

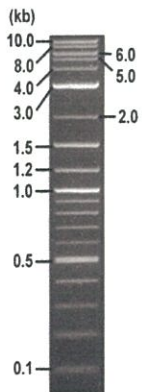


**RIKEN DNA BANK**

clone name : pGFH41

- Clone ID : RDB \_ 06590
- Lot : 14476 \_ A6L7
- 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 : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

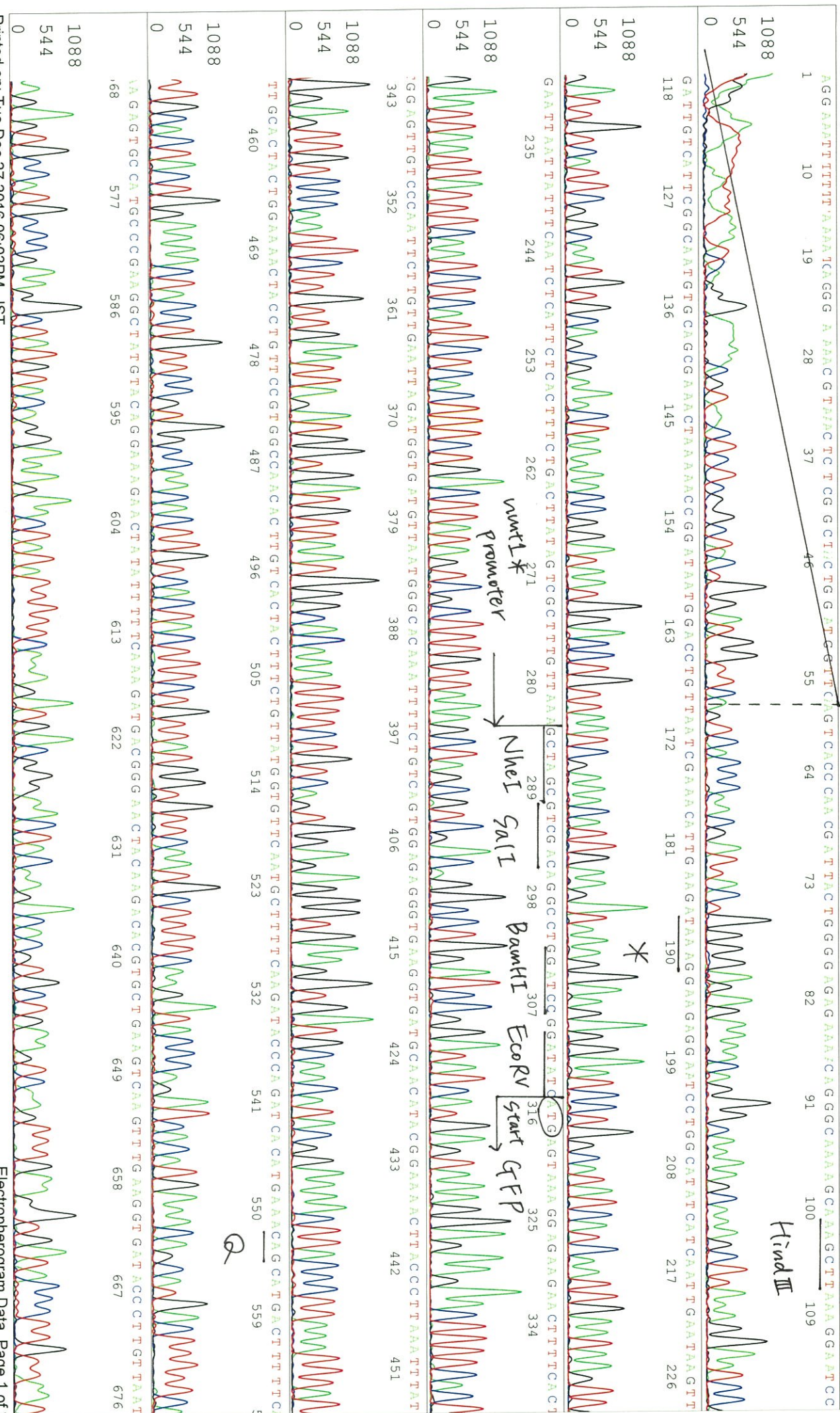
Restriction enzyme	Expected size of fragment
<b>Sall</b>	<b>9.6</b> kbp
<b>EcoRI</b>	<b>4.3, 4.1, 1.2</b> kbp
	kbp
	kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	nmt1Fw	Sequence - E	-
Sequence - B	nmt1ter_R	Sequence - F	-
Sequence - C	f1ori_R3	Sequence - G	-
Sequence - D	LEU2pro_F	Sequence - H	-

