

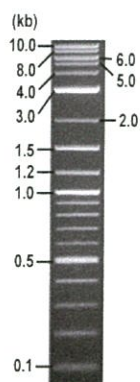


RIKEN DNA BANK

clone name : CSIV-TRE-RfA-UbC-KT

- Clone ID : RDB_ 12878
- Lot : 12878_ A4KI
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : Survival2
- Culture : LB medium
- Antibiotics : 100 microgram/ml Amp ; 33 microgram/ml Cm
- 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
EcoRV	12.5 kbp
EcoRI	11.7, 0.8 kbp
MluI	8.9, 3.6 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	Pr0262	UbC-N_R	UbC pro, attR2, ccdB
Sequence - B	Pr0158	UbCpro_F	hKO1 5'
Sequence - C	Pr0157	hKO_F	T2A, rTA-Advanced
Sequence - D	Pr0542	tTA-Ad R	T2A, hKO1 3'
Sequence - E	Pr0016	CMV_Forward	CMV pro, 5'LTR, HIV-1 psi
Sequence - F	Pr0014	Cm_N_rev	attR1, tight TRE pro, cPPT_CTS
Sequence - G	Pr0476	Cm_C_F	ccdB
Sequence - H	Pr0885	bGH_rev3	bGH pA, 3'LTR, loxP, PRE
Sequence - I	Pr0731	SV40pro_ori_F	SV40 pro_ori, Zeo

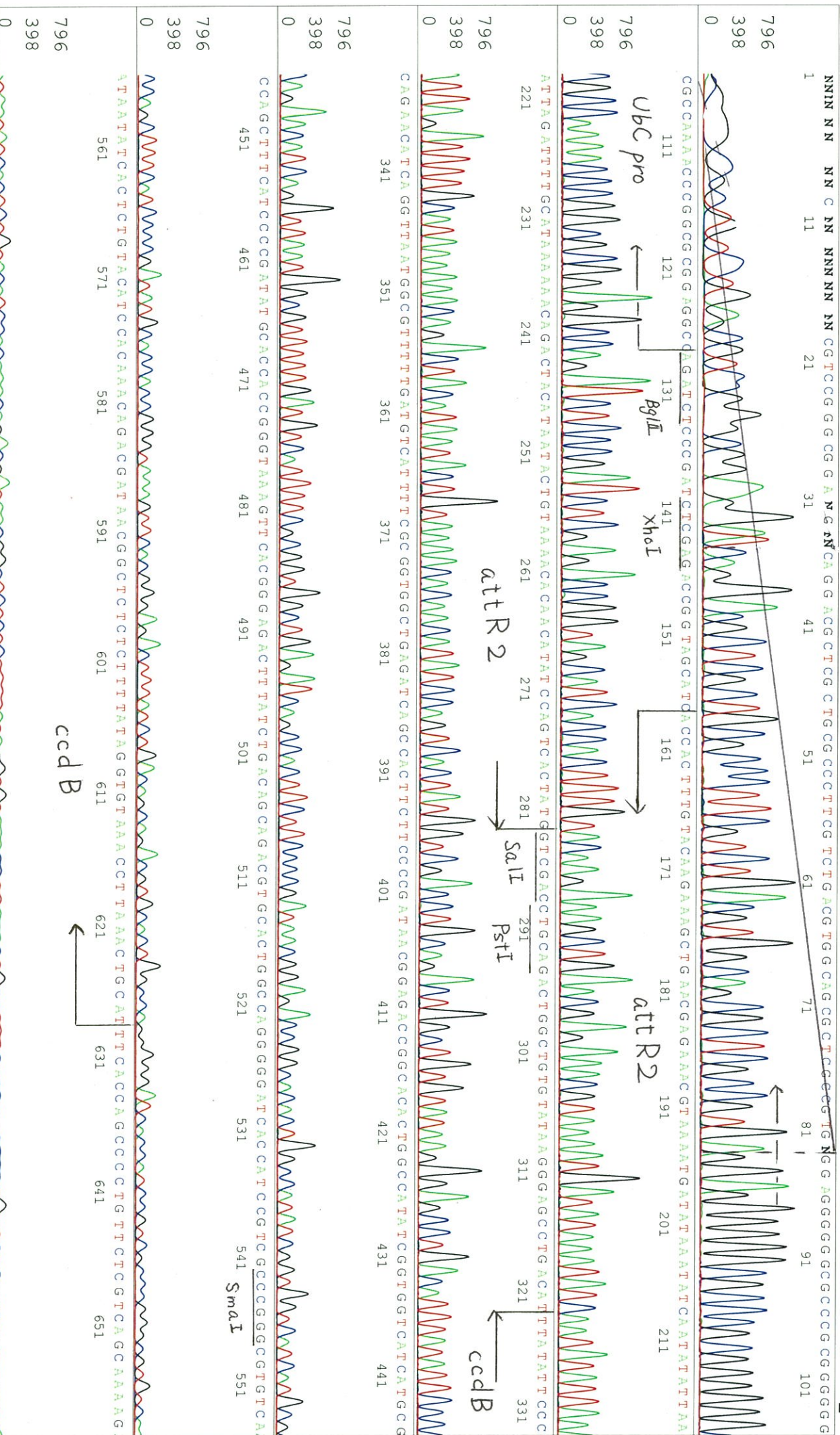
APPROVED BY :



