

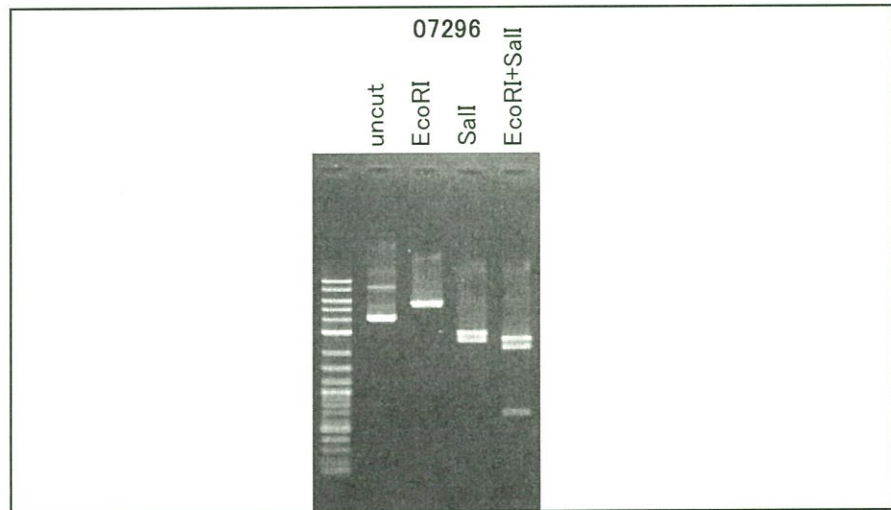
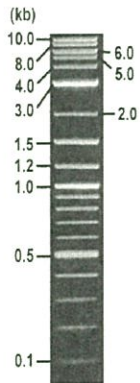


RIKEN DNA BANK

clone name : pGL4-phBRCA1

- Clone ID : RDB _ 07296
- Lot : 07296 _ A7I6
- 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),
250 ng/well



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

Restriction enzyme	Expected size of fragment
<u>EcoRI</u>	<u>5.4</u> kbp
<u>SalI</u>	<u>2.8, 2.5</u> kbp
<u>EcoRI+SalI</u>	<u>2.5, 2.2, 0.7</u> kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	pGL4-4174F	Sequence - E	-
Sequence - B	pGL4-136R	Sequence - F	-
Sequence - C	pAxCALNL_F1	Sequence - G	-
Sequence - D	-	Sequence - H	-



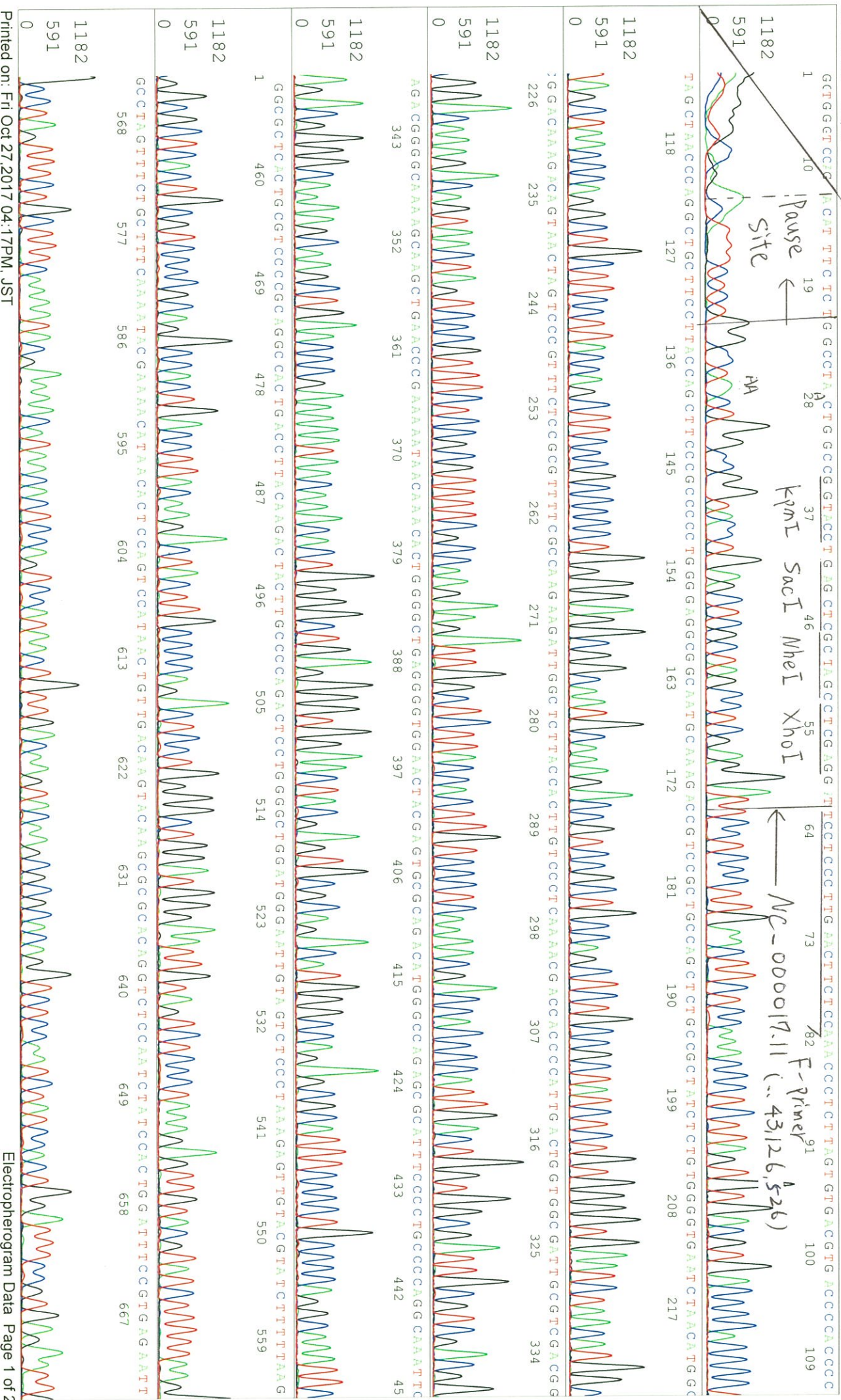
APPROVED BY :

