

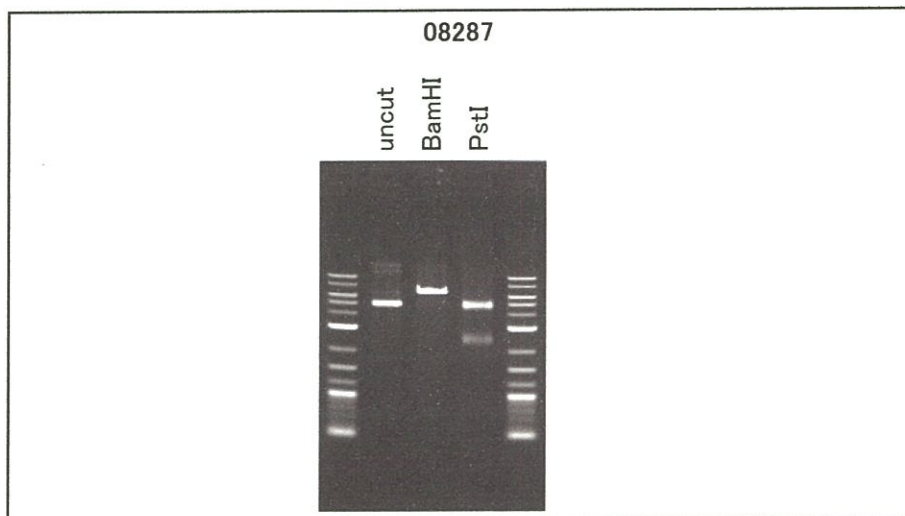
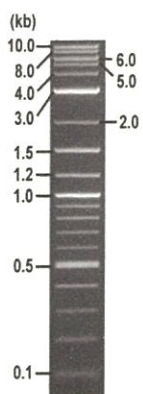


**RIKEN DNA BANK**

clone name : pET21c\_Tr-cbh2-His

- Clone ID : RDB \_ 08287
- Lot : 08287 \_ A6Af
- 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 : 92 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

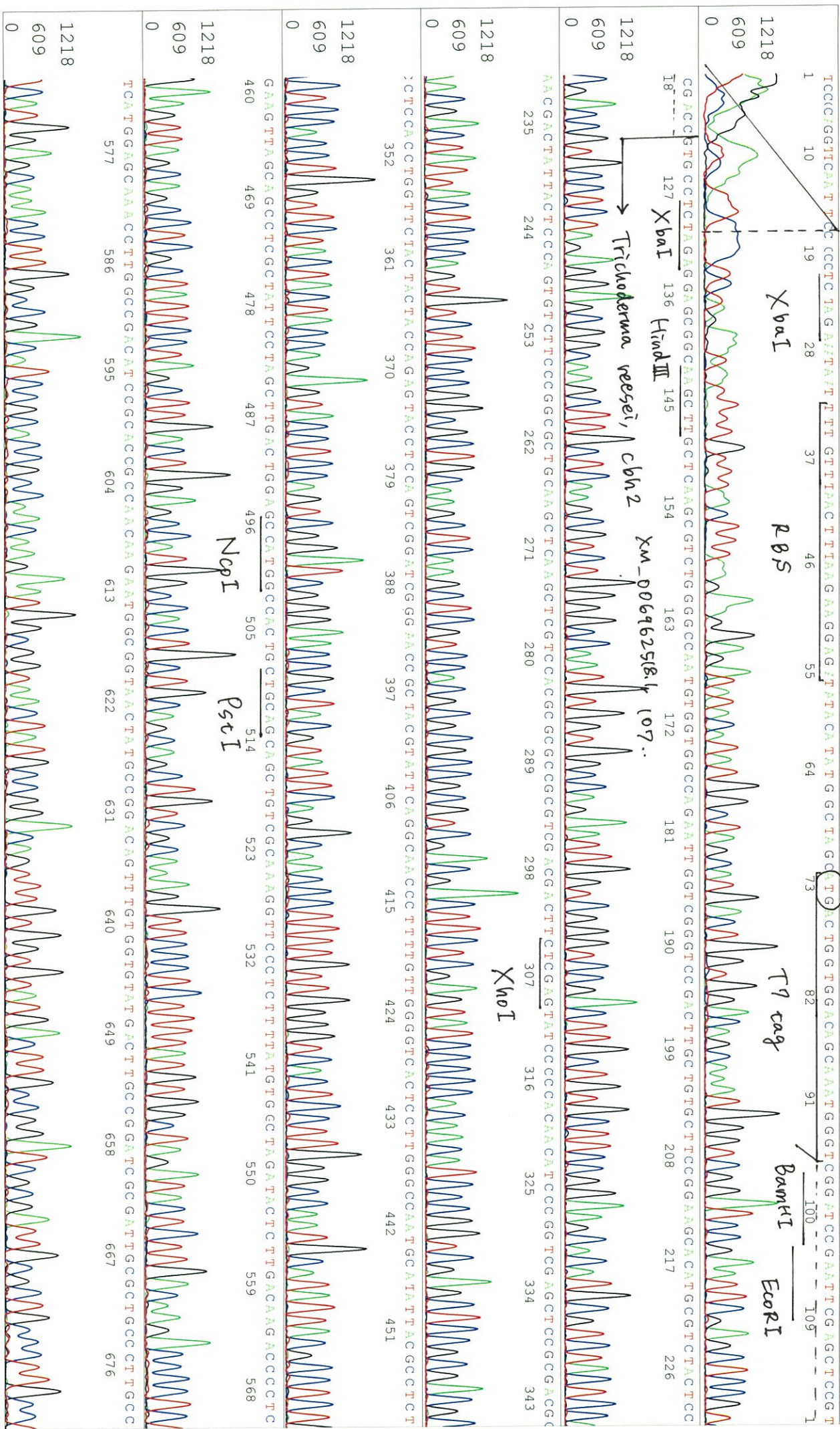
Restriction enzyme	Expected size of fragment
<u>BamHI</u>	<u>6.8</u> kbp
<u>PstI</u>	<u>4.5, 2.3</u> kbp
_____	_____ kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