S/N G:2086 A:1788 T:1439 C:2 primer name A : Ubc-N_R
KB.bcp 5-TGCTGATAGTGGGGTTCTAAGG-3'
KB 1.4.1.8 Cap:5

12878_12878_B1HPF_Ubc-N_R
KB_3500_POP7_BDTV3.mob
Pis 1916 to 8706 PK1 Loc:1884
Version 6.0 HISQV Bases: 670

Aug 26, 2021 09:54AM, JST
Aug 26, 2021 10:09AM, JST
Spacing: 10.41 Pts/Panel1350
Plate Name: 20210826_Mix

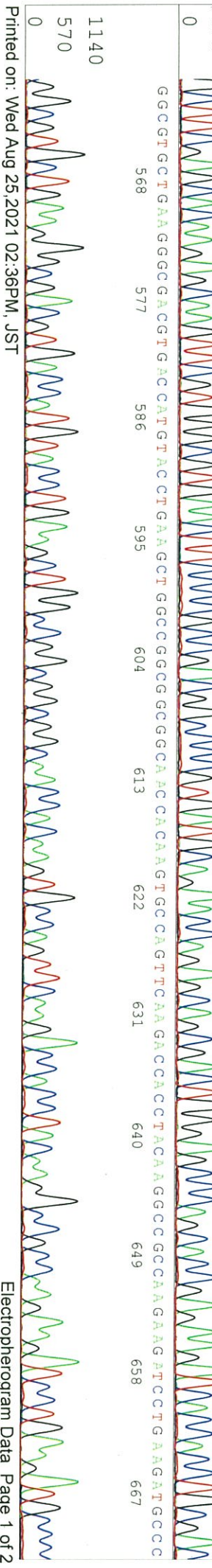
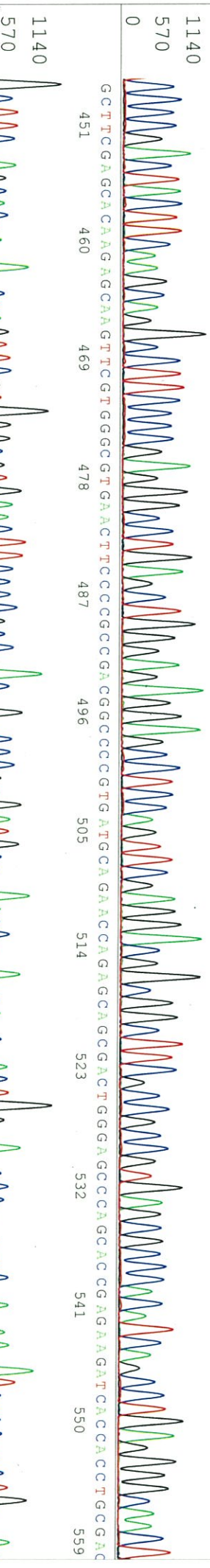
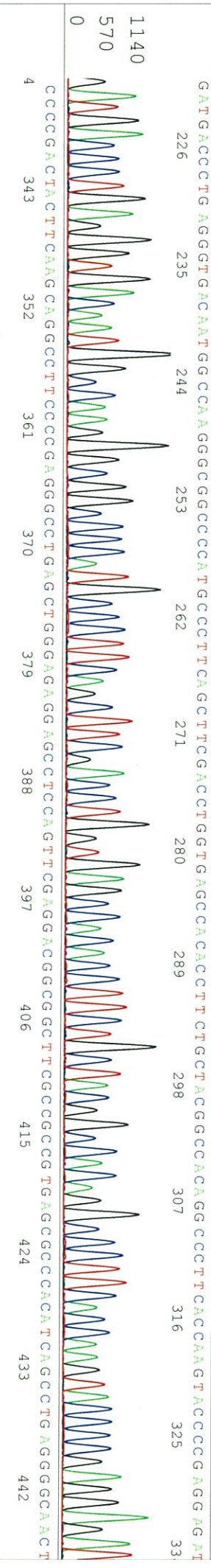
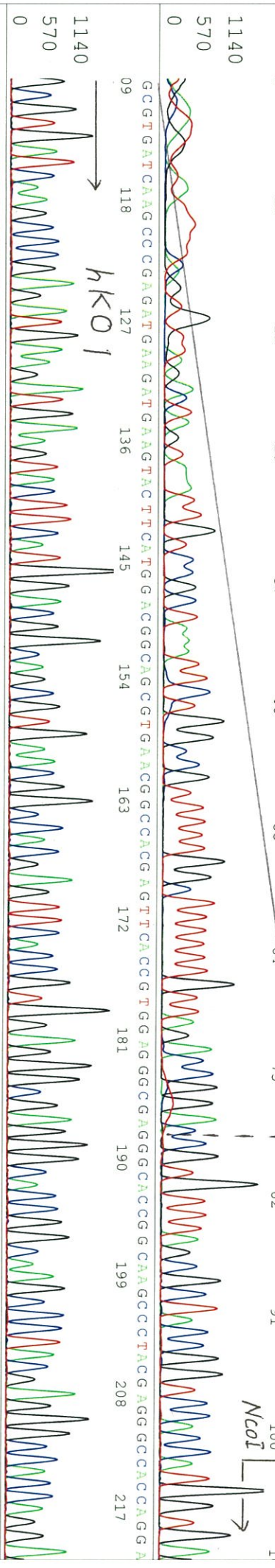


