

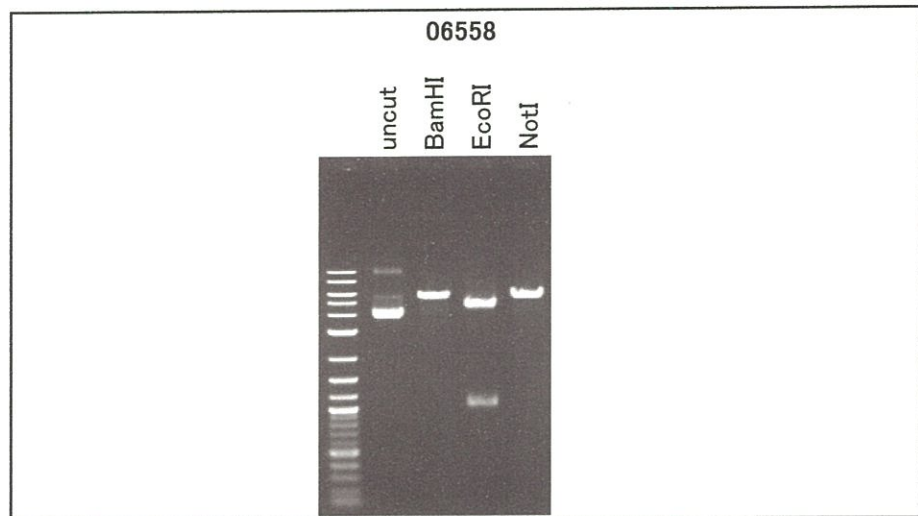
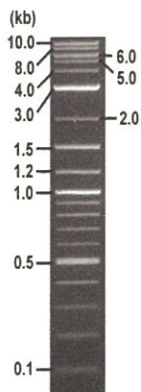


RIKEN DNA BANK

clone name : pARG1H

- Clone ID : RDB _ 06558
- Lot : 14295 _ A6Hh
- 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
<u>BamHI</u>	<u>5.7</u> kbp
<u>EcoRI</u>	<u>4.7, 1.0</u> kbp
<u>NotI</u>	<u>5.7, 0.01</u> kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	TEFpro_F	Sequence - E	-
Sequence - B	TEFter_R	Sequence - F	-
Sequence - C	ADH-Forward	Sequence - G	-
Sequence - D	-	Sequence - H	-



APPROVED BY :

S/N G:963 A:870 T:818 C:1324

primer name A : TEFpro_F

06558_14295_A6Hh_TEFpro_F

Aug 24, 2016 10:01AM, JST

KB.bcp

5'-ATAATCATTGGCATCCATAC-3'

KB_3500_POP7_BDTV3.mob

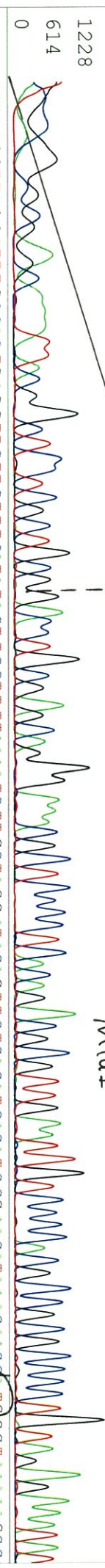
Aug 24, 2016 10:27AM, JST

KB 1.4.1.8 Cap:10

Pis 1457 to 12665 Pk1 Loc:1434

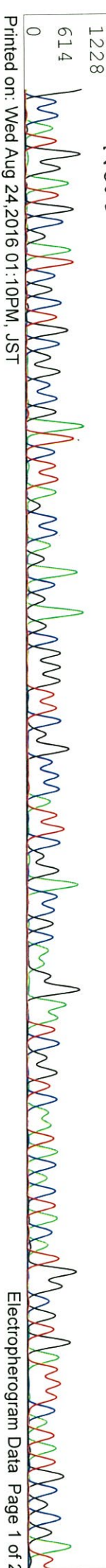
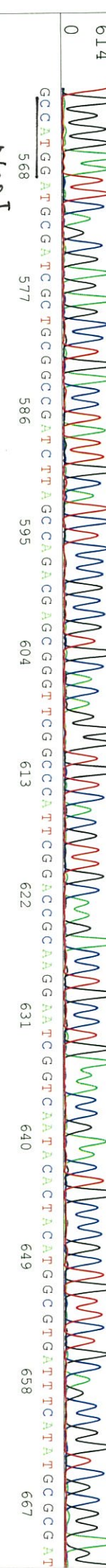
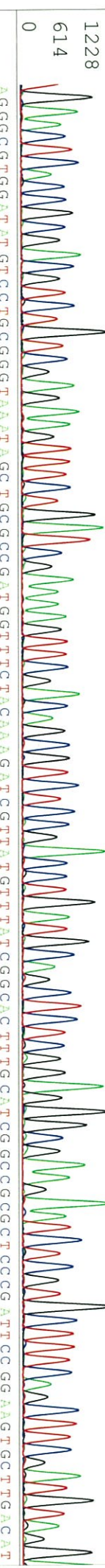
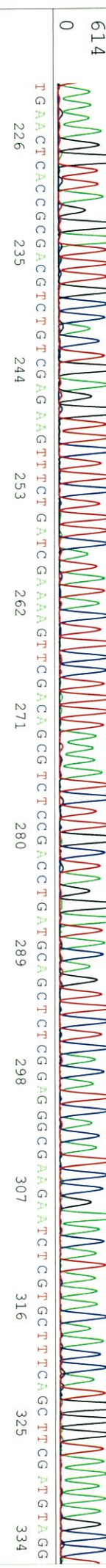
Spacing:11.37 Pts/Panel1350