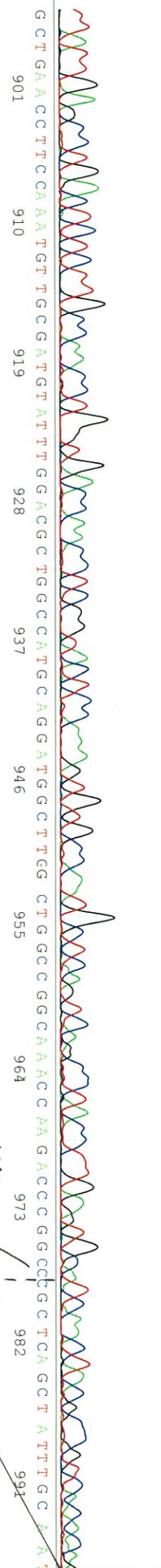
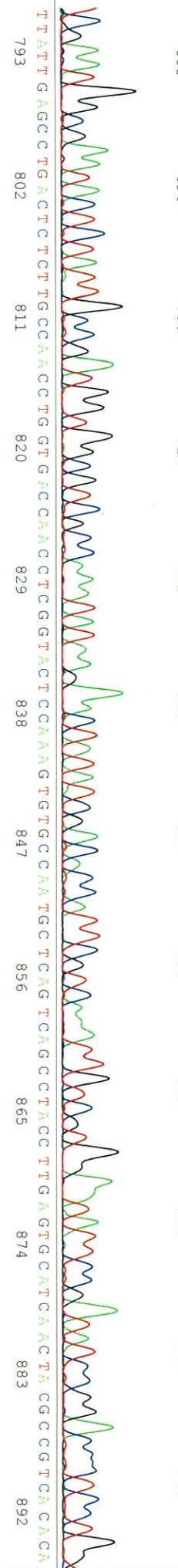
Sequence name	Primer name	Sequence name	Primer name
Sequence - A	T7_20bp	Sequence - E	-
Sequence - B	f1ori_R3	Sequence - F	-
Sequence - C	pGL3_RV4	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :