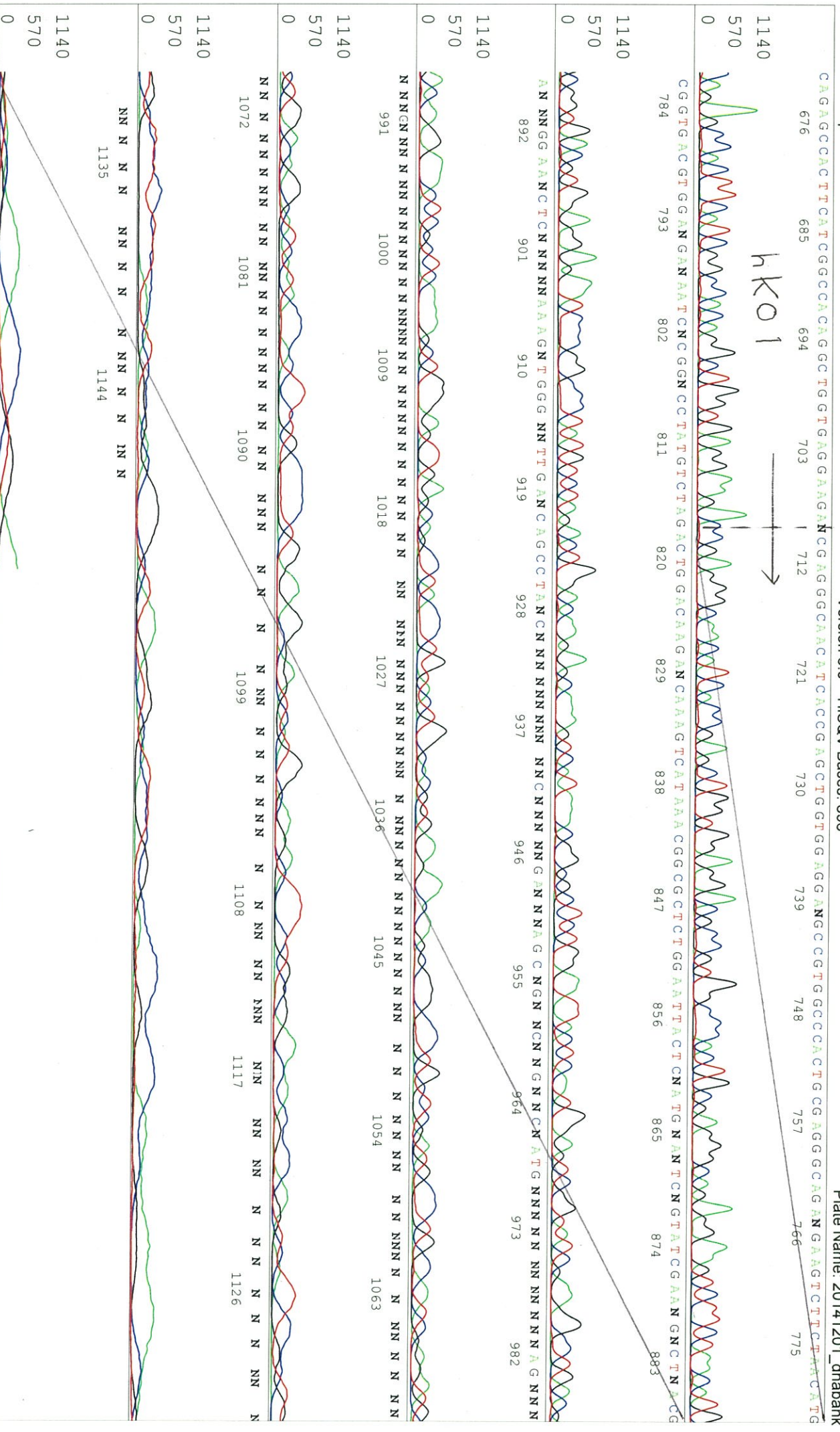
S/N G:314 A:265 T:167 C:240

primer name β : UbCpro_F

KB.bcp KB 1.4.1.8 Cap.2 5'-AGGCACCTTTTGAATGTAATC-3'

1 N NN NN NN NN N N T NN G NN N NN G NN NN N NN NN NN T G T C C G C T A A A T T C N G G C C G T T T T T G G C T T T T T G T T A G A C C G T N N C C G T G T T T A G C G C T A C C G G T C C A C C A T G G T G A

