

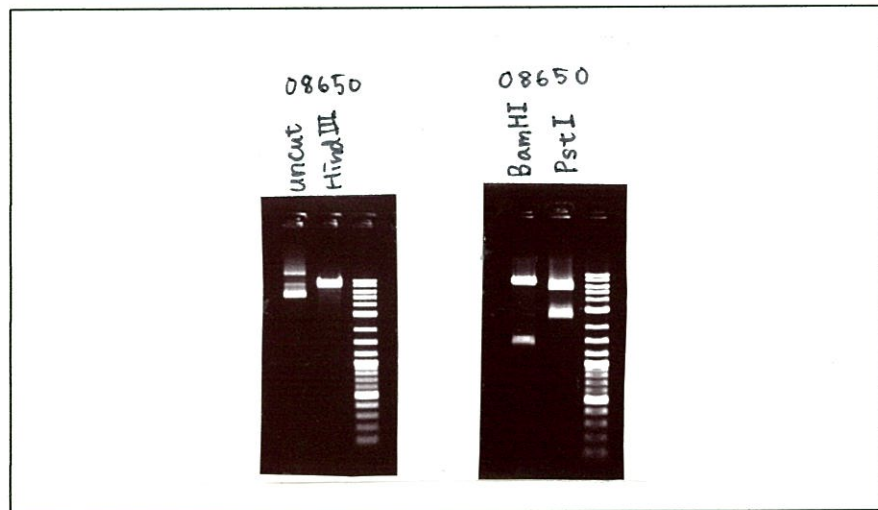
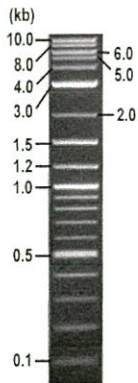


RIKEN DNA BANK

clone name : 316-mRFP-SEC12

- Clone ID : RDB_08650
- Lot : 08650_A4Io
- 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 : 47 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment
<u>HindIII</u>	<u>8.7</u> kbp
<u>BamHI</u>	<u>7.1, 1.6</u> kbp
<u>PstI</u>	<u>6.0, 2.7</u> kbp
	kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name
Sequence - A	TDH3pro_F
Sequence - B	CMK1ter_R
Sequence - C	-
Sequence - D	-

APPROVED BY :



S/N G:52 A:67 T:55 C:68

primer name A : TDH3pro_F

08650_08650_A410_TDH3pro_F

Oct 03, 2014 02:19PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Oct 03, 2014 02:45PM, JST