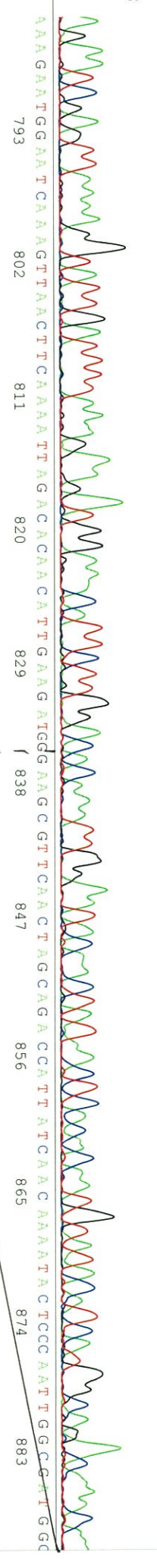


APPROVED BY :

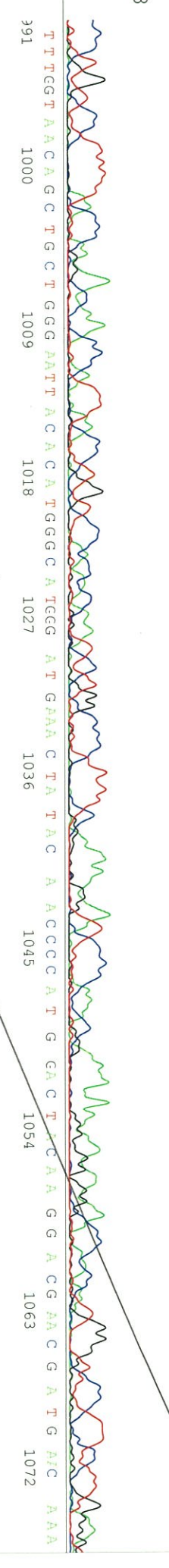




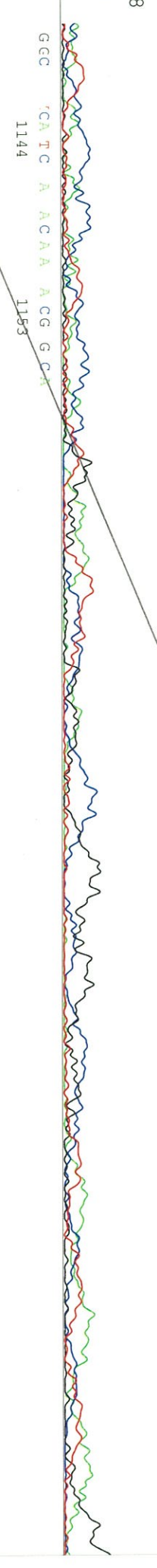
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AAAAGAAATGGAAATCAAGAATTAATCAAAAATAGACACAAATTTGAAAGATGGAAGC GTTCAA CTAGCAGA CCAATATCAACAAAATACTCCCAATTGGCCATGGC  
793 802 811 820 829 838 847 856 865 874 883



CCTGTTCC TTTTAC CAGACAA CCAATTA C CTGTCCACAAATCTGGCCCTTTTCCA AAGATCCC AACGAA AAGAGAG ACCCACATGGGTCCTTCATTGATG  
892 901 910 919 928 937 946 955 964 973 982



TTTGCTAA CAGCTGC TGGGPAATTAACAATGGGCATGGCATTAC AACCCATG GACTACAAAGACGAAAGATG AATGAA  
991 1000 1009 1018 1027 1036 1045 1054 1063 1072