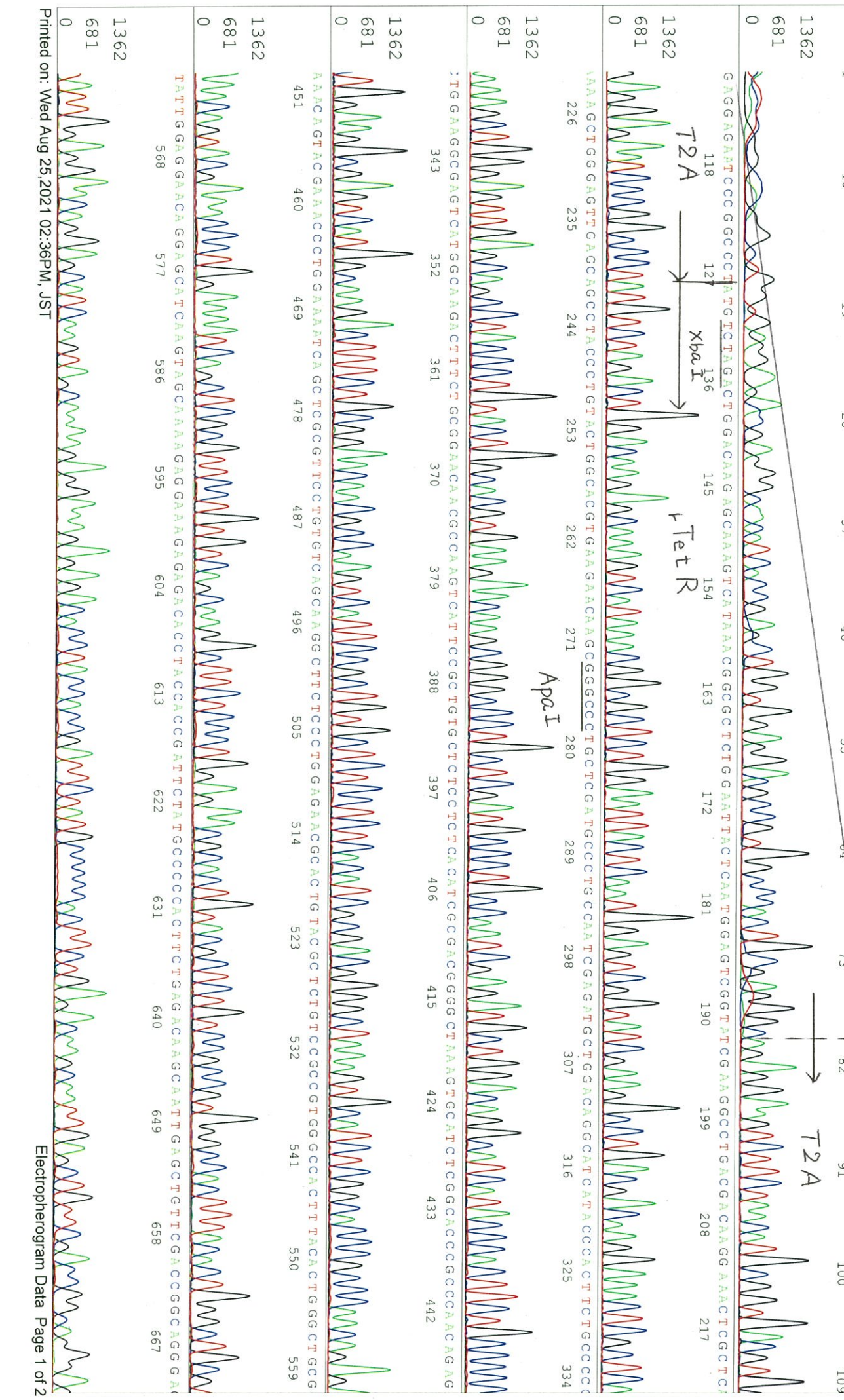




S/N G:548 A:369 T:272 C:328
KB:bcp
KB 1.4.1.8 Cap:5

primer name C : hKO_F
5-AAGGAGATCCTGAAGATGCC-3'

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Pts 1408 to 13398 PK1 Loc:1385
Version 6.0 HISQV Bases: 873



S/N G:548 A:369 T:272 C:328

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KB_3500_POP7_BDTV3.mob

Dec 01,2014 01:57PM, JST

KB 1.4.1.8 Cap:5

Pls 1408 to 13398 Pk1 Loc:1385

Dec 01,2014 02:24PM, JST

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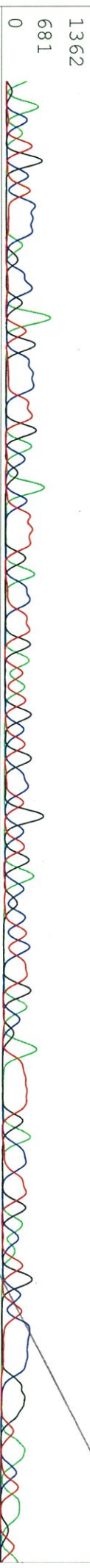
rTetR



676 685 694 703 712 721 730 739 748 757 766 775

