

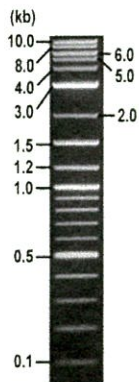


**RIKEN DNA BANK**

clone name : pCAGS-FLAG Qki5

- Clone ID : RDB\_16798
- Lot : 16798\_A8L7
- 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>ApaI</u>	<u>5.6</u> kbp
<u>KpnI</u>	<u>5.6</u> kbp
<u>ApaI+KpnI</u>	<u>4.4, 1.5</u> kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	pCAG-F	Sequence - E	-
Sequence - B	pCA-bgter	Sequence - F	-
Sequence - C	SV40pro_F	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :













S/N G:51 A:48 T:42 C:55 primer name *B* : pCA-bgter

KB.bcp

5'-ATTAGCCAGAAGTCAGATGCTC-3'

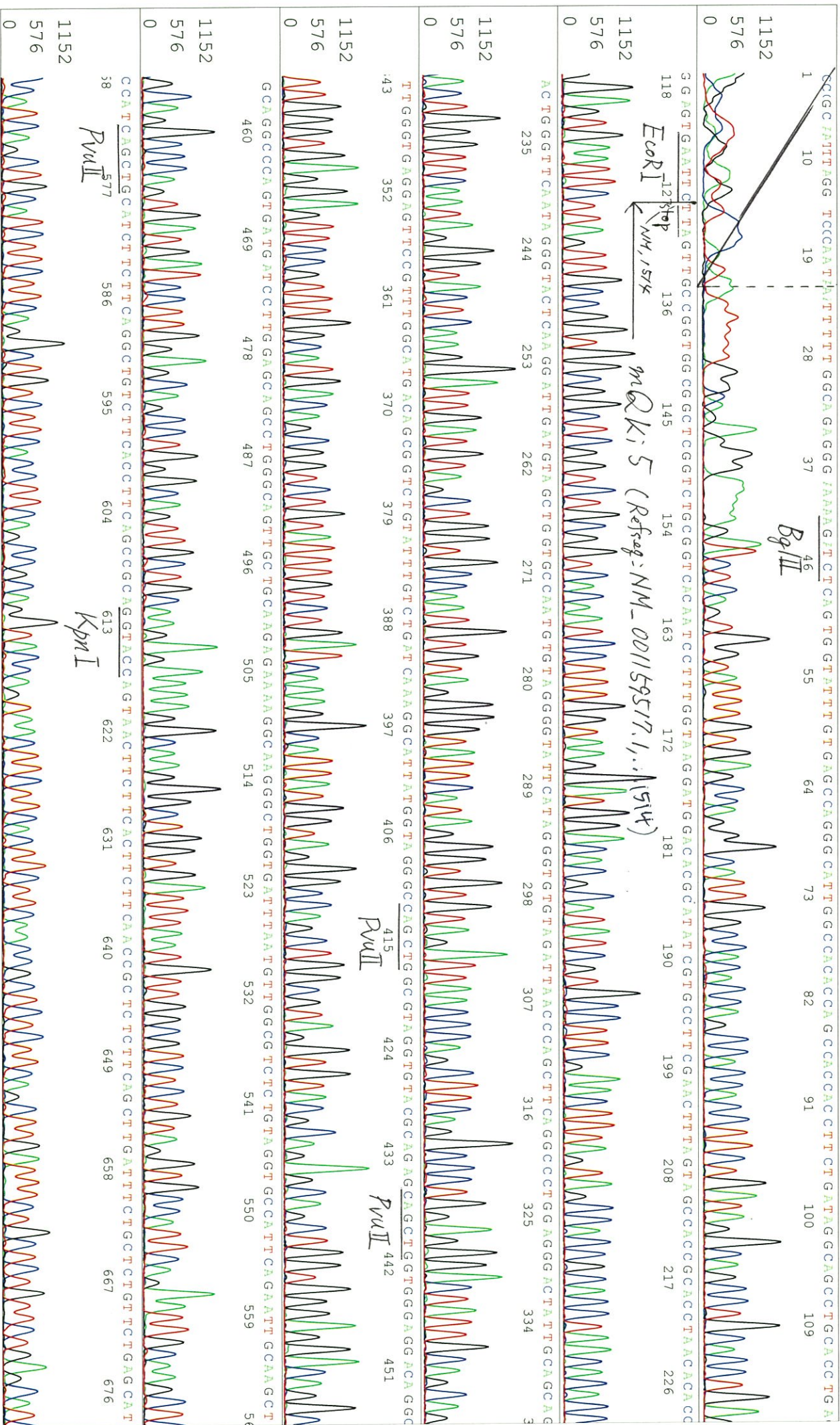
KB 1.4.1.8 Cap:14

Version 6.0 HISQV Bases: 1004

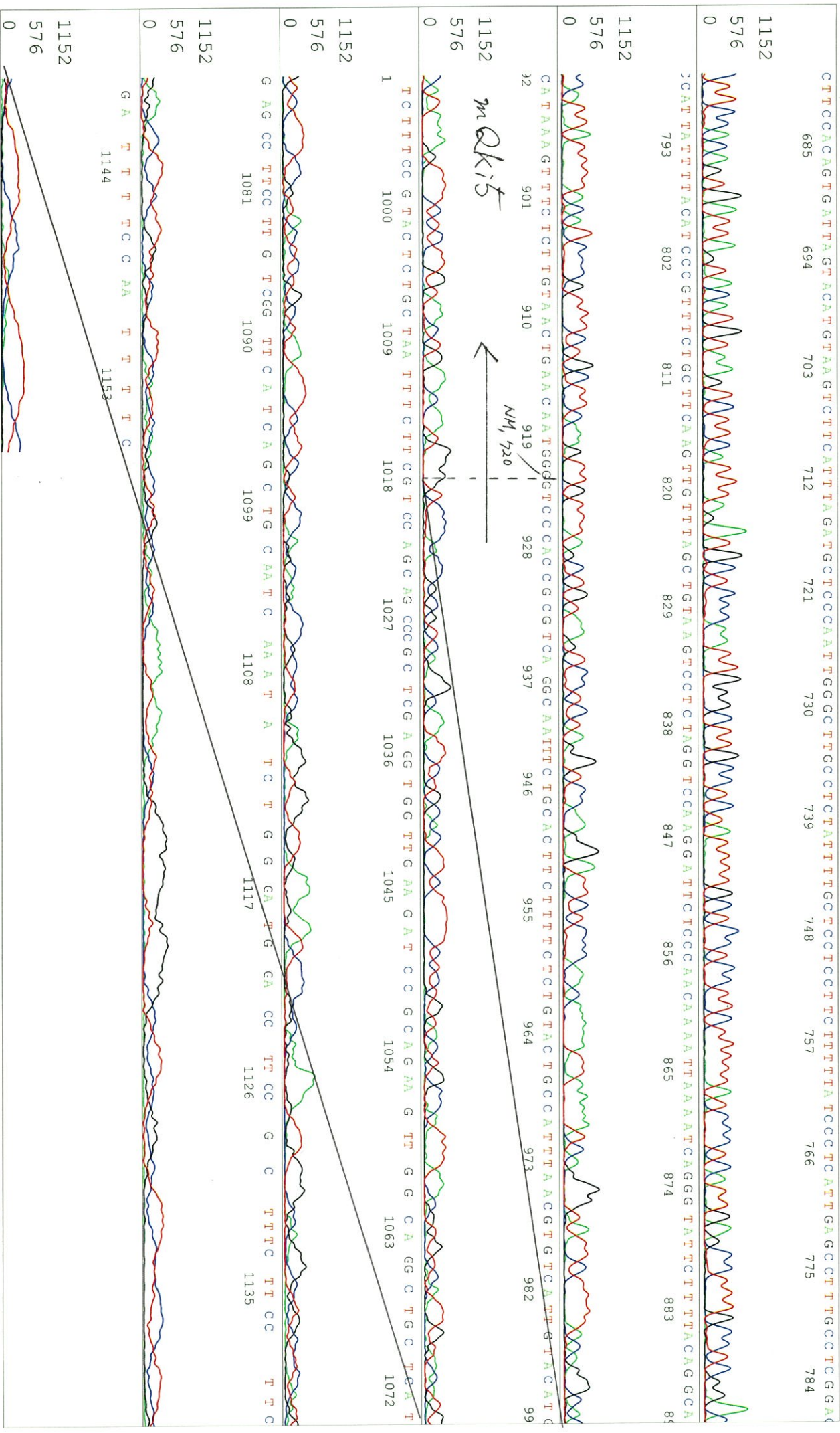
*Bg/III*

*mQki 5 (Refseq: NM\_001159517.1...1514)*

*EcoRI* 12bp NH, 5'K









S/N G:23 A:24 T:21 C:31

primer name C : SV40pro\_F

D05707A1\_A8L7\_2\_SV40pro\_F  
KB\_3500\_POP7\_BDTV3.mob  
Pis 1360 to 14802 Pk1 Loc:1337

Jan 22, 2019 01:50PM, JST  
Jan 22, 2019 02:17PM, JST  
Spacing:13.02 Pts/Panel1350