CATCACTACAATCACACCTGAGATCTCGAAGTTCCGGGC CCGCCCTAAGCTTAAACCTTA G  
1088 1081 1090 1099 1108 1117 1126 1135

GCCCAATCAACAACG GCA  
1144 1153



primer name  $\beta$  : nm1ter\_R

KB\_3500\_POP7\_BDTV3.mob

Pts 1505 to 13110 Pk1 Loc: 1482

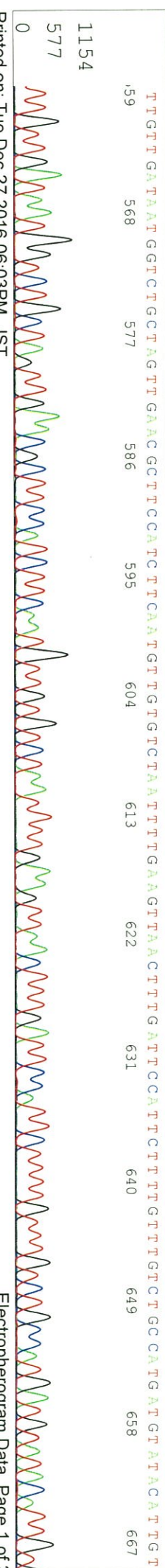
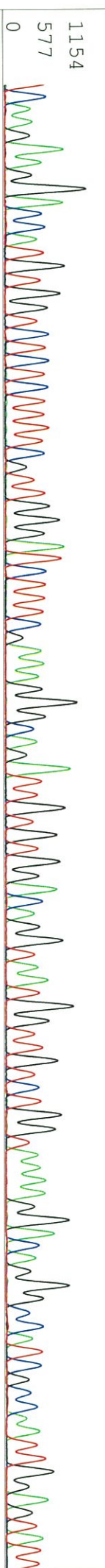
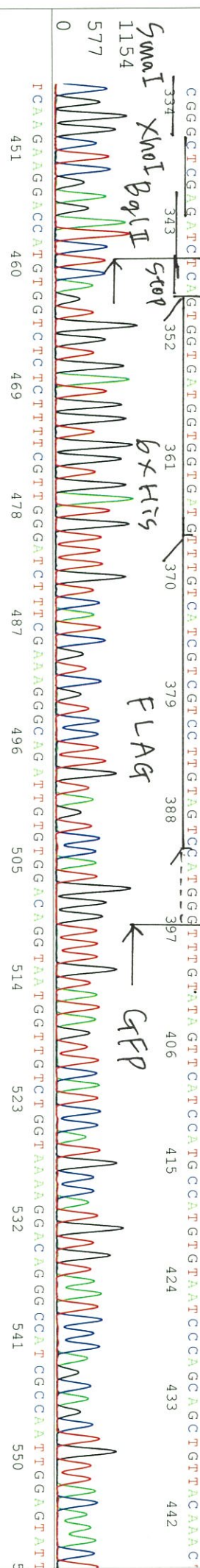
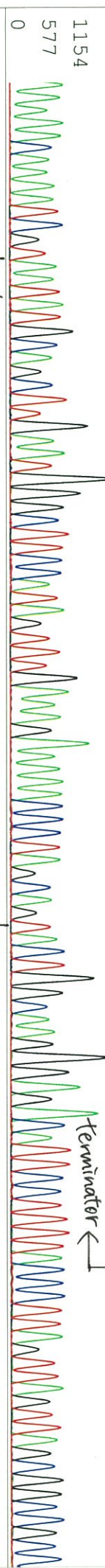
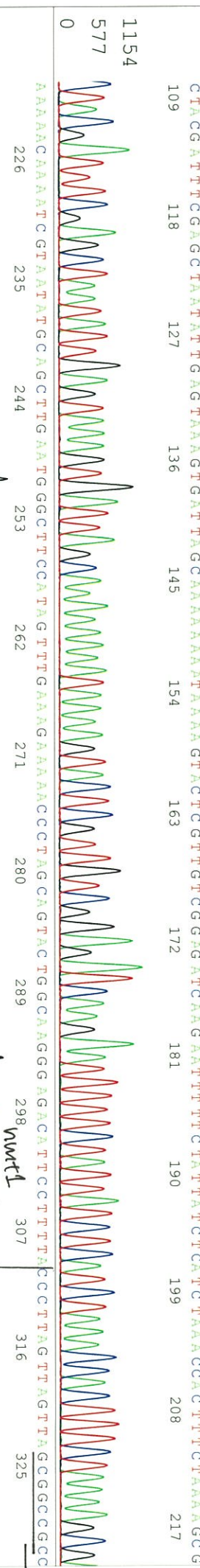
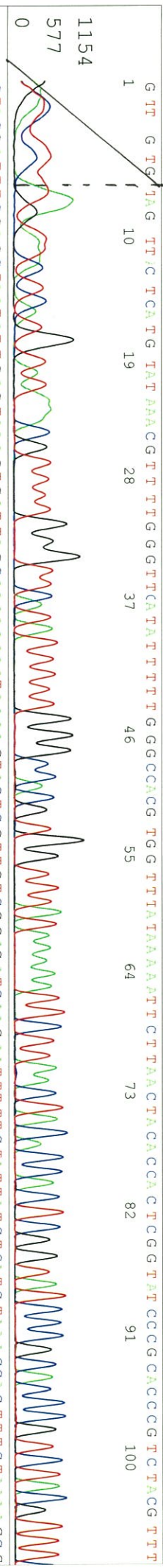
Version 6.0 HiSQV Bases: 987