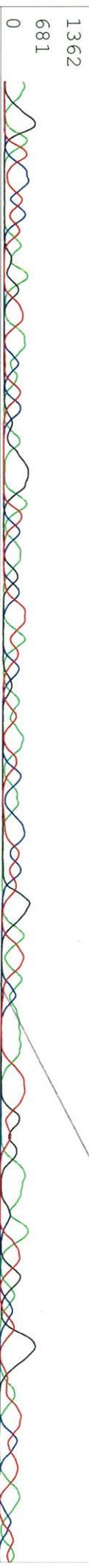
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784 793 802 811 820 829 838 847 856 865 874



NNATCCCTTANNNNTNACNTCNNNGNNCNCNNNCNNNCGATANTCANNNNCANNNTNNAATAATTNNNNANNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN

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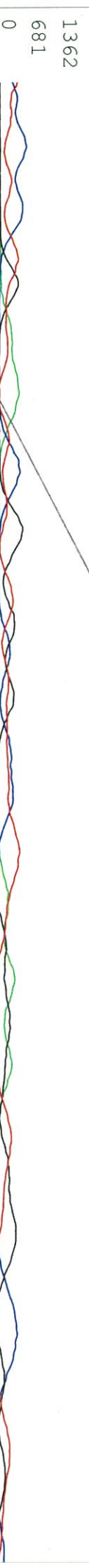
NNNNNNNNNTTNN

982 991 1000 1009 1018 1027 1036 1045 1054



NN

1063 1072 1081 1090 1099



NN

1108 1117



S/N G:399 A:220 T:287 C:469

primer name D : tTA-Ad R

12878_12878_B1Hpf_ITA-Ad R
KB_3500_POP7_BDTV3.mob

Aug 26 2021 09:54AM, JST

KB.bcp
KB 1.4.1.8 Cap:8

5' TCGTCAAGGCCTTCGATACC 3'