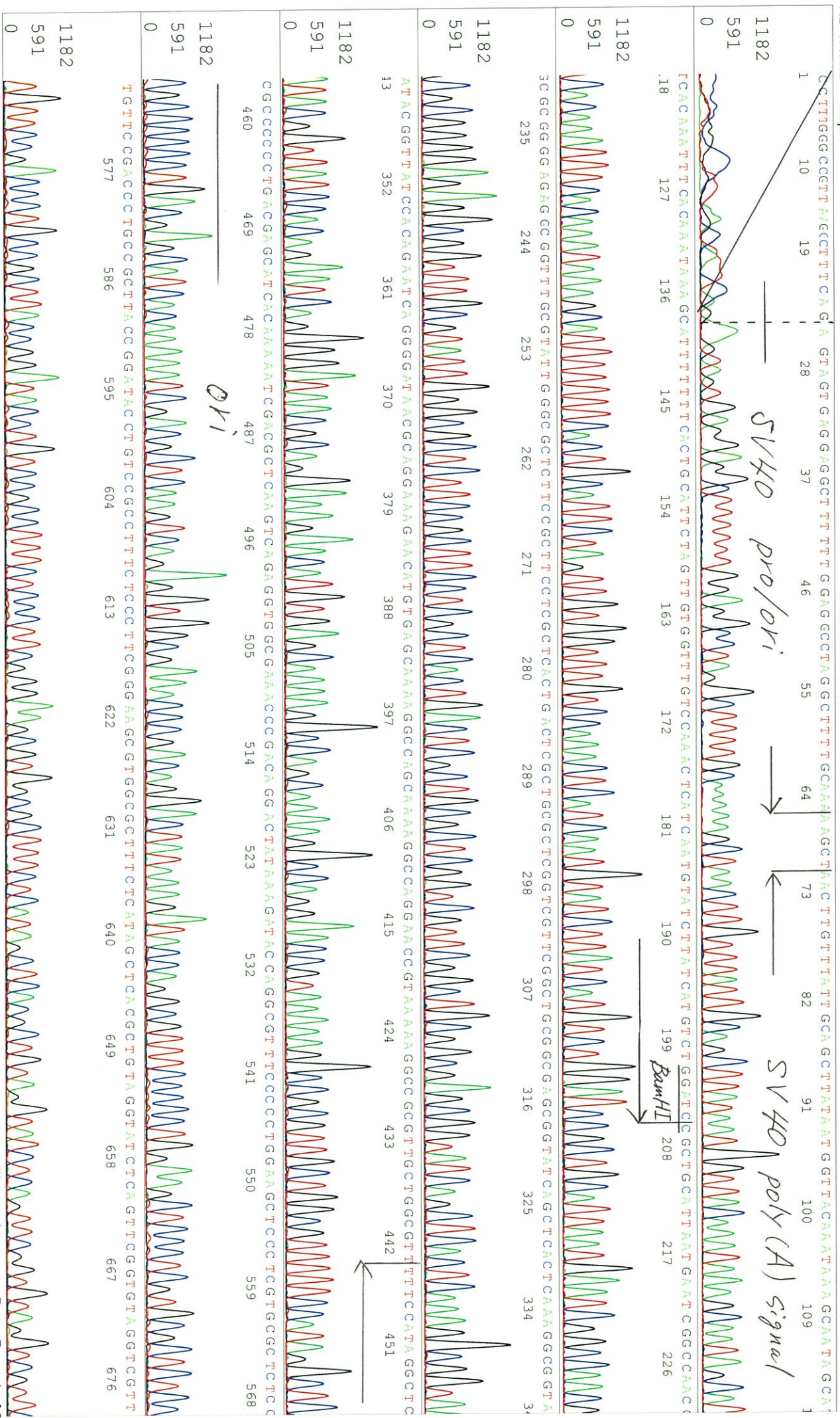
KB.bcp

5'-TATTATGACAGAGGCCGAGG-3'

Version 6.0 HISQV Bases: 1054

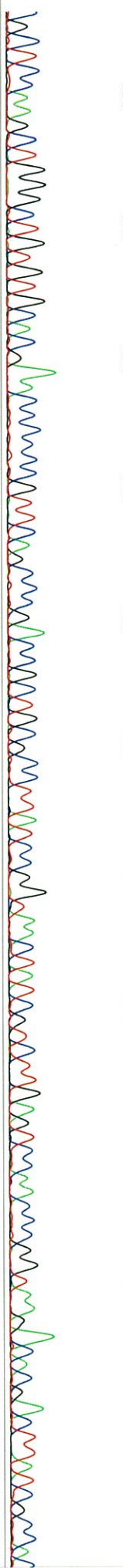
Plate Name: 20190122\_kitaku

KB 1.4.1.8 Cap:1

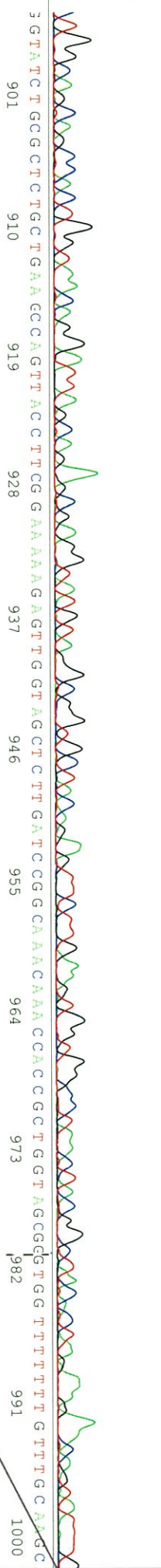




CGCTCCAAAGCTGGGCTGTGTGCACGAAACCCCCCGTTCA GCCCGAACCGCTTGCCGCTTATCCGGTAACTATCGTCTTGAGTCCCAACCCGGTAA GAAACA GACTTATCGCCAI



CTGGCAGCAGCCACCTGGTAAACAGGATTAGCCAGAGGATGTAGGCGGTGCTACAGAGTTCTTGAAGTTGGTGG CCTAACTACGGCTACACTAG AAGAACA GTATTTC



AGCAGATTATTCGGCGCAAAAAA GAA GATCC TTTTCTAC GGGCTCTGACGC TCA G TGG AA CG AAA CCTC ACG TTAAA GG A

T T T (G T C A T G A G V A T A T C A A A A A G G A T C C T T T G A T C T G A C G C T C A G T G A A G T T A A A A T G A A G T T T A A T T C A C T C

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