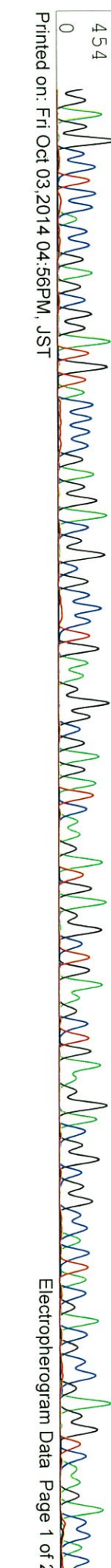
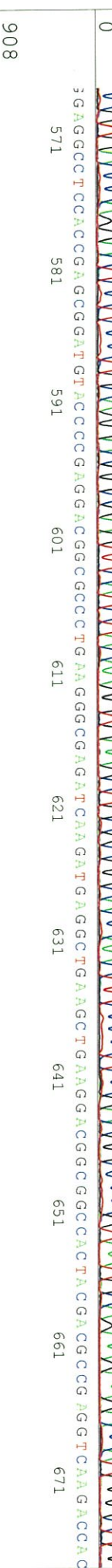
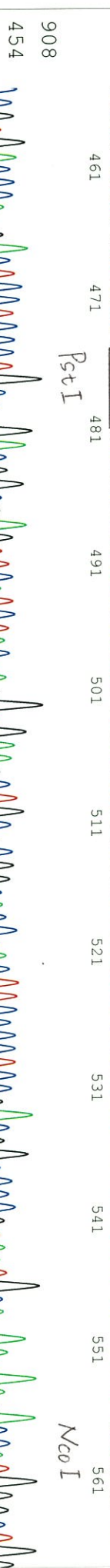
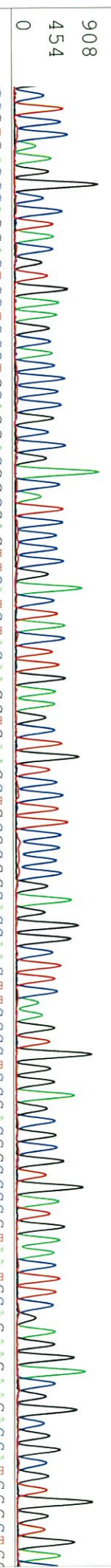
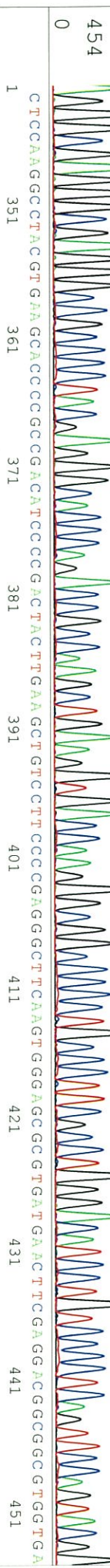
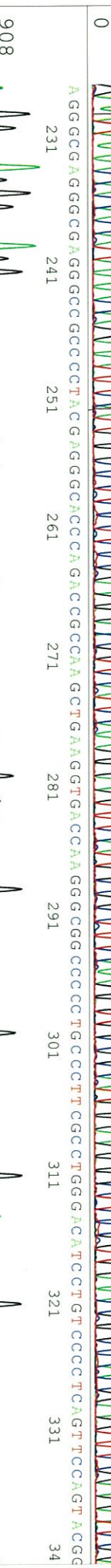
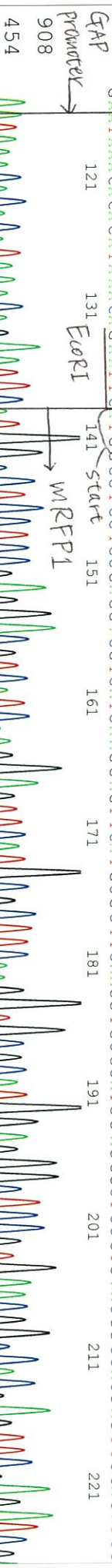
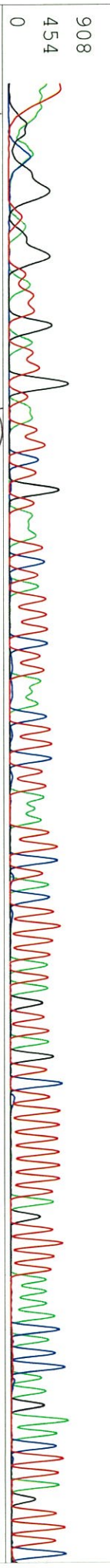
KB 1.4.1.8 Cap:7

5-AAATTATTCCCTACTTGAC-3'

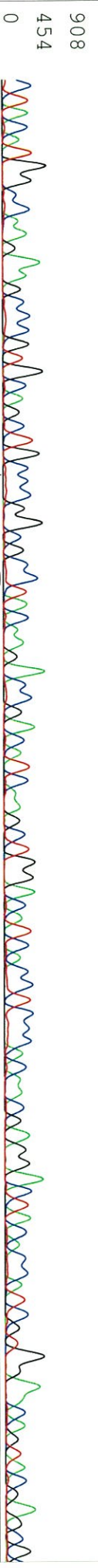
Pis 1212 to 12099 PK1 Loc:1189

Spacing:10.93 Pfs/Panel1350

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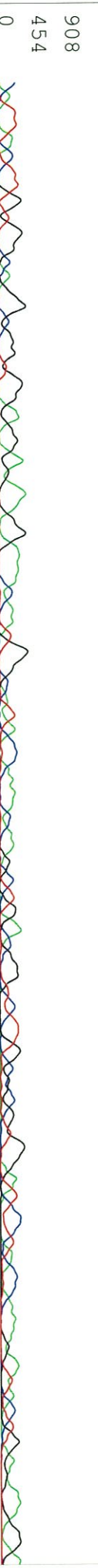


CTACATGGCCAAAGAAAGCCCGTTGCCAGCTGCCCGCGCCCTACCAAGACCGACATCAAGCTGGACATCACTCCCAACAAGAGACTACACCAATCCGTGGAAACAGTACGAGCGG



in frame with wRFP1
wRFP
Bgl II
start
SEC12

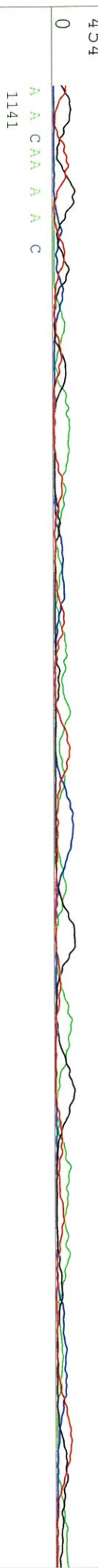
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ACAGTTTCAATATTTGAGCGAG TTTGCCATTGG AAGACAA CGACGACTCTCCCTACTGCAATTTGACGC TTTCCAA GGGG TATCATTTT