Pts 1863 to 8706 Pk1 Loc:1831
Version 6.0 HiSQV Bases: 679

Aug 26 2021 10:09AM, JST
Spacing:10.47 Pts/Panel1350
Plate Name: 20210826_Mix

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111 121 131 141 151 161 171 181 191 201 211 22
J A C G G C G T C C T C C A C C A G C T C G G T G A T G T T G C C C C T C G G T C A C C A G C C T G T G G C C G A T G A A G T G C T C T G G G G C A T C T C A G G A T C T T C A G G A T C T T C T T G C G C G C C T T G T G T G T

hK01

1 231 241 251 261 271 281 291 301 311 321 331
C T T G A A C T G G C A C T T G T G G T T G C C C C C C G C C C A G C T C A G G T A C A T G T C A C G T C G C C C T T C A G C A C G C C G T C C C A G G T G T G A T C T T C T C G G T G T G G G C T C C C A G T C G C T G

341 351 361 371 381 391 401 411 421 431 441 45
C T C T G G T T C T G C A T C A C G G G G C C C G T C G G C G G G A A G T T C A C C C C A C G A A C T T G C T C T T G T G C T C G A A G C A G T T G C C C C T C A G G C T G A T G T G G G G C C T C A C G G C G G C G A A G C C G

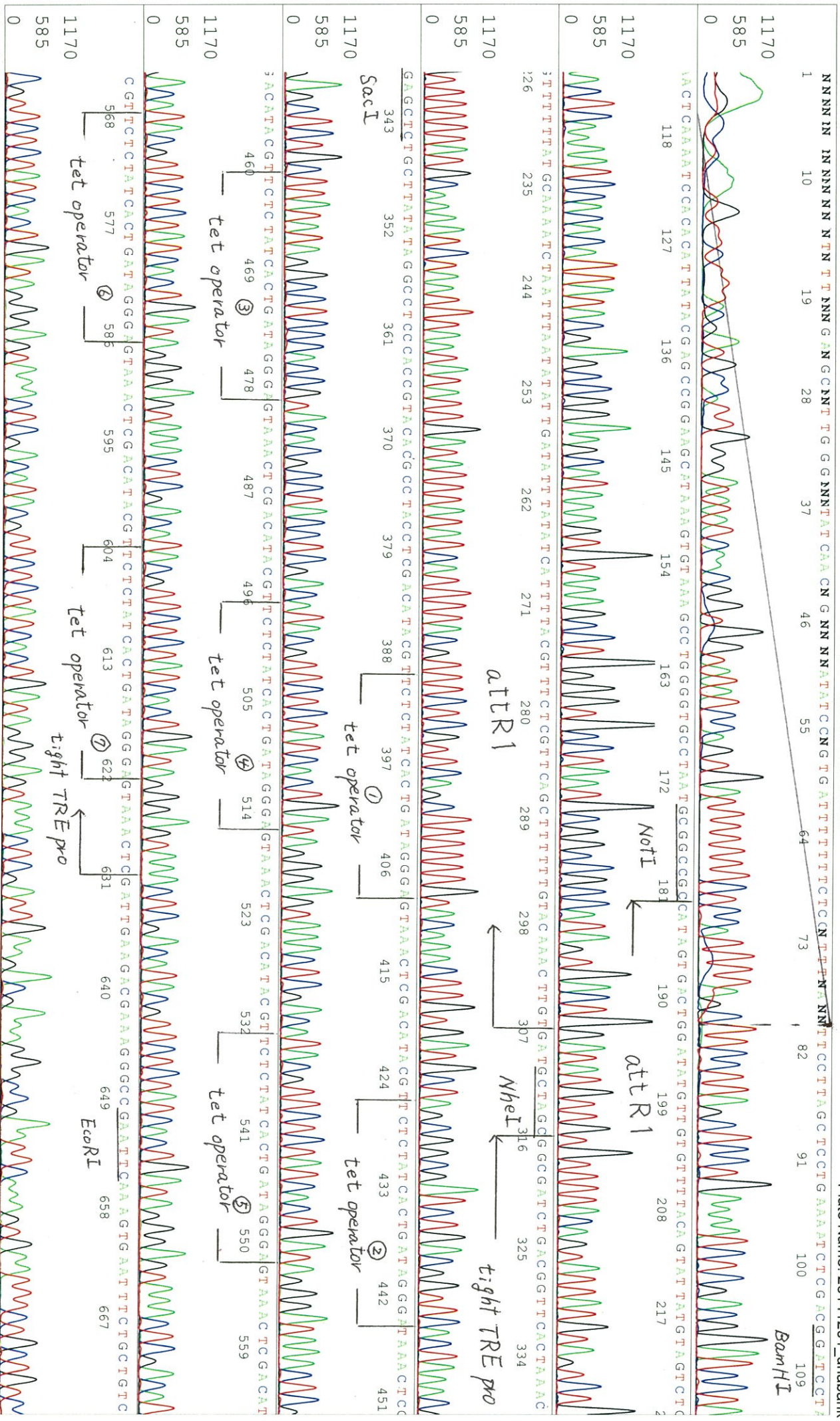
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571 581 591 601 611 621 631 641 651 661
A G G T G T G C T C A C C A G G T C G A A G C T G A A G G G C A T G G G G C C C T T G G C C A T T G T C A C C C T C A N G G T C A T C C T C G T G G T G C C T C G T A N G G C T T G C C G T G C C C T

