

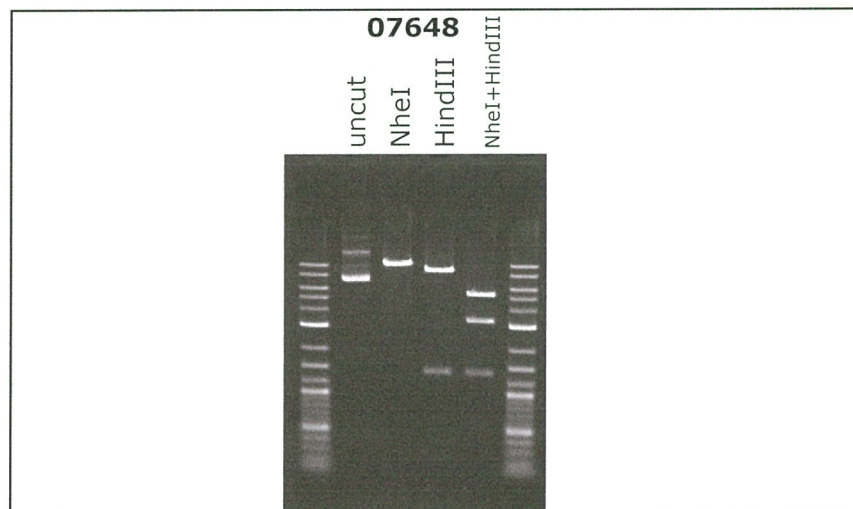
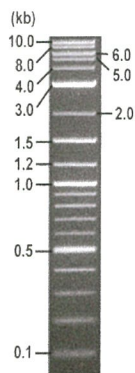


**RIKEN DNA BANK**

clone name : pcDNA3.1(-)-hIGF1R

- Clone ID : RDB\_07648
- Lot : 07648\_B2Ds
- 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

1 kb Plus DNA Ladder  
(NEB#N3200L),  
250 ng/well



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

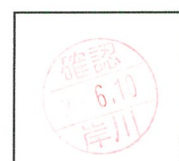
Restriction enzyme	Expected size of fragment	kbp
<b>NheI</b>	<b>10.0</b>	kbp
<b>HindIII</b>	<b>8.6, 1.4</b>	kbp
<b>NheI+HindIII</b>	<b>5.3, 3.3, 1.4</b>	kbp
		kbp

● 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	Pr0016	CMV_Forward	CMV pro,insert5'
Sequence - B	Pr0885	bGH_rev3	insert 3'
Sequence - C	Pr0731	SV40pro_ori_F	SV40 pro_ori,NeoR
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



S/N G:28 A:21 T:18 C:25  
KB.bcp  
KB 1.4.1.8 Cap:4

primer name **A** : CMV\_Forward  
5'-GCACCAAATCAACGGGACTT-3'

KB\_3500\_POP7\_BDTv3.mob  
Pfs 1261 to 13443 Pk1 Loc:1238  
Version 6.0 HiSQV Bases: 948

