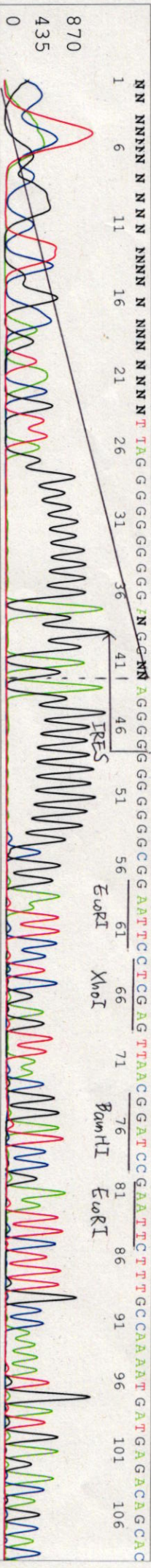
Pis 1319 to 13328 Pk1 Loc:1296

Apr 26, 2022 05:37PM, JST

KB 1.4.1.8 Cap:15

Version 6.0 HiSeq Bases: 649

Spacing: 11.84 Pts/Panel1350  
Plate Name: 20220426\_kitaku





S/N G:264 A:178 T:130 C:194

primer name  $\Phi$  : IRES-F

D08695A2\_B2D5\_3\_IRES-F

Apr 26, 2022 05:10PM, JST

KB.bcp

5- TTGTATGGGATCTGATCTGG -3'

KB\_3500\_POP7\_BDTv3.mob

Apr 26, 2022 05:37PM, JST

KB 1.4.1.8 Cap:18

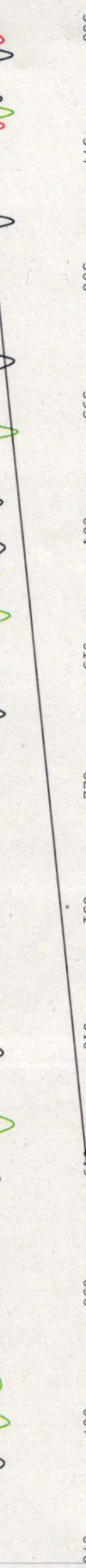
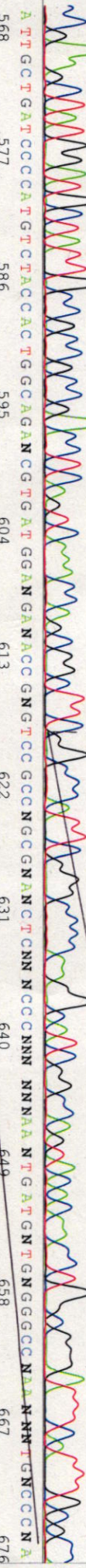
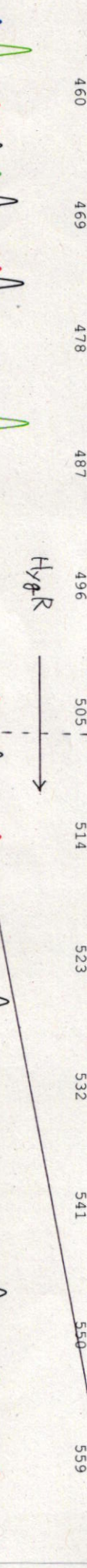
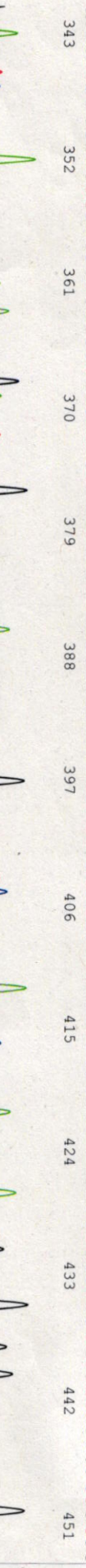
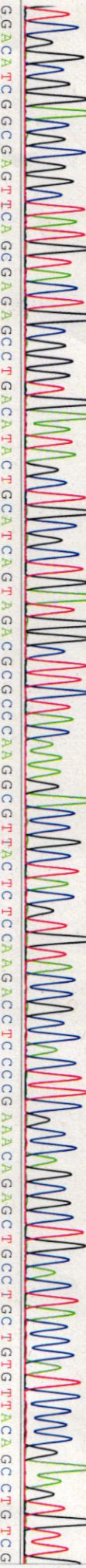
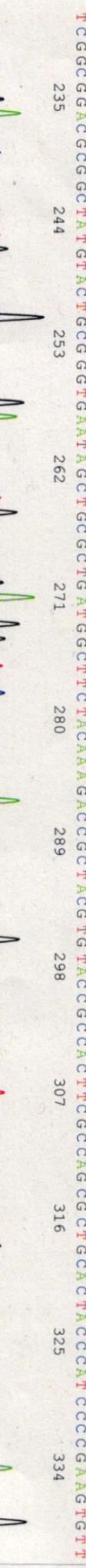
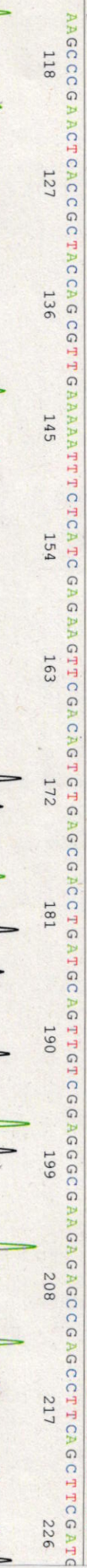
Pis 1446 to 14618 Pk1 Loc: 1423