hK01

T2A





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cPPT / cTS

676 685 694 703 712 721 730 739 748 757 766 775 784

CCAAATCCCCCTTTCTTTTAAATTTGTGGATGANTACTGCCNTTTGTAGATCCGTTCACTAATCNAATGGATCTGCTCTCTCTCTCCACTTCTT

1170 cPPT / cTS

84 793 802 811 820 829 838 847 856 865 874 883

TCNATTCCTTCNNGNNNTGT CNGG NCCCNCCNCGGG TTGGN ANNGGNCTGAAACGATANNNNNGAATATNCNNNCNNNTCTATTCCNTANN

1170

892 901 910 919 928 937 946 955 964 973 982

AGNANNNNNAANNNNNNNNNNNNANNNNNNNNNNNNNCTGAAACGATANNNNNGAATATNCNNNCNNNTCTATTCCNTANN

991 1000 1009 1018 1027 1036 1045 1054 1063 1072

NN

2 N

1170 585 0

1135 1144

S/N G:428 A:304 T:252 C:222

primer name *G* : Cm_C_F

12878_12878_A4KI_2_Cm_C_F

Dec 01.2014 01:57PM, JST

KB:bcp

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KB_3500_POP7_BDTv3.mob

Dec 01.2014 02:24PM, JST

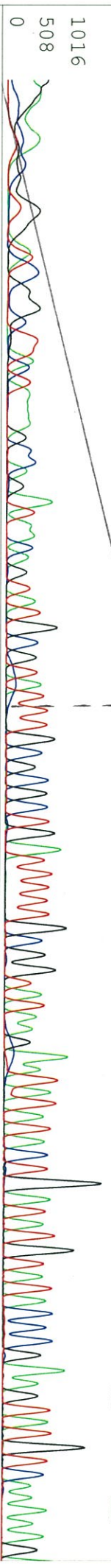
KB 1.4.1.8 Cap:11

Pls 1412 to 13334 Pk1 Loc:1389

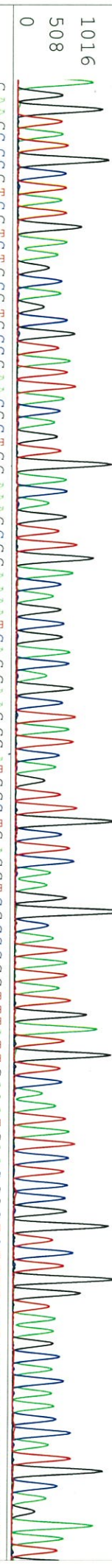
Version 6.0 HiSQV Bases: 902

Plating Name: 20141201_dhbank

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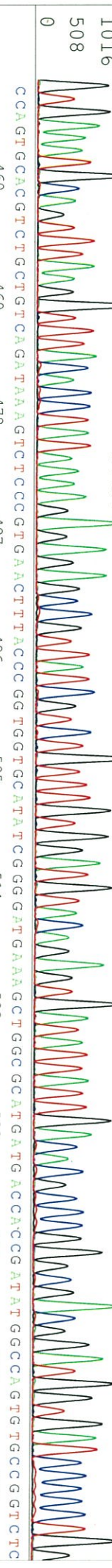
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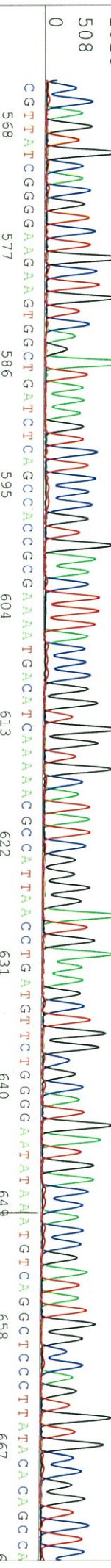
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CCAGTGCACGCTCTGCTGTCAGATAAAGTCTCCCGTGAACCTTACCCTGGTGCATATCCGGGATGAAAGCTGGCCGCATGATGACCAACCGATATGGCCAGTGTGCCGCTCTC