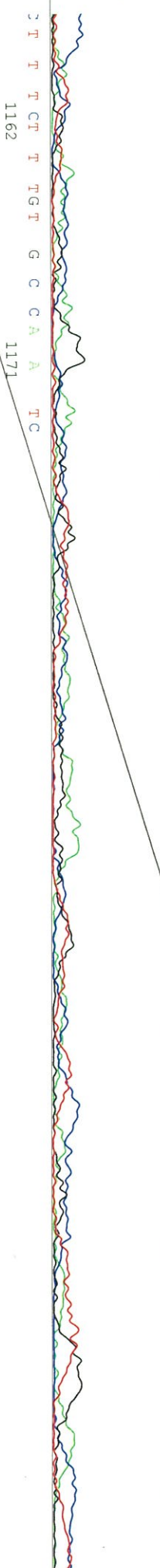
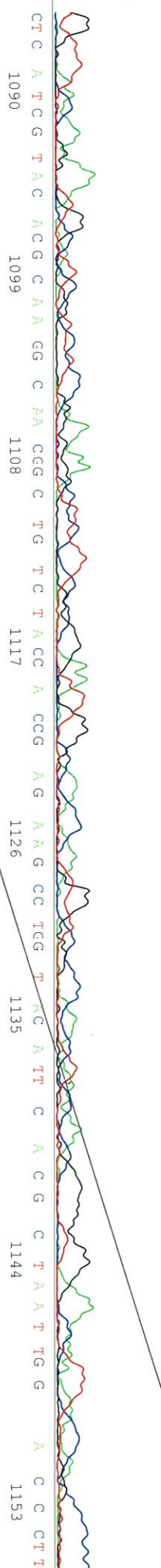
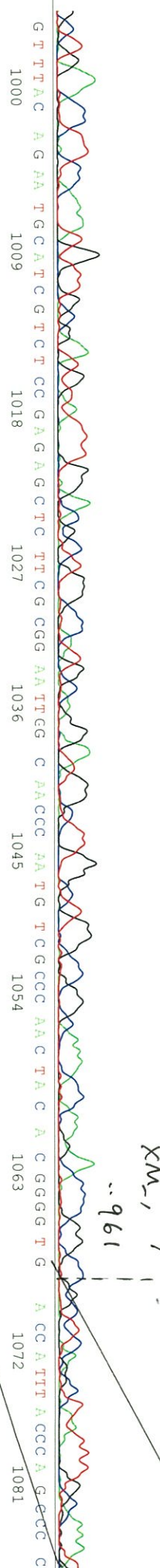




T C G A A T G G C C G A A T A C T C T T A T T G C C G A T G G T G G C G T C C C A A A T A T A A G A A C T A T A T C G A C A C C A T T C G T C A A A T T G T C C G T G G A A T A T T C C C G A T A T C C G G A C C C T C C T G G



...961  
XML /



S/N G:18 A:15 T:17 C:20

primer name  $\beta$  : f1ori\_R3

08287\_08287\_A6At\_f1ori\_R3  
KB\_3500\_POP7\_BDTV3.mob

Jan 20, 2016 09:53AM, JST  
Jan 20, 2016 10:19AM, JST

KB.bcp

5'-TTAATGCCGCCGCTACAGGGC-3'

Pts 1355 to 13242 Pk1 Loc:1332

Spacing:11.71 Pts/Panel1350

KB 1.4.1.8 Cap:18

Version 6.0 HiSQV Bases: 994

Plate Name: 20160120\_GNP



1 ATTTGCCAAATTA GCTGAGCGCCGGCTCTTGGTTTGGCCGGCCAGGCAATCCTGCAATGGCCAGCGTCCAAATACATCCGCAATTTGGAGGTTCAAGCTGTGACG

637 1274 0 GCGTAGTTGATGACACTC AAGGTAGGCTGACTGAGCATTTGGAGTACCAGGTGGTTCACCAAGGTTCGCAAGAGAGTCAAGCTCAATAAC CAGGACGGT

801 811 821 831 841 851 861 871 881 891 901

XM-1 /  
-995  
(c)

CCC GGATATCGGAA TAATTC CACGA (AATTTGACGAA TGG TGTGATATA GTCTTATAATTTGGCGACGCCA CCATCGGCAATA GAGTAATTCGCCATTCTG

1274 637 0 CAAA GGGCAGCCGCCAATCGCGAATTCGCAAGGTCATACCA C AAC A A C TGG TCCGGG CATTAG TTACC G CCAATT C TGTGG CGGG TGCC G GATG TC

1011 1021 1031 1041 1051 1061 1071 1081 1091 1101

GGG C A G TTTT G C T C AA TG AG A G G GG T C T T G T C A G A G T A T C T AA G (T A C A T A A A G G A A G G G A A A C C T

1111 1121 1131 1141 1151 1161 1171

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

1181 1191

0 1274 637 0

S/N G:62 A:51 T:53 C:71

primer name C : pGL3\_RV4

5'-GACGATAGTCATGCCCGCGG-3'