Spacing: 13.03 Pts/Panel1350

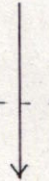
1 NNNNN N NN NN NN NN N TNN G T C C N A N G N N N N N N A A C G T C T A G C C C C C C G A A C C N C G C G G N C G T G G T T T T C C C T T T G A A A A C A C G A T G A T A T A T G G C C T A G C C C A C C C C C A A G A A G

IRES

HygR



HygR













S/N G:341 A:244 T:200 C:260

primer name : bGH\_rev3

KB\_3500\_POP7\_BDTV3.mob

Apr 26, 2022 05:10PM, JST

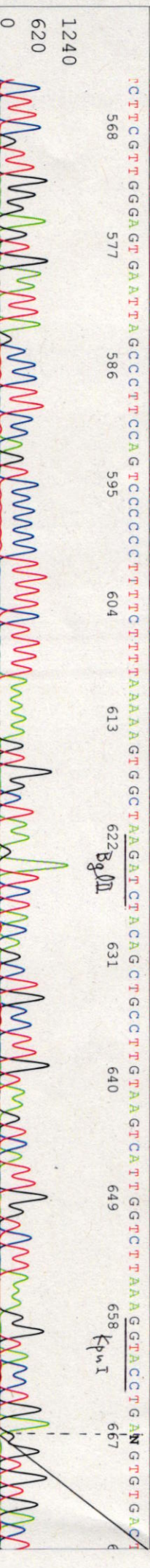
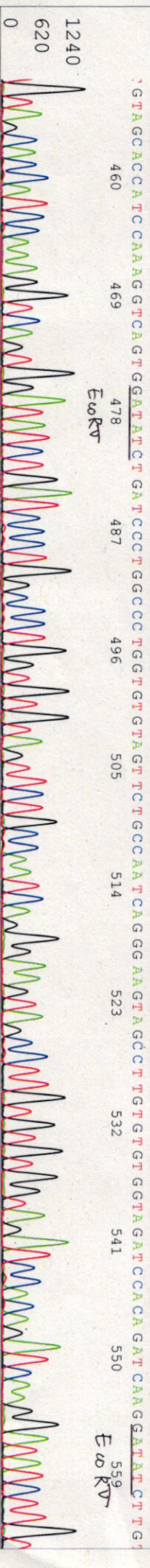