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Cap:11

S/N G:119 A:148 T:161 C:117  
KB:bcp  
KB 1.4.1.8

Cap:11





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ACCTTCAGCACCGTGTCTTGTAGTTCCCGTCCATCTTGA AATAATAGTTCTTTCCGTACATAGCCCTTCGGGCA TGGCACCTTGA AAAAAATCATGCTGTTT 784 793 802 811 820 829 838 847 856 865 874

Q

CATGTGATCTGGGTA TCTTGAAAAGCA TTGAACCA TAA CAGAAA GTA GTGAC AAGTGT TGGCCACGG AAACA GTAGTTTTC CAGTAGTCC A 883 892 901 910 919 928 937 946 955 964

AA T AAA TTT AAA (GG T AA G TTT TCCC G TATG TTGC ATCA CCC TTT C ACCCC TCTCC AC TGA CAG AAA A TT T G TGC CCA TTT AA C A 973 982 991 1000 1009 1018 1027 1036 1045 1054

ATCA CCATCT /C TCAAA CAG AA TTGG ACCAC TTCC AGTG AAAA AGG TCGTCC TTT 1063 1072 1081 1090 1099 1108

TAAACCTCA TGC G/T 1117





S/N G:80 A:120 T:121 C:90

06590\_14476\_A6L7\_f1ori\_R3

Dec 27, 2016 03:45PM, JST

primer name C : f1ori\_R3

KB\_3500\_POP7\_BDTV3.mob

Dec 27, 2016 04:11PM, JST

KB.bcp

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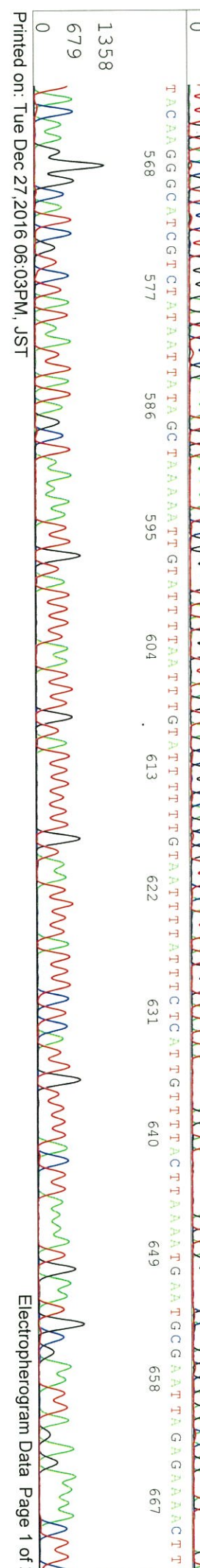
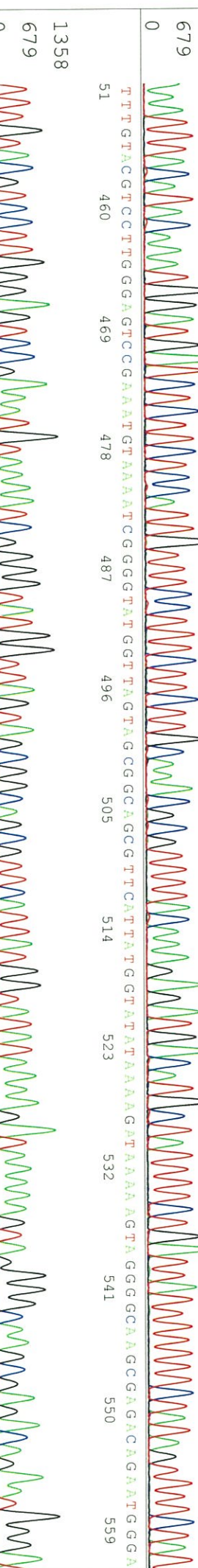
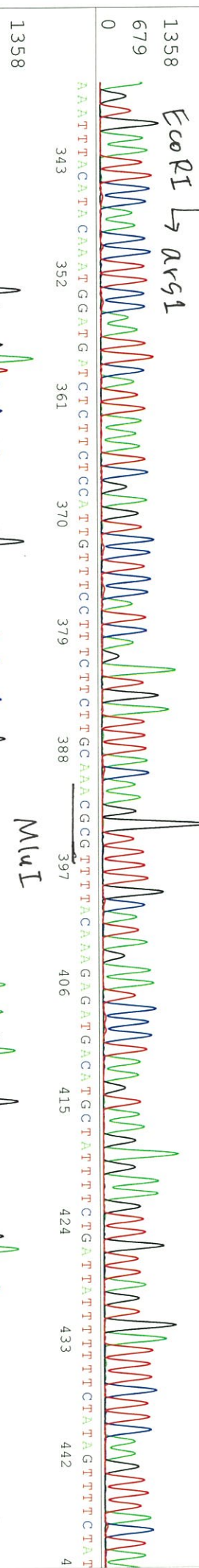
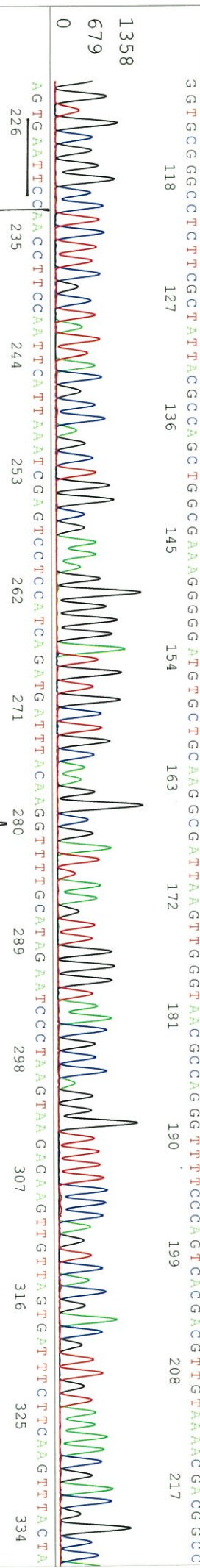
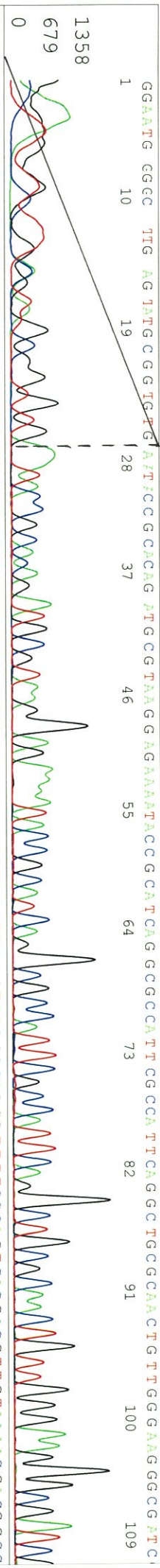
Pis 1513 to 13077 Pk1 Loc: 1490