08287\_08287\_A6Af\_pGL3\_Rv4

KB\_3500\_POP7\_BDTV3.mob

Pfs 1324 to 13174 Pk1 Loc:1301

Version 6.0 HISQV Bases: 1003

Jan 20,2016 09:53AM, JST

Jan 20,2016 10:19AM, JST

Spacing:1.169 Pfs/Panel1350

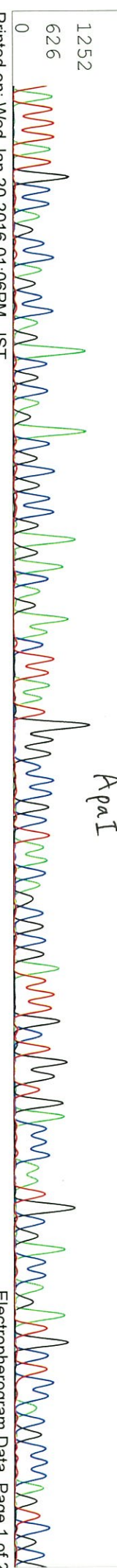
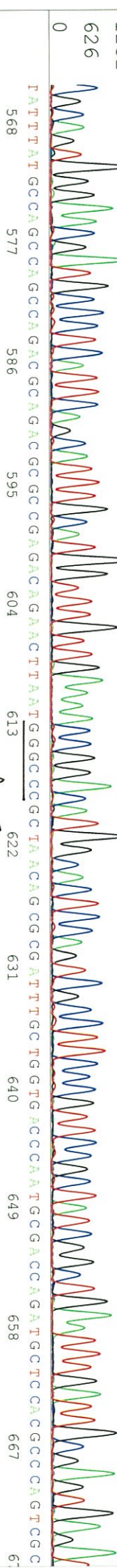
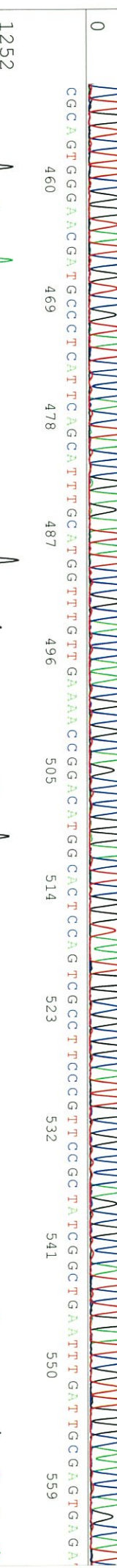
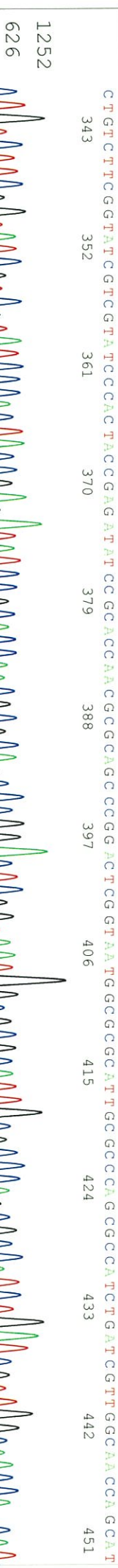
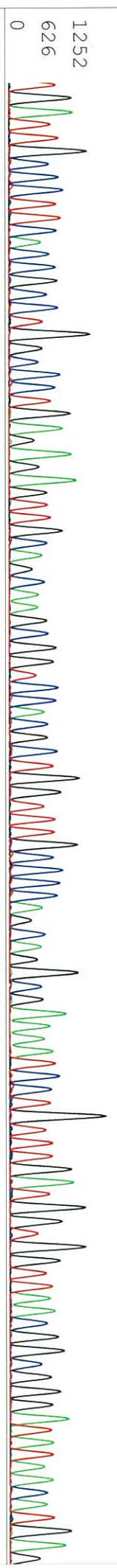
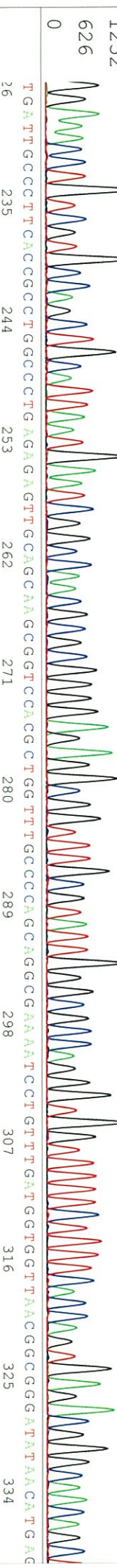
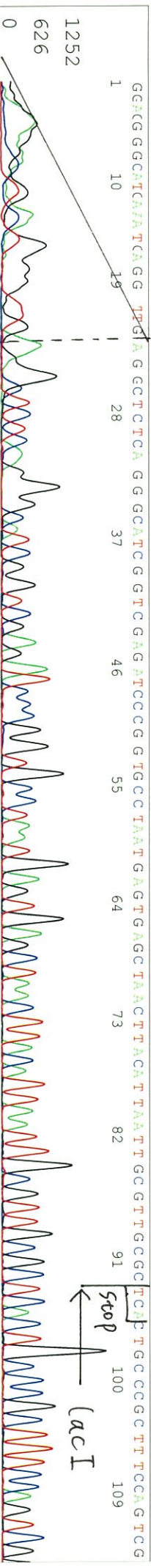
Plate Name: 20160120\_GNP