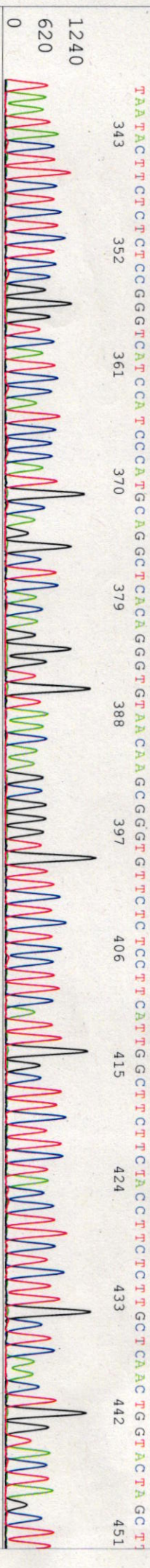
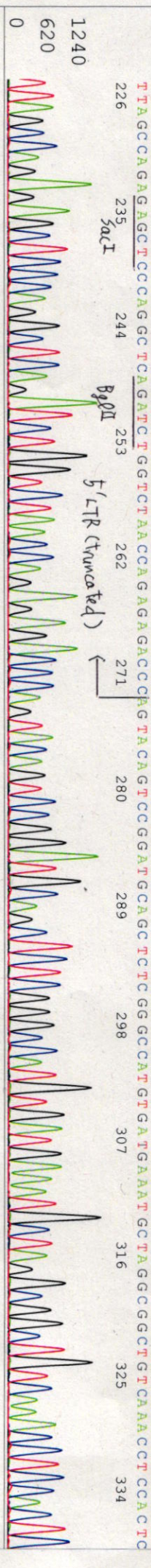
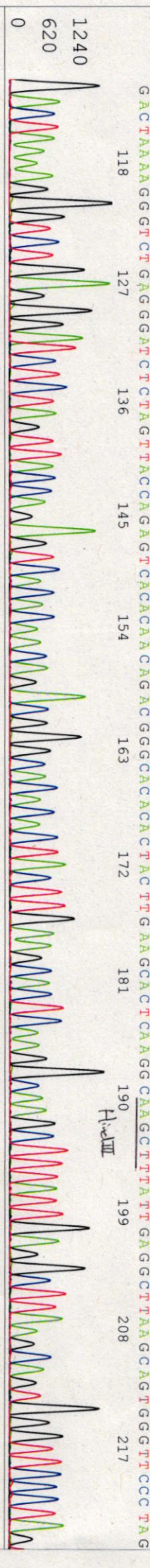
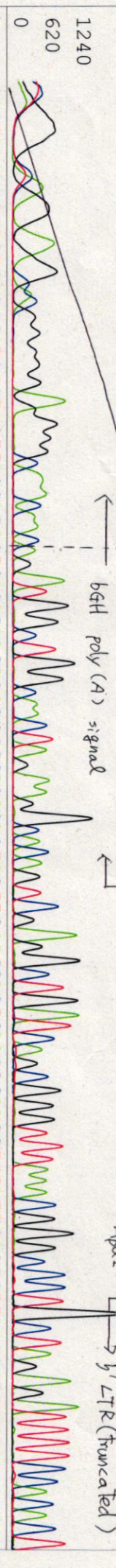
KB.bcp KB1.4.1.8 Cap:14

5' TTAGGAAGGACAGTGGGAGTG 3'

Pis 1366 to 13401 Pk1 Loc:1343

Apr 26, 2022 05:37PM, JST

1 NNNNNN JNN JN NN NNIN G G G G NN GGN A A C N A A G A T G G C C T G G C C A C T A G A A G G C C A C A G T C G A G G C C T G A T C A G C C G G G T T A A A C G G G C C C T G C T A G A G A T T T C C A C A C T