07648\_07648\_B2Ds\_1\_CMV\_Forward\_D02\_04\_ABI08

07648\_07648\_B2Ds\_1\_CMV\_Forward

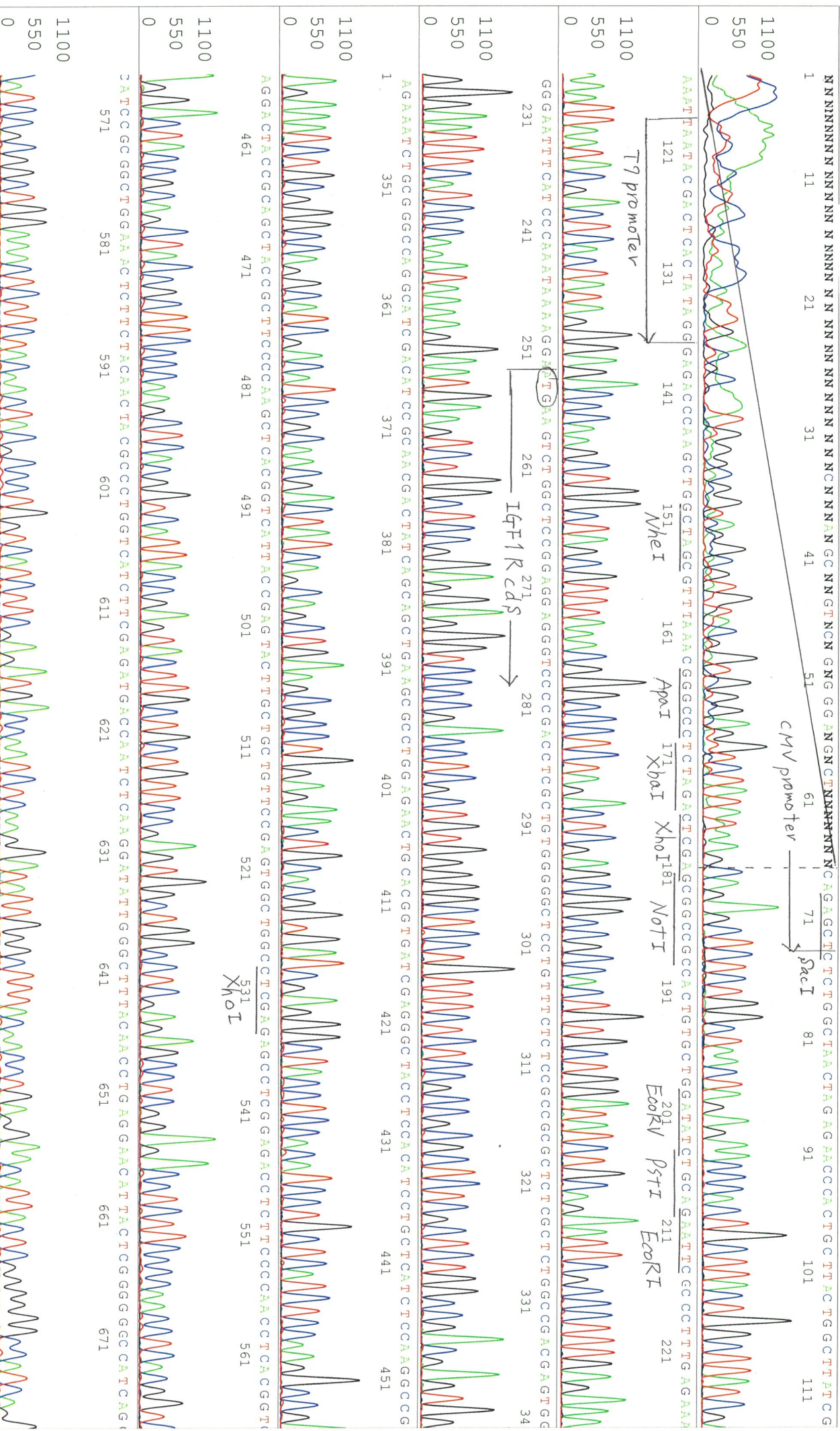
Inst Model/Name 3500/3500 Instrument

Jun 06, 2022 02:59PM, JST

Jun 06, 2022 03:28PM, JST

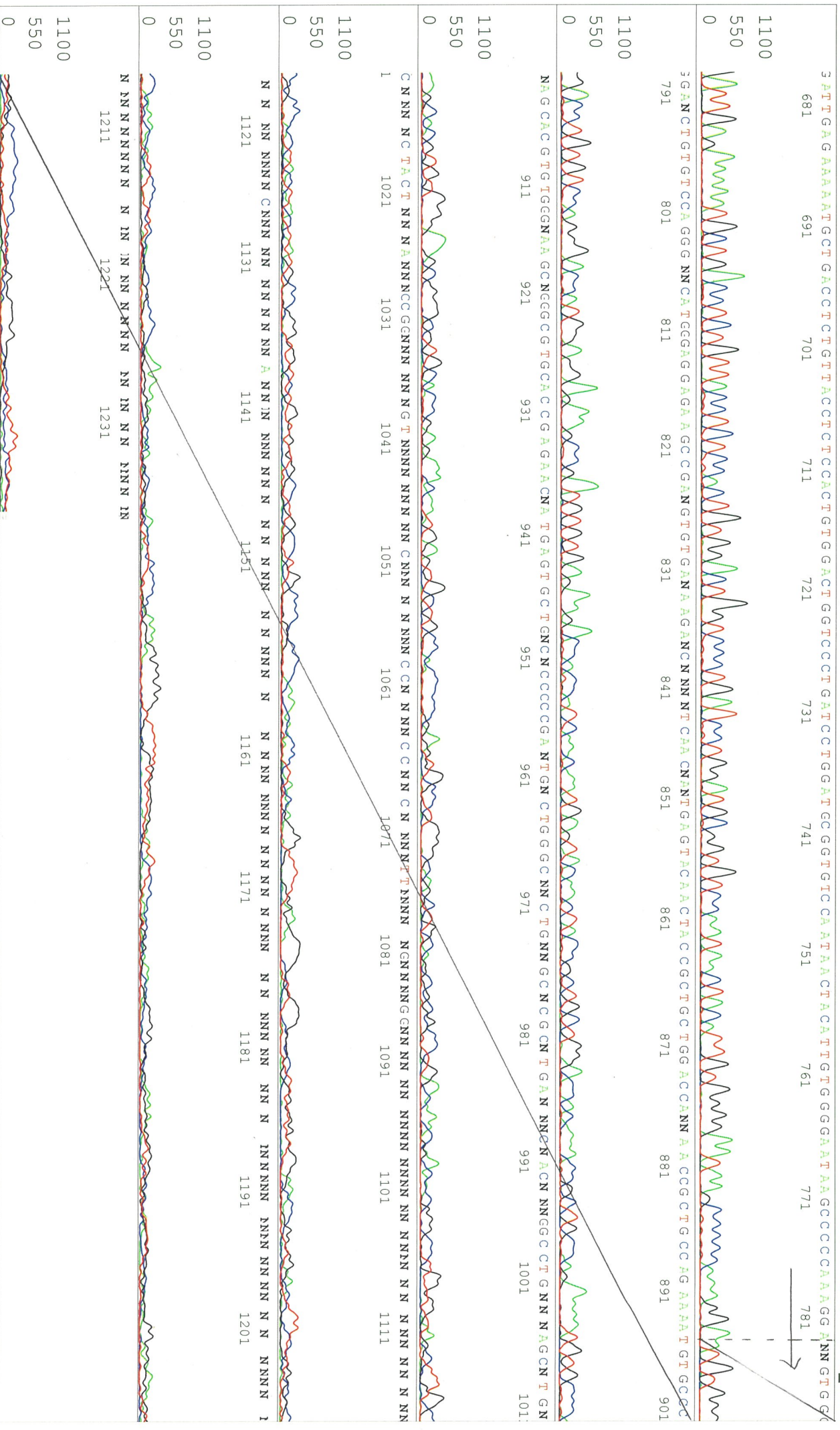
Spacing:12.0 Pfs/Panel1350