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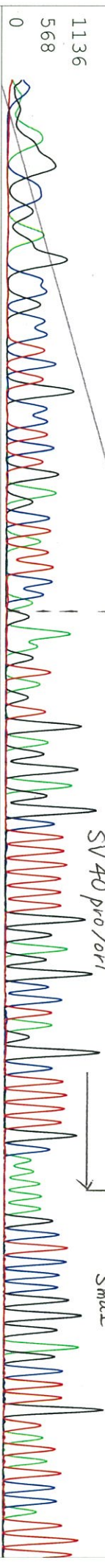
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S/N G:409 A:279 T:234 C:346 primer name I : SV40pro_ori_F

KB.bcp 5'- TTCTCCGCCCCCATGGCTGACTAAT -3'

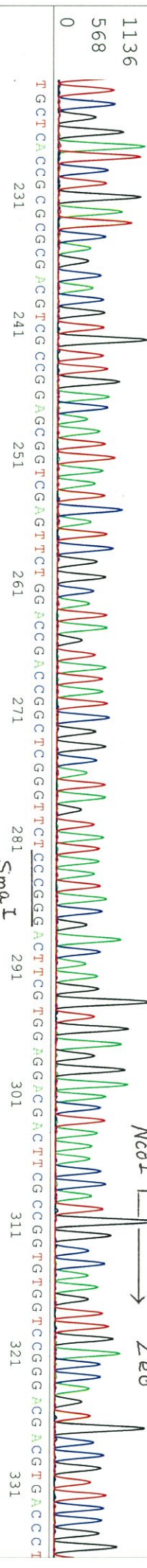
KB 1.4.1.8 Cap:14

NNN NN N INN NN G NCG CCT C T C N G CCT C T G NN C T A T T C N N G A A G T A G T G A G G A G G C T T T T T G G A G G C C T A G C C T T T T G C A A A A A G C T C C C G G G A G C T T G T A T A T C C A T T

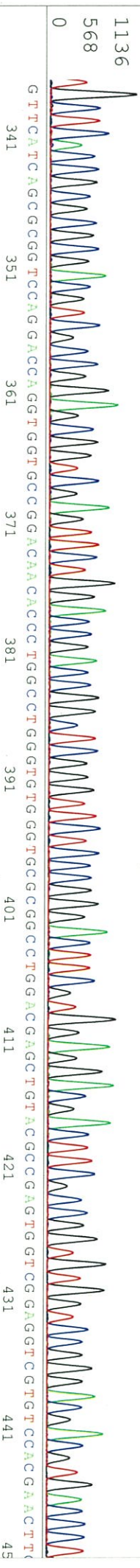


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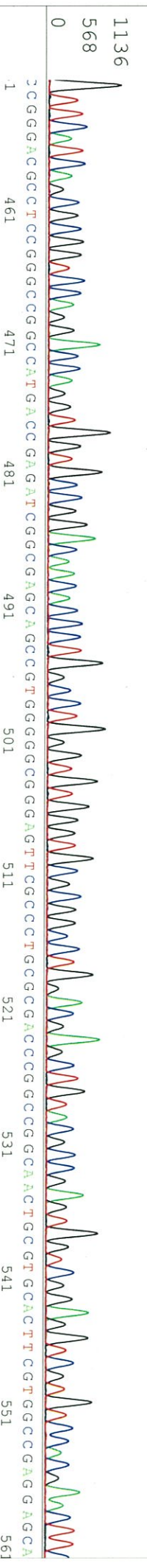
NcoI → Zeo



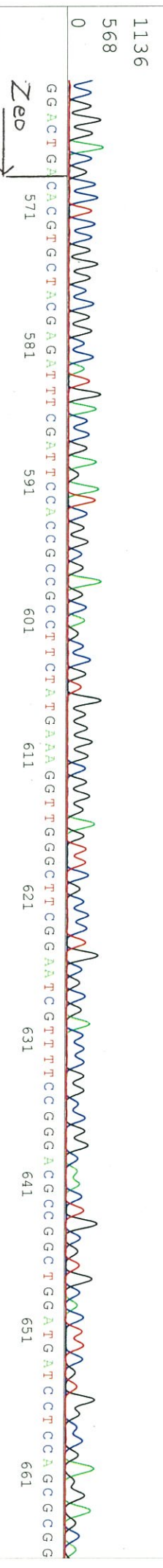
SmaI



SmaI



SmaI



Zeo