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KB 1.4.1.8 Cap:21

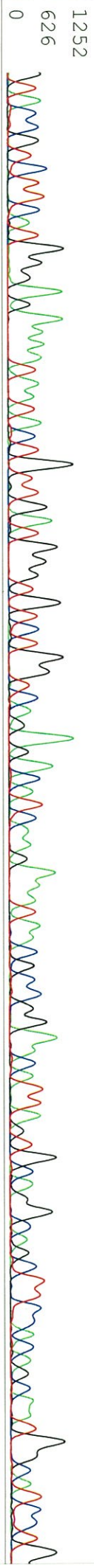
Stop  
←  
*lacI*

100  
109

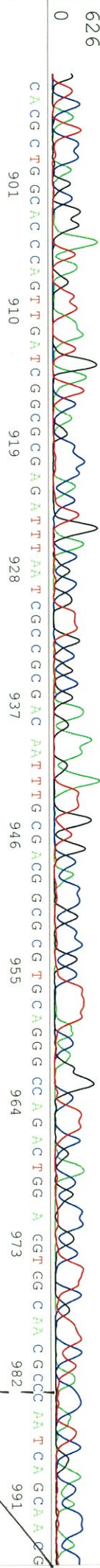


*ApaI*

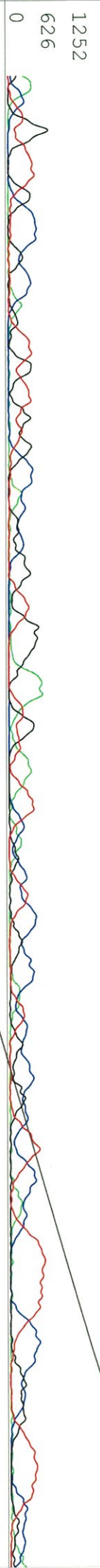
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793 802 811 820 829 838 847 856 865 874 883 892  
G T C A T C C A G C G G A T A G T T A A T G A T C A G C C C A C T G A C G C G T T G C G C G G A G A A G A T T G T G C A C C G C C G C T T T A C A G G C T T C G A C G C C G C T T C G T T C T A C A T C G A C A C



901 910 919 928 937 946 955 964 973 982 991  
C A C G C T G G C A C C C A G T T G A T C G G C C G A G A T T A A T C G C C G C G A C A A T T G C G A C G G C G T G C A G G G C C A G A C T G G A G G T G G C A A C G C C C A A T C A G C A A C G



1000 1009 1018 1027 1036 1045 1054 1063 1072 1081  
A C T G T T T G C C C G C C C A G T T T G T T G C C A C G C G G T T G G G A A T G T A A T T C A G C T C C G C C C A T C G C C A C T T T T T C C C C G C G T T T T C C G C A



1090 1099 1108 1117 1126 1135 1144 1153  
G A A A A C G T G / C T G G C T C G A T T T C A C C A C G C G G A A C C G G T C T G A T T A G A G A C A C C G G C C A T A C T C T G



1162 1171  
C C G A A C A A T C G T A A T T T A A G