Plate Name: 20220606\_kitaku





S/N G:28 A:21 T:18 C:25  
KB.bcp  
KB 1.4.1.8 Cap:4





S/N G:925 A:786 T:560 C:612

KB:bcp

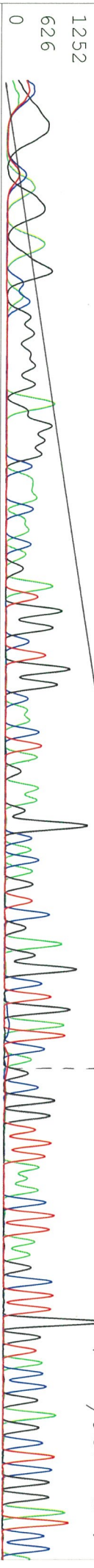
KB 1.4.1.8 Cap:17

primer name B : bGH\_rev3

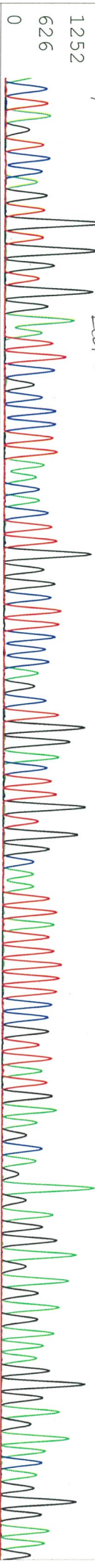
5-TTAGGAAGGACAGTGGAGTG-3'