SN G:61 A:80 T:80 C:112
KB bcp
KB 1.4.1.8 Cap:1

primer name A : pGL4-4174F
5'-TAGCAAATAAGGCTGTCCCC-3'

KB_3500_POP7_BDTV3.mob
Pls 1444 to 12706 Pk1 Loc:1421
Version 6.0 HiSQV Bases: 993

Oct 26, 2017 10:28AM, JST
Oct 26, 2017 10:54AM, JST
Spacing: 1.152 Pls/Panel/350
Plate Name: 20171026_dnabank



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

CCTCCACCCCCCCCAACAATCCCTTATTACTTATTACCAGAACTGGAGACCTCCCATTAAGGGCGGAAAGAGTGGGGATGGGACCTCTCTTACGACTG
784 793 802 811 820 829 838 847 856 865 874

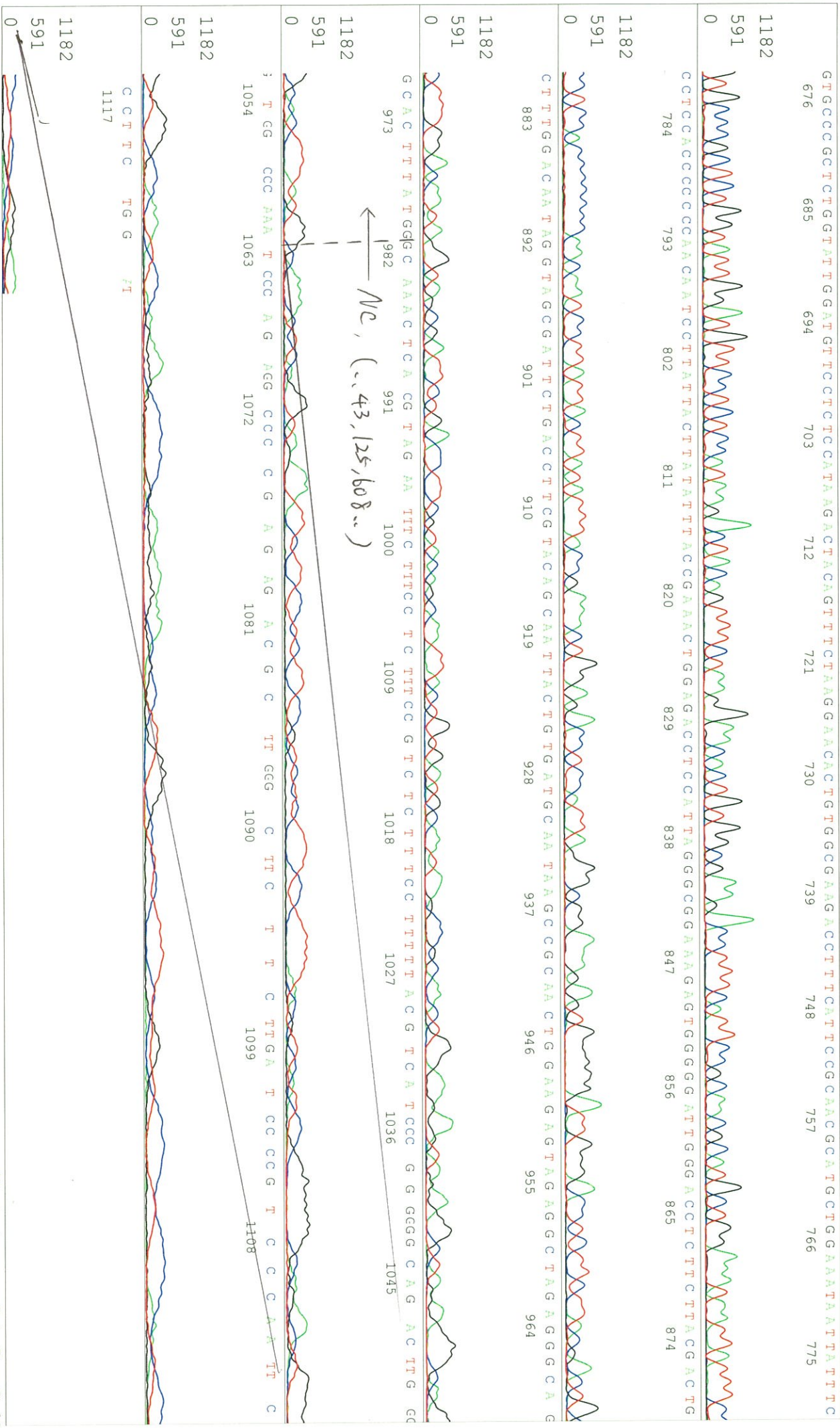
CTTTGGACAA TAGGTAGGCGGATTTCTGACCTTCCGTACAGCAA TTA CTG TGA TGGCAA TAA GCGCGCAA CTG GAA GAG TAG AGGC TAG AGGC A
883 892 901 910 919 928 937 946 955 964

GCACTTTATGGGCAAACTCTCA CGTAGAA TTTCTTTCTCTCTTTCTCTCTTTTCTTAACTCA TCCCGGGG CAGACTTG
973 982 991 1000 1009 1018 1027 1036 1045

← Mc, (.43, 125, 608..)