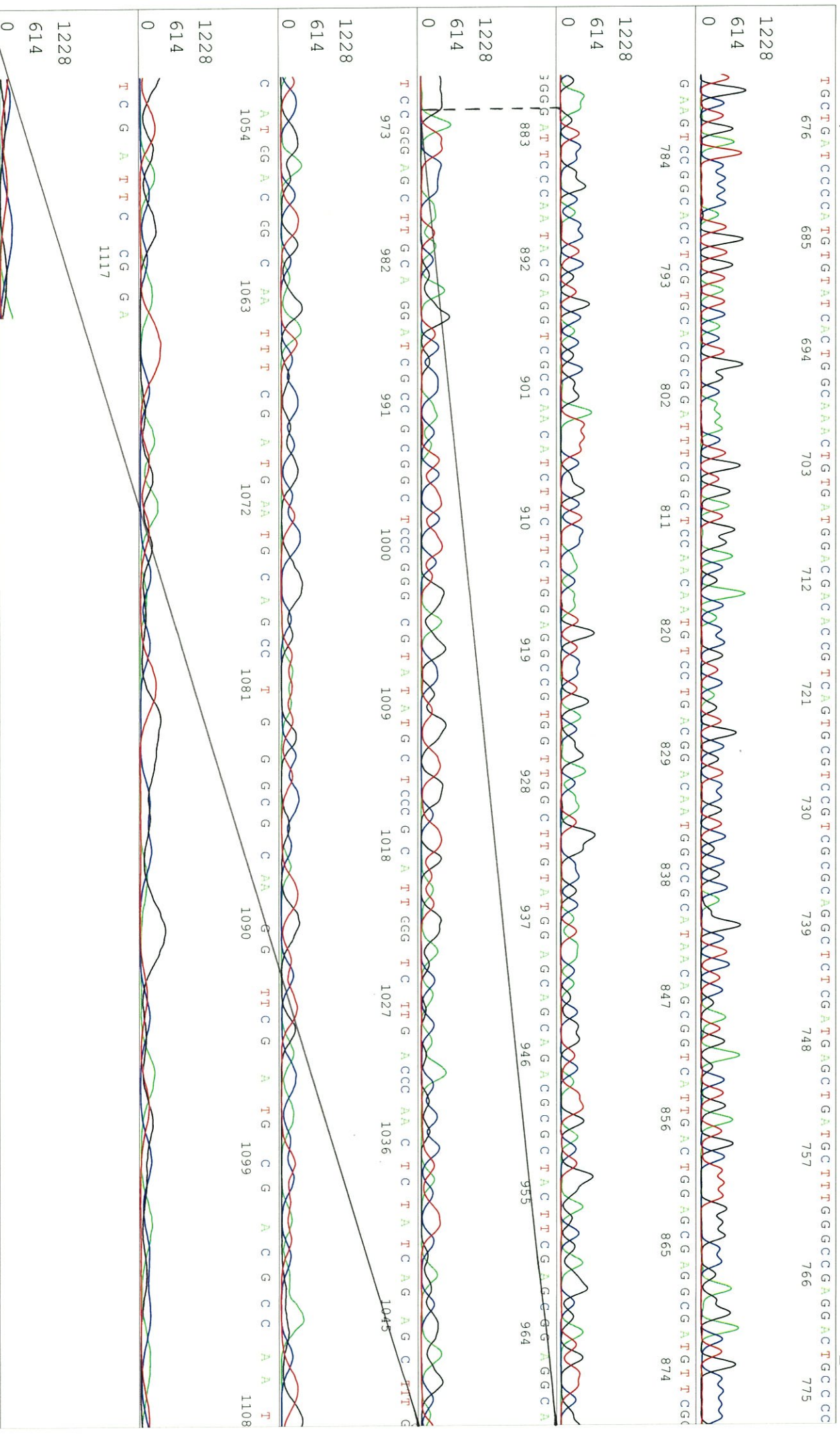
TC CA G CG CG GGC AAAATTAC G GCT CCT CGG TGC GG fcc TGC CG GGC AAG GC TCC CCT CACA G ACC CGT TGA ATT GT CCC CAC CG CG CCCC TG TAG A A A A T T



.09 118 127 136 145 154 163 172 181 190 199 217

TEF promoter → hphMX6
NcoI 288 start





S/N G:582 A:652 T:561 C:936

primer name B : TEFter_R

06558_14295_A6Hh_TEFter_R

Aug 26, 2016 10:15AM, JST

KB.bcp

5'-TCTGGGAGATGATGTCGAGGC-3'