NNN NN 10 19 28 37 46 55 64 73 82 91 100 110  
ATG GCTGGCAACTA GAAAGCACA GTCGAGGCTGNT CN GCGGTTTAAACTTAAAGCTTGTACCAGACTCGGATCC

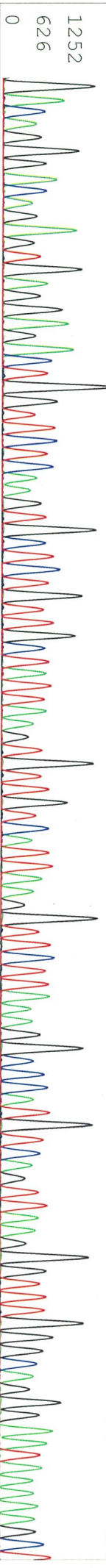
HindIII KpnI SacI BamHI



ACTAGTCCAGTGTGGTGGAAFTTCGCCCTTAACAACCTGGGCTTCCCAGCTGGACTTGTGGCAATTATTTCCTTATGAAAGCAGAGAGAGAAAGGAAACAAGGAAAC  
SpeI EcoRI

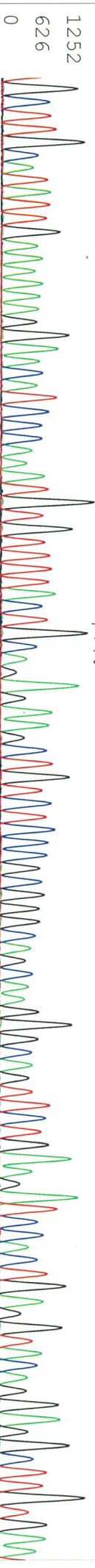


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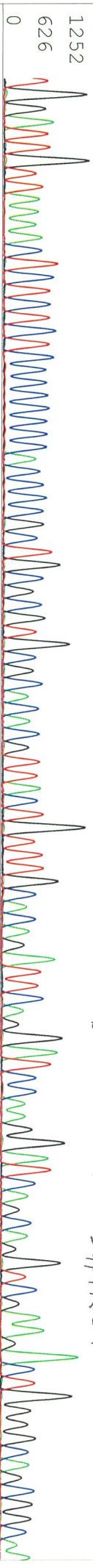
GCTTGCATATTGAAAAAAGGAACATCCCAAATGTTTACTGCGAGAGAAGCTCTCCCGCGGCAAGGCGCAAGTCTCTGAAAGTCCAATGAGGTACAGGAGGCTTGTGAA