TGG CCCAAA TCCCAG AGGCCC CGAGAG AC GGCTTGGGCTTCTCTTGA TCCCGTCCCAAGTT
1054 1063 1072 1081 1090 1099 1108

CCTTC TGG #T
1117



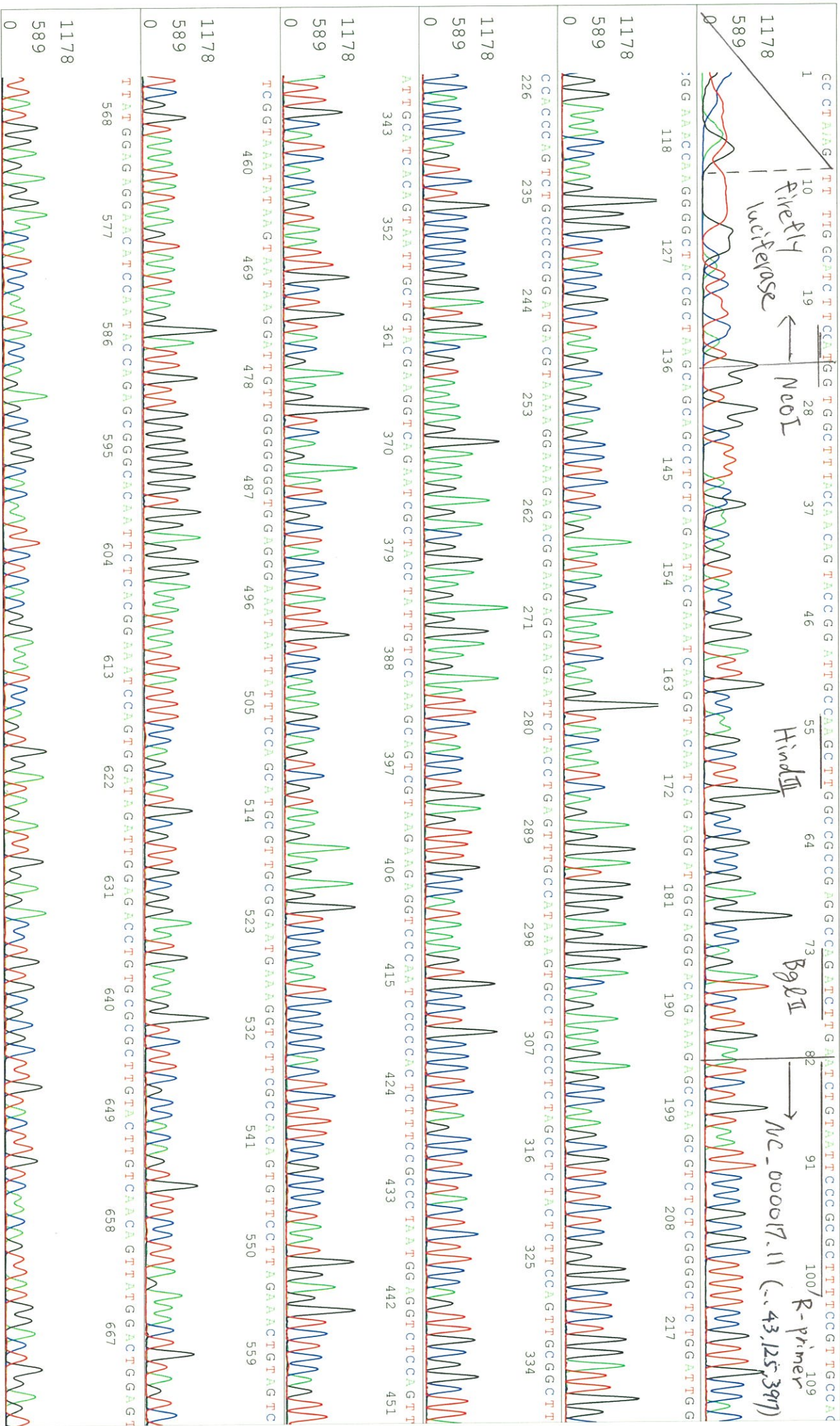
S/N G:134 A:176 T:151 C:197

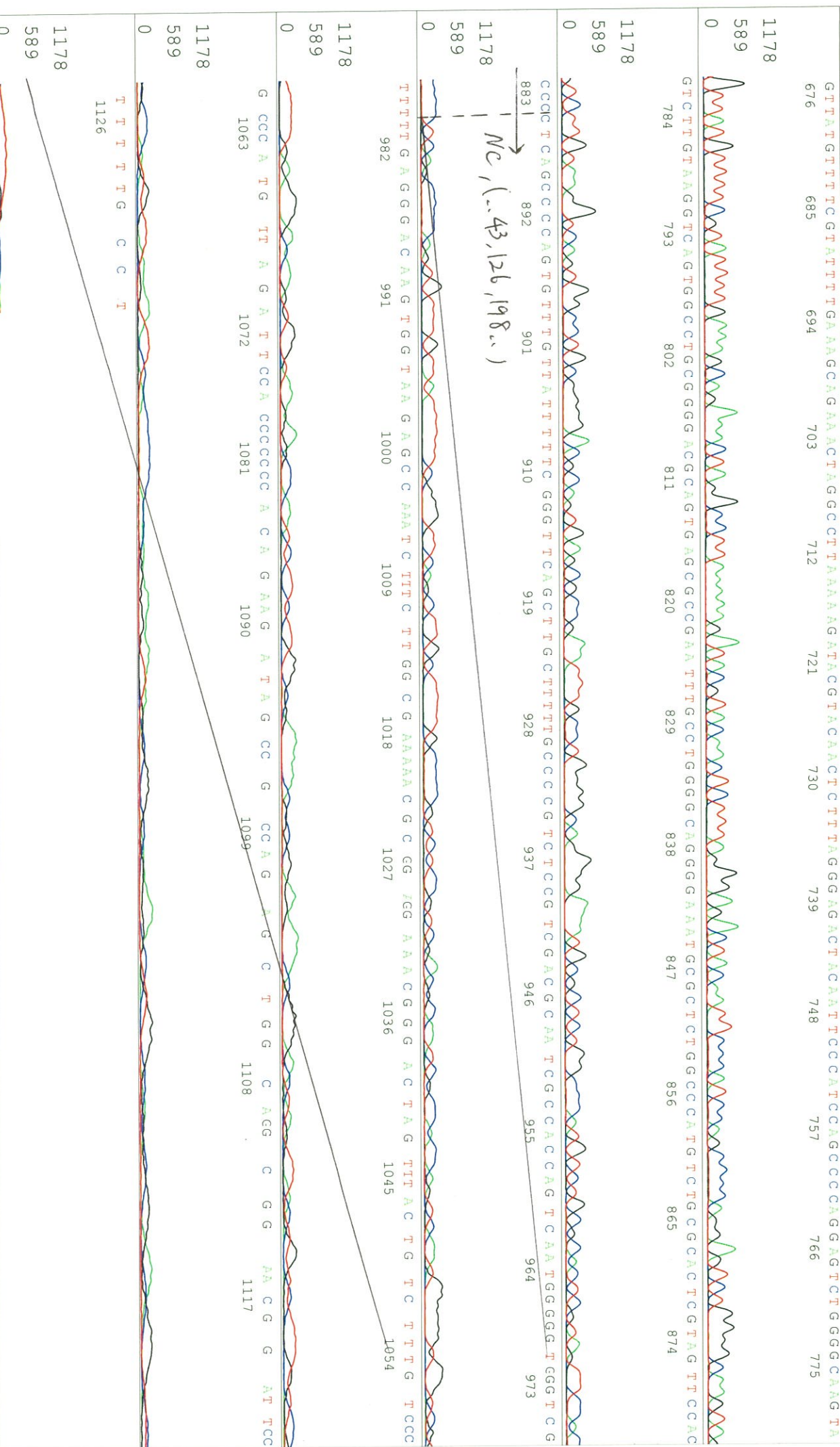
primer name B : pGL4-136R

KB.bcp

5'-CTTGAGTGGGTAGAATGGC-3'

KB 1.4.1.8 Cap:2





SN G:65 A:62 T:76 C:100

primer name C : paxCALNL_F1

07296_07296_A716_paxCALNL_F1

Oct 26 2017 10:28AM, JST

KB bcp

5'-CACTGCATTCTAGTTGTGTTGTCC-3'