S/N G:421 A:262 T:333 C:389

D08695A2\_B2D5\_3\_RE\_check

Apr 26, 2022 05:10PM, JST

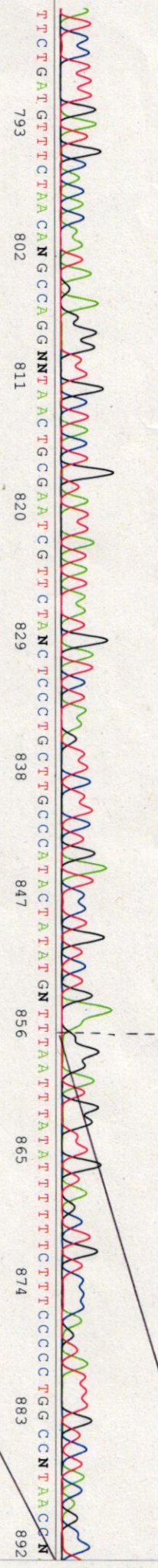
KB.bcp KB\_3500\_POP7\_BDTV3.mob

Apr 26, 2022 05:37PM, JST

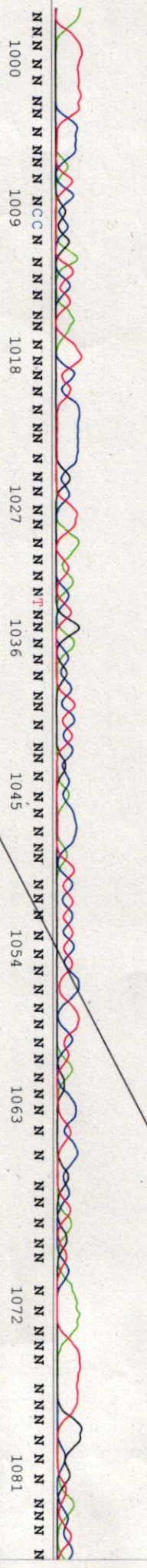
KB 1.4.1.8 Cap:9 Pts 1377 to 13883 Pk1 Loc:1354

Spacing:12.17 Pts/Panel1350

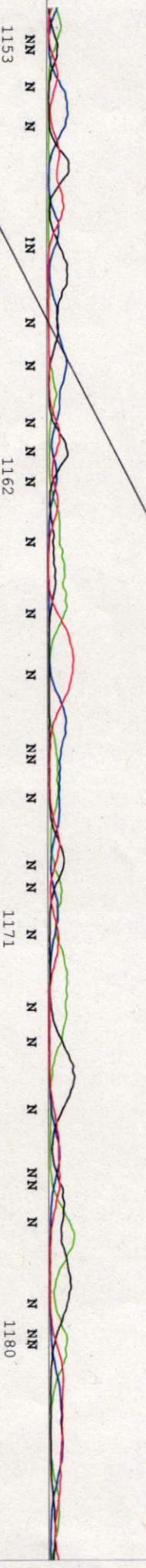
ATCCTTTGATGCCACCAATAGAGGGTTGCTTACTGTATTAATAATGATCTTAAGTTCTTCTGATCCCTGCTGAANGGANGGTTGTAAGCTGTCCCAATATTGTCTACCACTC



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AAATTTTNNCCNTCGCGATCTTNAATTTCCCCN GCTNNNNNANTGAN GCTCNCGCCA CCCCATC NNNNNNNNTC NANNNNNNN NNN NNTCAAAA TTTTNGNNNNANN



NNNNNNNNNN NCCN NNN NNN NNN NNN NNN NNN NNN NNN NNTN NNNNNNN NNNNNNN NN NNNNNNN NN NNNNNNN NN NNNNNNN NN



S/N G:438 A:196 T:166 C:234  
KB.bcp  
KB 1.4.1.8 Cap:20

primer name H : SV40pro\_ori\_F  
5- TTCTCCGCCCCATGGCTGACTAAT -3'

KB\_3500\_POP7\_BDTV3.mob  
Pis 1384 to 13153 Pk1 Loc:1361  
Version 6.0 HiSeqV Bases: 963

Apr 26, 2022 05:37PM, JST  
Spacing: 11.73 Pts/Panel1350  
Plate Name: 20220426\_kitaku









S/N G:31 A:22 T:22 C:22

primer name I : Amp\_R

KB\_3500\_POP7\_BDTV3.mob

Aug 24, 2022 02:55PM, JST

KB.bcp

5'- GCGACACCGAAATGTTGAATA -3'

Pis 1325 to 13698 PK1 Loc:1302

Aug 24, 2022 03:25PM, JST

KB 1.4.1.8 Cap:2

Version 6.0 HISQV Bases: 961

Spacing: 12.18 Pis/Panel1350  
Plate Name: 20220824\_kitaku