PstI

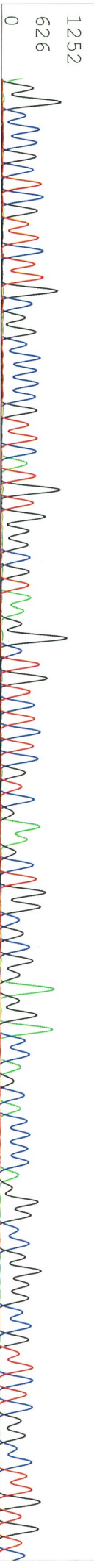


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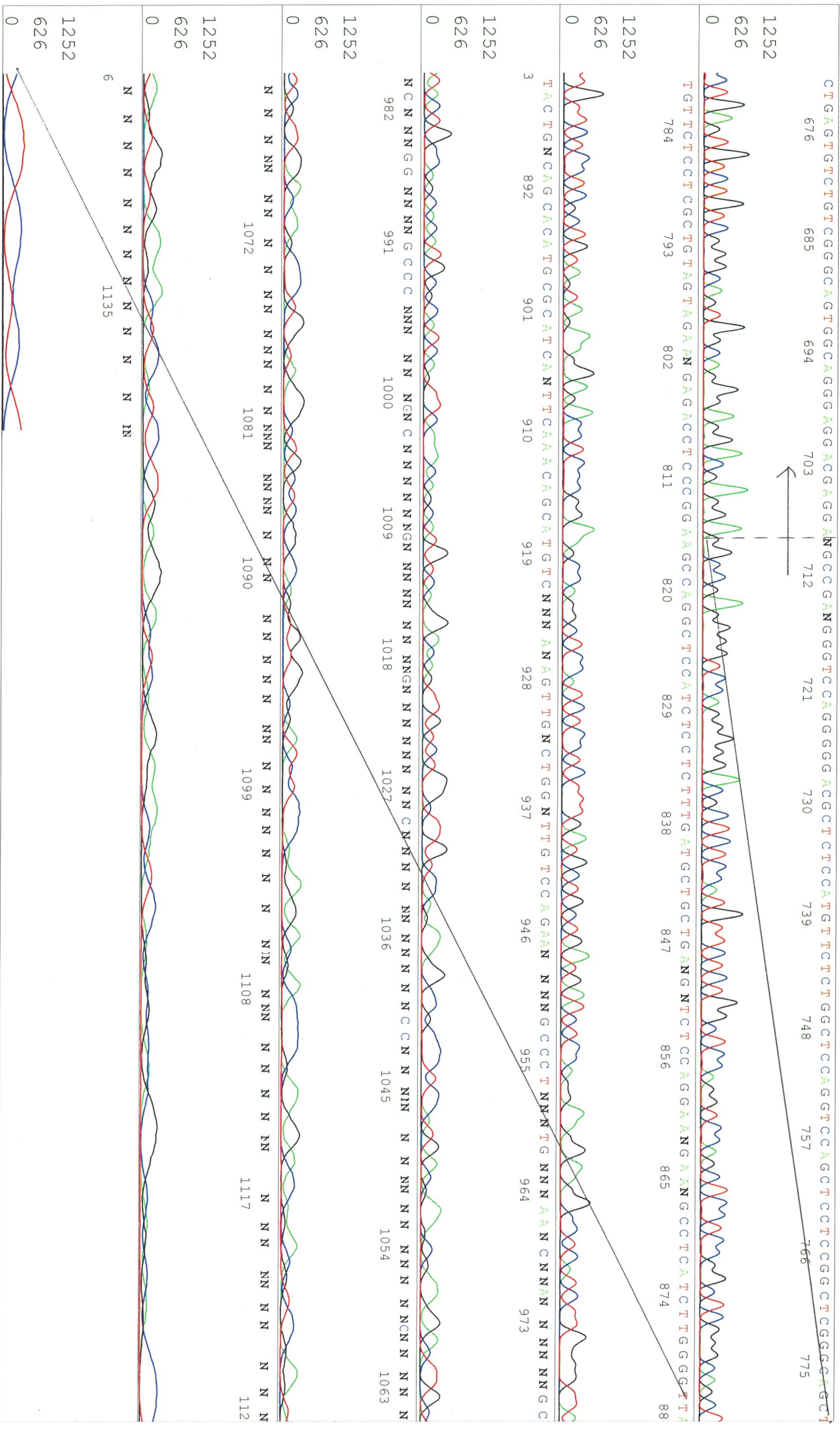
BamHI IGF1R cds



AGGCCGCTCGTCTTGCGCGGCCCCCGTTCAATGTGGGGCTAAGGCTTGTCTTCGTCGAAAGCTTGGCGCGGAGGACCAACCCAGAGGCCCGGGCCGTTCTCGGCTTGTGT









S/N G:614 A:445 T:390 C:494

primer name C: SV40pro\_ori\_F

KB\_3500\_POP7\_BDTV3.mob

Jun 03,2022 04:04PM, JST

KB:bjcp

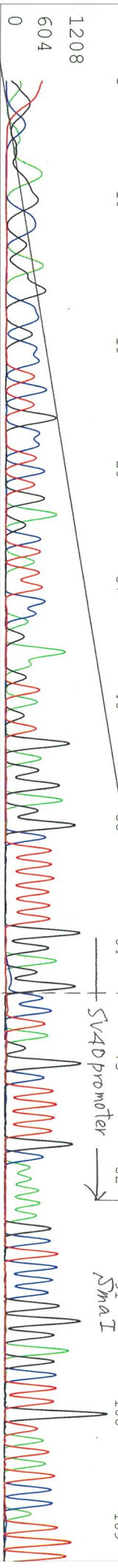
5'- TTCTCCGCCCCCATGGCTGACTAAT -3' Version 6.0 HiSeqV Bases: 923