KB_3500_POP7_BDTV3.mob

Oct 26 2017 10:54AM, JST

KB 1.4.1.8 Cap:3

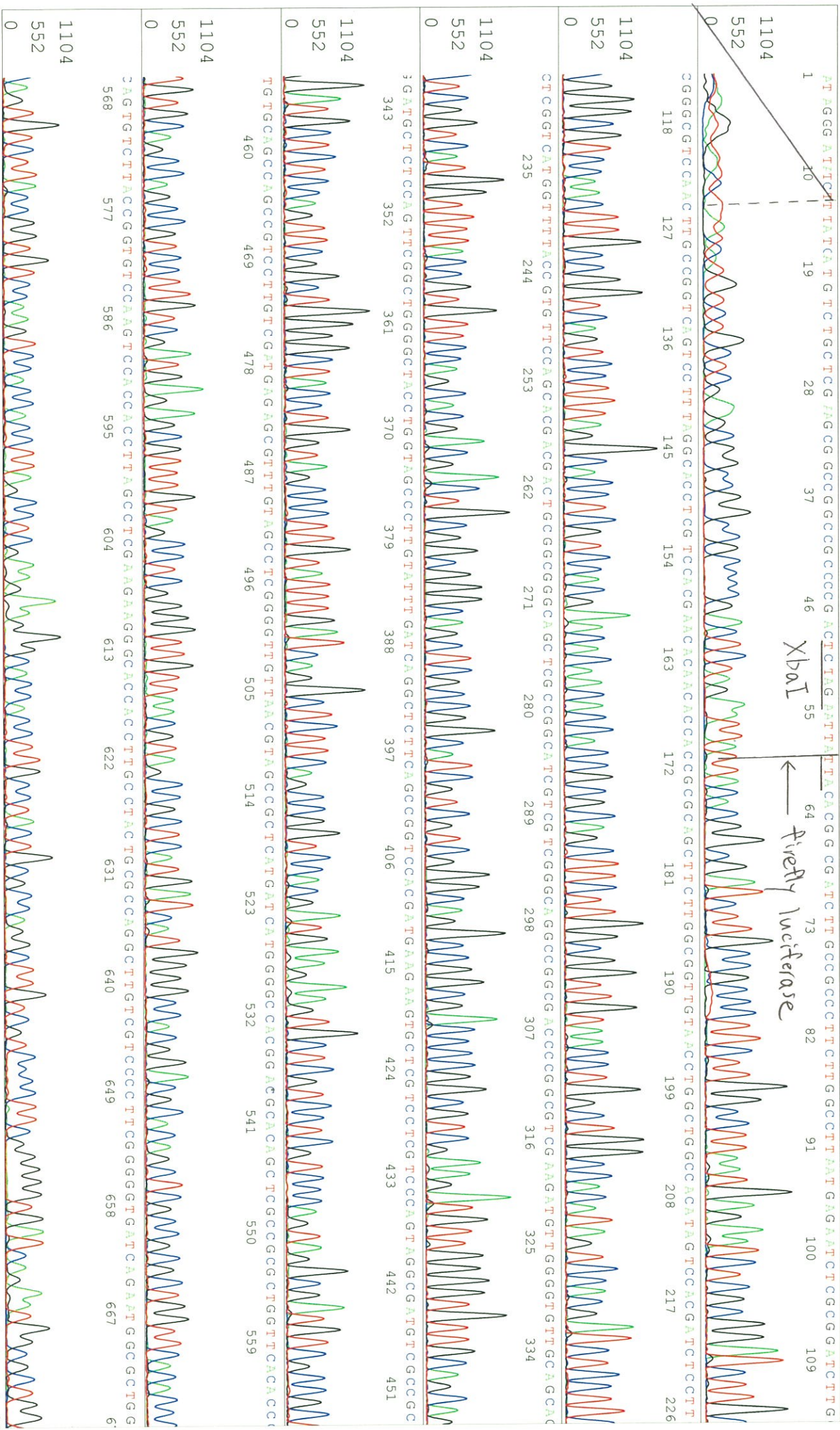
Pls 1474 to 12669 PK1 Loc:1451

Pls/Panel1350

Version 6.0

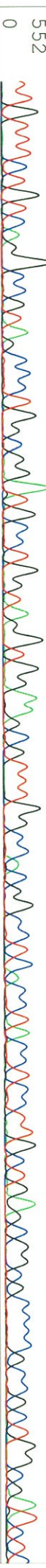
Version 6.0 HiSQV Bases: 966

Plate Name: 20171026_dnabank



T T G T T T C T G T C A G G C C G T A G C C C T G G C G G A T G C C T G G T A G G T G G A A G C G T T T G G C C A C G G C C C T C A C C T A C C T C C T T G C T G A G C G G C C C C C G C C G C T G G C G A T C T

76 685 694 703 712 721 730 739 748 757 766 775



G T G C A A G T T G C T T A G G T C G T A C T T G T C G A T G A G A G T C T T A G C G A A G A A G C T A A A T A G T G T G G G C A C C A G C A G G G C A G A T T G A A T C T T A T A G T C T T G

784 793 802 811 820 829 838 847 856 865 874



C A A G C T G C G C A A G A A T A G C T C C T C C T C G A A G C G G T A C A T G A G C A C G A C C G A A A G C C G C A G A T C A A G T A G C C C A G C G T G G T G A A A C A T G C C

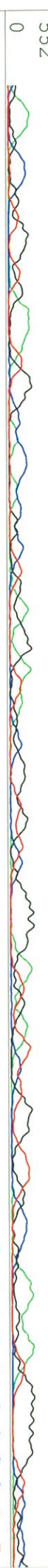
883 892 901 910 919 928 937 946 955 964

Firefly luciferase



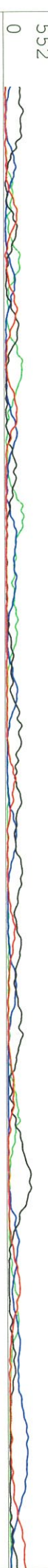
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973 982 991 1000 1009 1018 1027 1036 1045 1054



G G G C A T G A C T G A A T T C C G G A C A C A G C G T T T G C G G A T G C G G T T T A G G A C T A C G C C C T

1054 1063 1072 1081 1090 1099 1108



T G G G G C G A T G G G G C G A

111