FGTTTGCCCTGGCA TGA AATAAGC AACTTACGACCGTAAAGG TAAATAEGCAATGGCA TGGGAGGA



S/N G:28 A:33 T:38 C:29

primer name B : CMK1ter_R

KB 3500_POP7_BDTv3.mob

Oct 03, 2014 02:19PM, JST

KB.bcp

5'-GATCGCTATCAGAACTACAG-3'

Pls 1218 to 12373 Pk1 Loc:1195

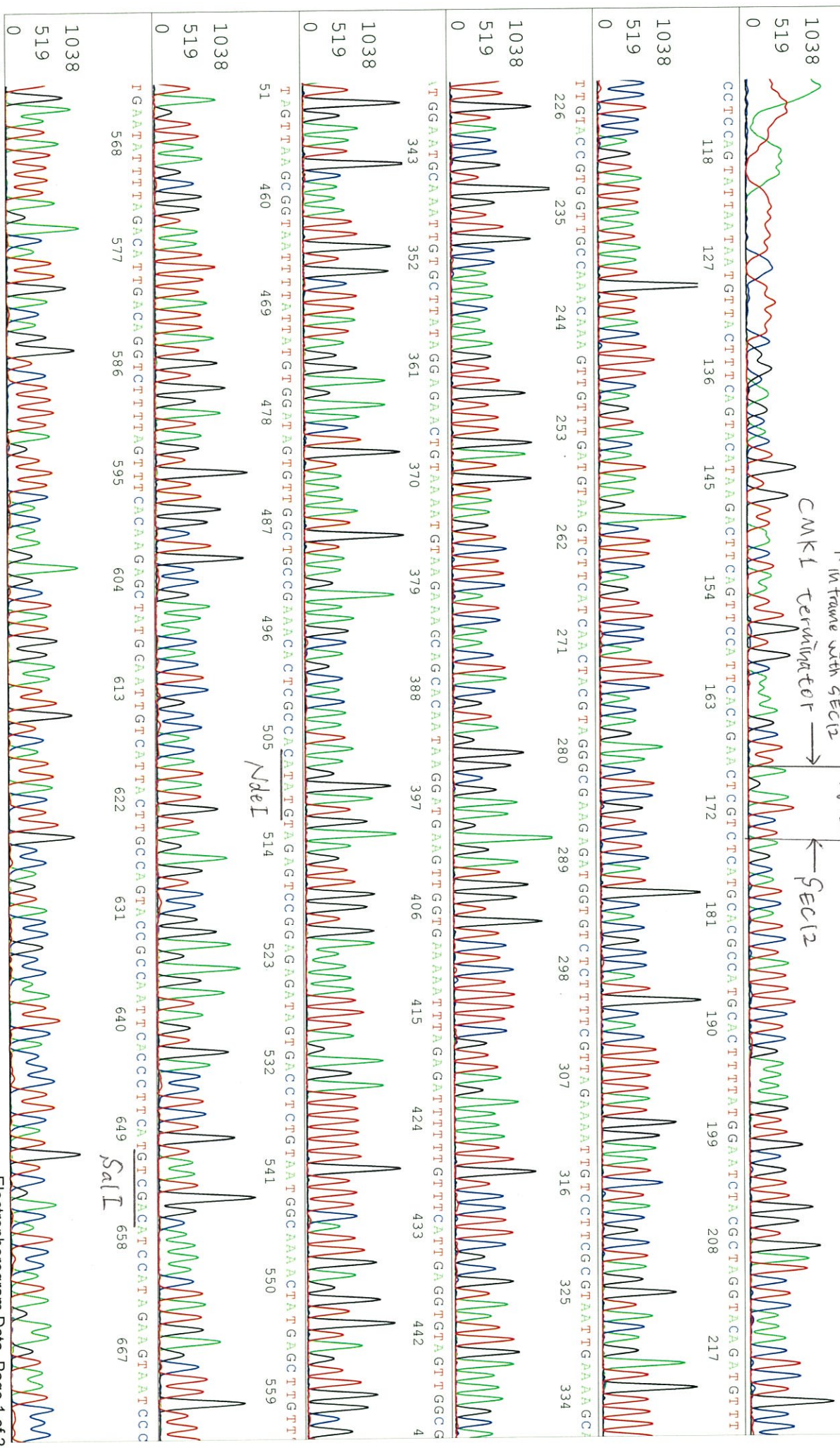
Oct 03, 2014 02:45PM, JST

KB 1.4.1.8 Cap:10

Version 5.4 HiSQV Bases: 1022

Spacing: 11.07 Pts/Panel1350

Plate Name: 20141003



Version 5.4 HiSQV Bases: 1022