Spacing: 11.78 Pts/Panel 1350

KB 1.4.1.8 Cap:20

Plate Name: 20220603 kitaku

1 NNN NNN NNN N NN NG NN GCC TCT G C C T C T G A N C T A T T C N N G A A G T A G T G A G A G G C C T T T T T T G G T N C C T A G G C C T T T G C A A A A A G C C T C C C G G G A G C T T G T A T C C A T T



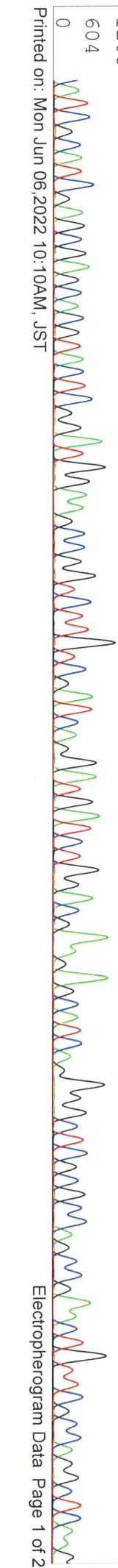
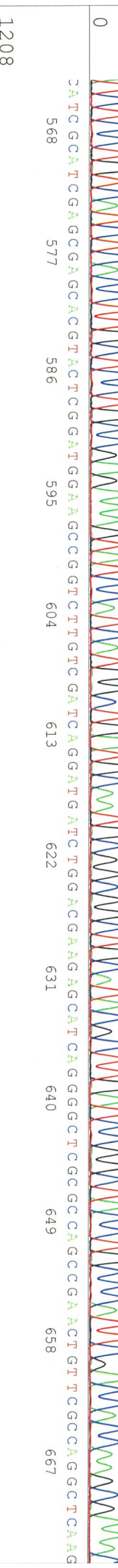
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TT CGGATCTGATCAAGAAGCAGATGAGGATCGTTTCGATGATTGAACAAGATGGATTGACACCGAGGTTCTCCGGCCCGCTTGGTGGAGAGGCTATTCGGCTATGACTGGGCA

1208 604 0  
CAA C A G A C A A T C G G C T G C T C T G A T G C C C G C G T G T C C G G C T G T C A G C G C A G G G C C C G T T C T T T T G T C A A G A C C G A C C T G T C C G G T G C C C T G A A T G A A C T G C A G A C G A C  
226 235 244 253 262 271 280 289 298 307 316 325 Ps+I 334

1208 604 0  
G C A G C C C G G C T A T C G T G G C T G G C C A C G A C G G G C G T T C C T T G C C G C A G C C T G T G A A C C G G G A A G G G A C T G G C T A T T G G G C G A A G T G C C G G G C A G G A  
343 352 361 370 379 388 397 406 415 424 433 442 45

1208 604 0  
T T C T C C T G T C A T C T C A C C T T G C T C C C T T G C C G A A A A G T A T C C A T C A T G G C T G A T G C A A T G C C G C C G C T T G A T C C G G C T A C C T G C C C C A T T C G A C C A C C A A G C C A A A  
1 460 469 478 487 496 505 514 523 532 541 550 559

1208 604 0  
J A T C G C A T C G A G C C G A G C A C G T A C T C G G A T G G A A G C C G G T C T T G T C A G A T A T C T G G A C G A A G C A T C A G G G G C T C G C G C C A G C C G A A C T G T C G C C A G G C T C A A G  
568 577 586 595 604 613 622 631 640 649 658 667





S/N G:614 A:445 T:390 C:494  
KB:bcp  
KB 1.4.1.8 Cap:20

07648\_07648\_B2Ds\_1\_SV40pro\_ori\_F\_G05\_20\_AB124  
07648\_07648\_B2Ds\_1\_SV40pro\_ori\_F

KB\_3500\_POP7\_BDTV3.mob  
Pis 1420 to 13128 Pk1 Loc:1397  
Version 6.0 HiSeqV Bases: 923

Inst Model/Name 3500/3500 Instrument  
Jun 03,2022 03:37PM, JST  
Jun 03,2022 04:04PM, JST  
Spacing:11.78 Pts/Panel1350  
Plate Name: 20220603 kitaku