Spacing: 1.66 Pts/Panel1350

KB 1.4.1.8 Cap:17

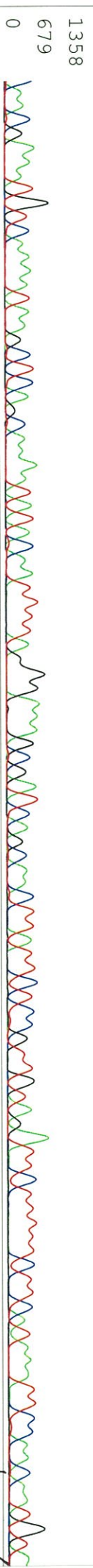
Version 6.0 HISQV Bases: 987

Plate Name: 20161227\_dnabank

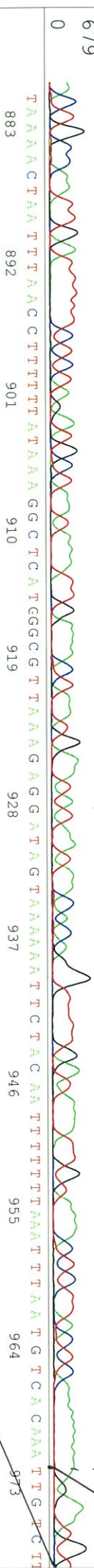




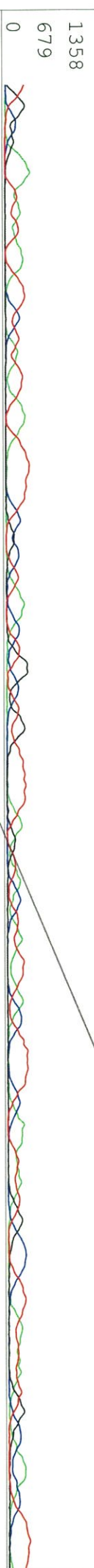
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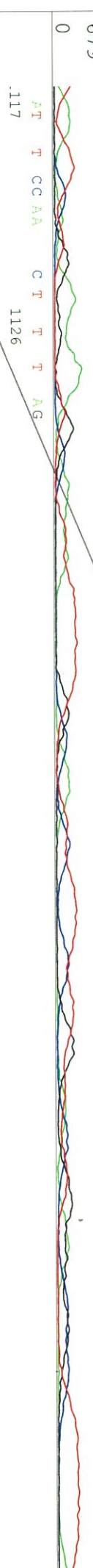
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TGC GAAATAT AATTTCTAA TTTAAATTTTCTCGCTAACTGGCTGG TTTTAGTACTATT ACTTTCAA TATG CCC TTTA TATGC AA CTTT



AA TT CATTG A GG AA TG C AA TA TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT TTTT