KB_3500_POP7_BDTV3.mob

Aug 26, 2016 10:41AM, JST

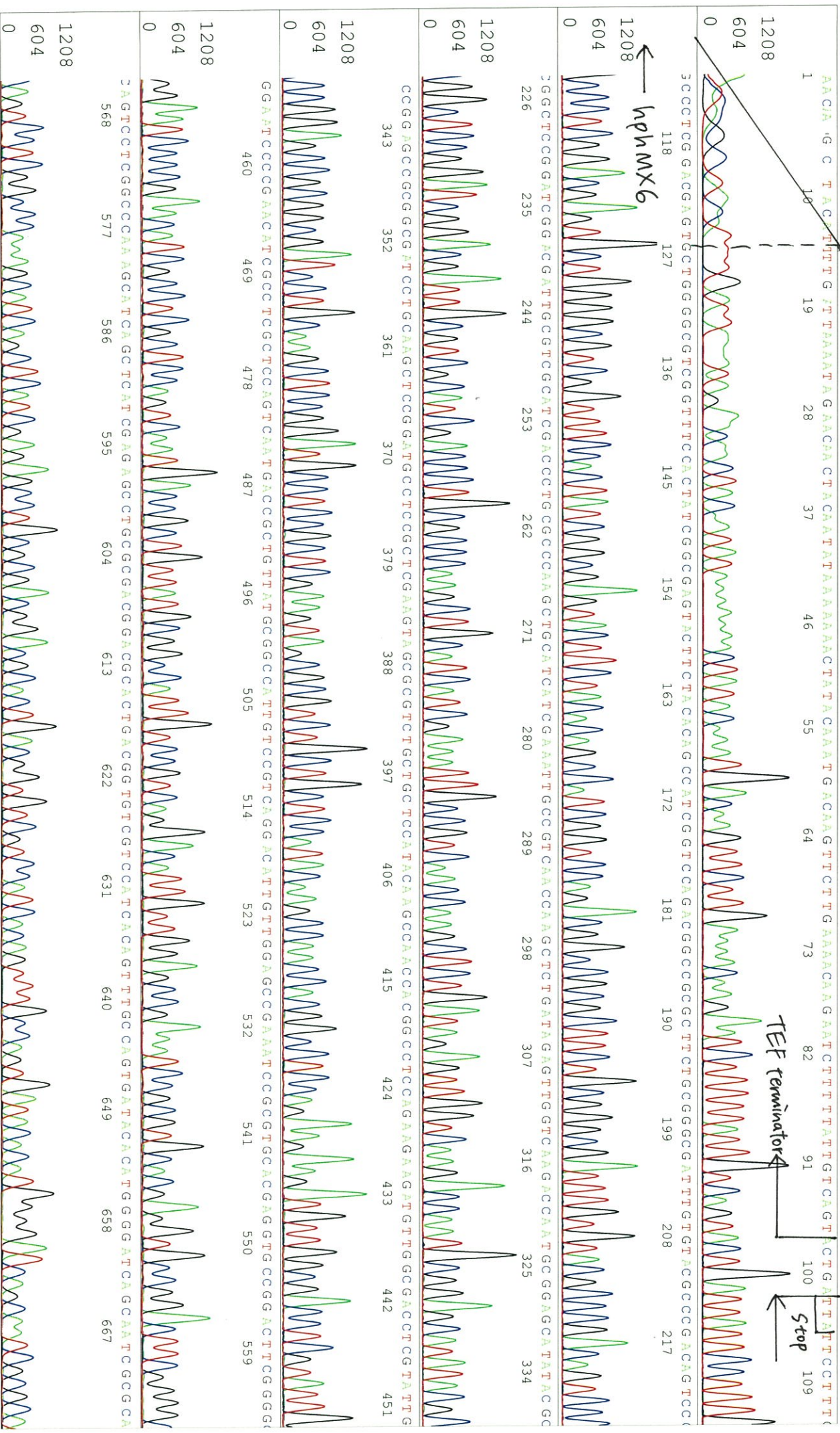
KB 1.4.1.8 Cap:4

Pis 1564 to 12659 PK1 Loc:1541

Spasing:11.2 Pis/Panel1350

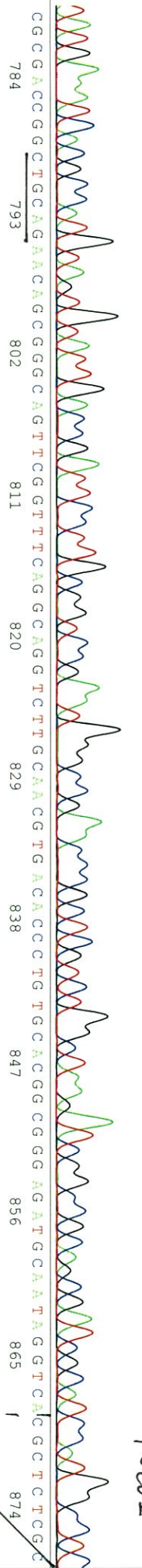
Version 6.0 HISQV Bases: 967

Plate Name: 20160826_mix



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

Neo I



Ps+I