S/N G:31 A:40 T:41 C:32

primer name  $\phi$  : LEU2pro\_F

06590\_14476\_A6L7\_LEU2pro\_F

Dec 27, 2016 03:45PM, JST

KB.bcp

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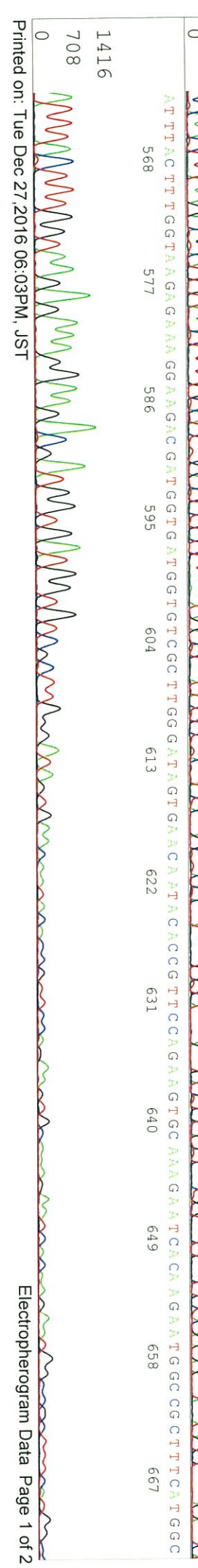
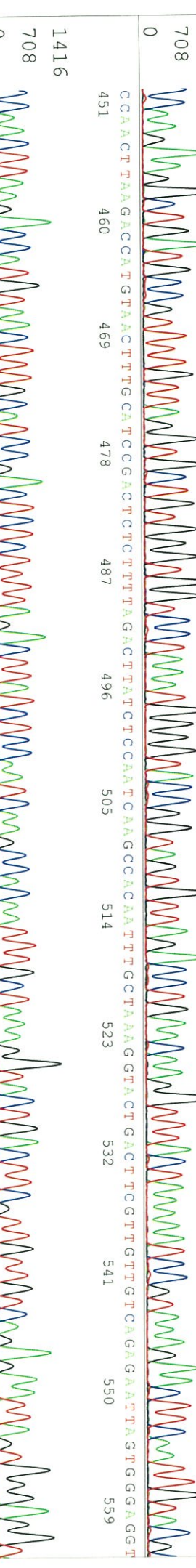
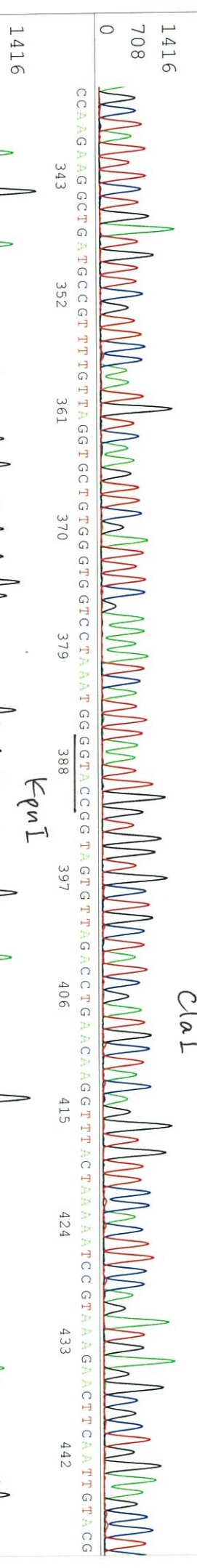
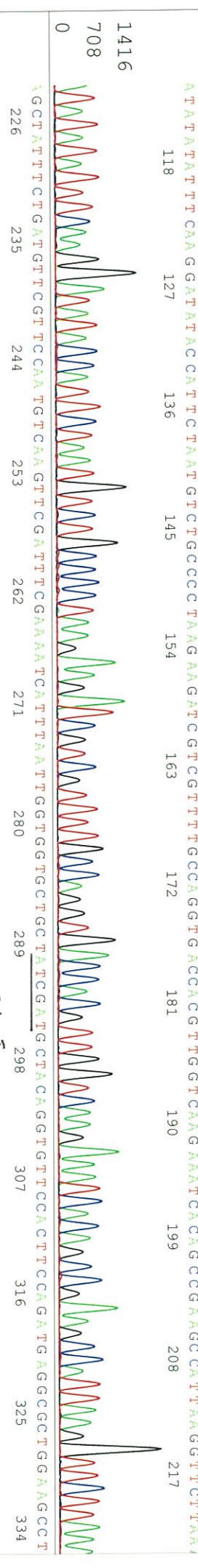
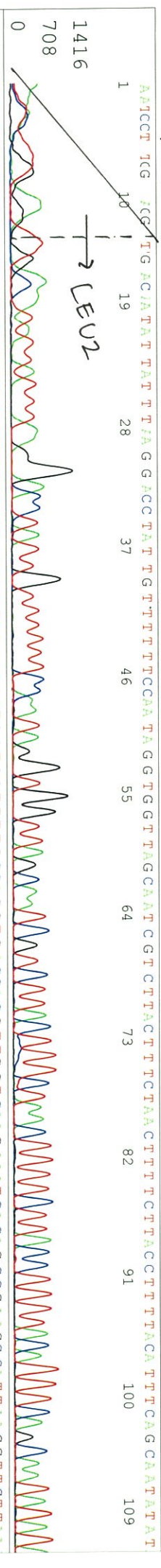
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Dec 27, 2016 04:11PM, JST

KB 1.4.1.8 Cap:14

Version 6.0 HiSQV Bases: 945

Spacing: 11.7 Pts/Panel1350





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1416
708
0

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CCCCATATGAAAGGTTCATACTCAATTGAT TGTGATCTGC CGCCATGATCTAG TTTAA GAACCCACC TAAA TGGGTTATAT AAT CAC CA GCAA CATTGT
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708
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