

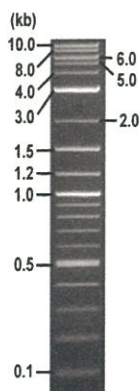


RIKEN DNA BANK

clone name : pCXN2-FLAG-hTBK1(ULD+CC)

- Clone ID : RDB _ 14332
- Lot : 14332 _ A6I5
- 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>XhoI</u>	<u>7.3</u> kbp
<u>NotI</u>	<u>7.3</u> kbp
<u>XhoI + NotI</u>	<u>6.0, 1.3</u> kbp
<u>BamHI</u>	<u>3.9, 3.1, 0.3</u> kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	pAxCA_F1	Sequence - E	-
Sequence - B	pAxCA_R1	Sequence - F	-
Sequence - C	Amp_R	Sequence - G	-
Sequence - D	-	Sequence - H	-

APPROVED BY :



S/N G:88 A:84 T:103 C:110

primer name A : paxCA_F1

KB_3500_POP7_BDTV3.mob

NM_013254.3, 1075.

Sep 21, 2016 12:40PM, JST

KB.bcp

5'-GGCTTCTGGCGTGTGACCGGC-3'

Pis 1482 to 12900 Pk1 Loc: 1459

Version 6.0 HisQV Bases: 1015

Sep 21, 2016 01:06PM, JST

KB 1.4.1.8

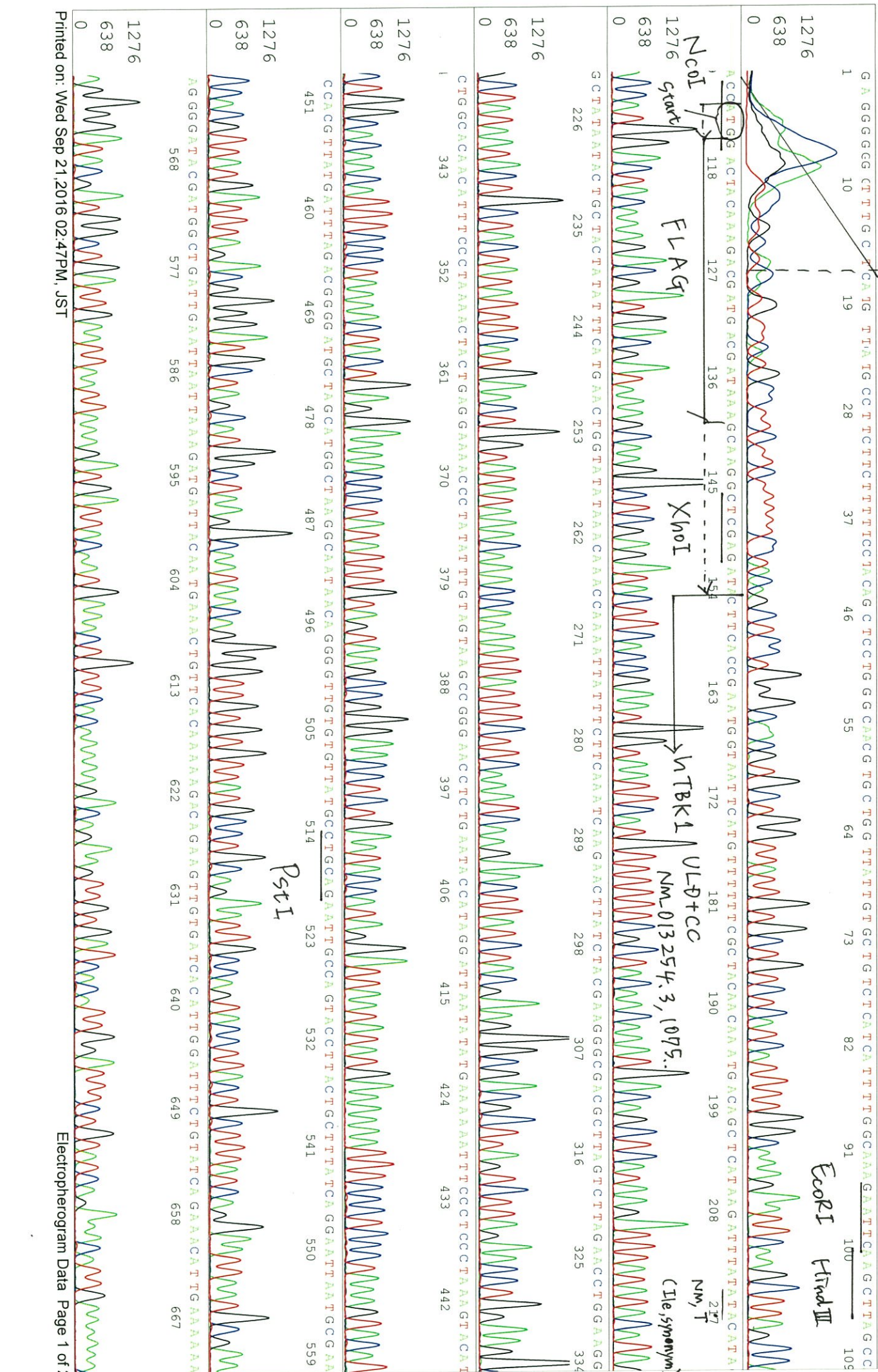
Cap:3

Version 6.0 HisQV Bases: 1015

Plate Name: 20160921 kitaku

Spacing: 11.32 Pts/Panel1350

Plate Name: 20160921 kitaku



S/N G:88 A:84 T:103 C:110

D03656B1_A615_1_paxCA_F1

KB_3500_POP7_BDTV3.mob

Pts 1482 to 12900 Pk1 Loc: 1459

Version 6.0 HISQV Bases: 1015

Sep 21, 2016 12:40PM, JST

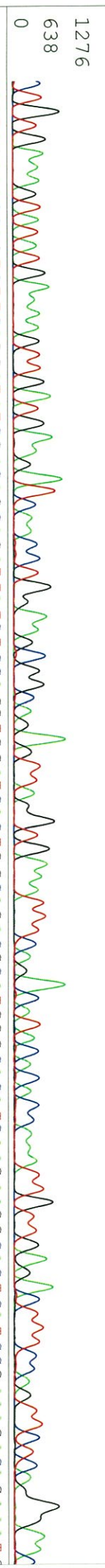
Sep 21, 2016 01:06PM, JST

Spacing: 11.32 Pts/Panel1350

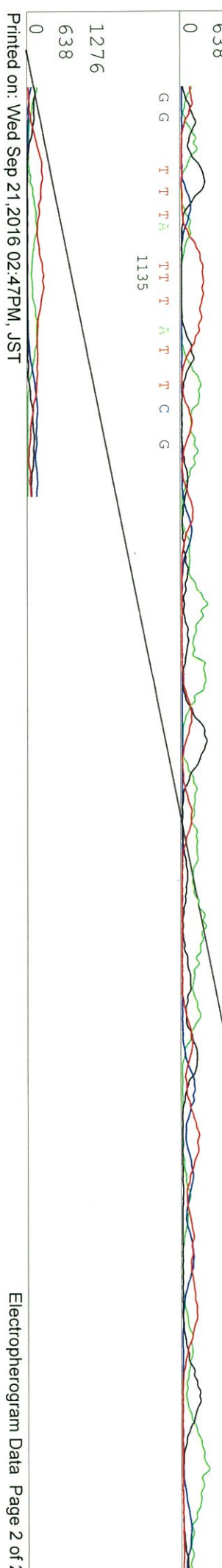
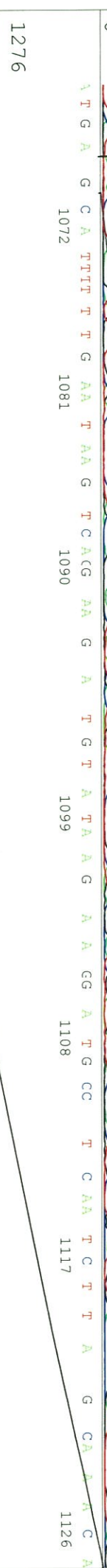
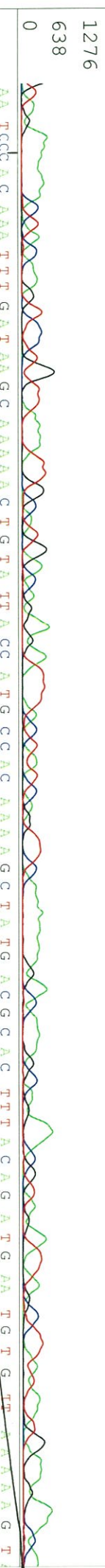
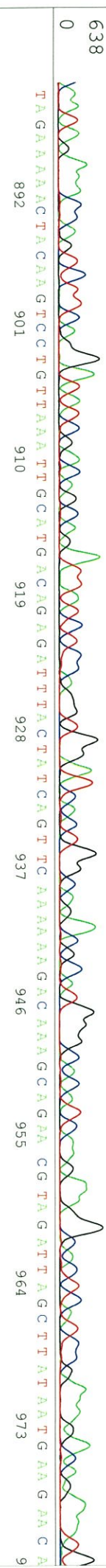
Plate Name: 20160921 Kitaku

KB:bcpcap:3

CTGTGAAAGTTATTAAGAAAAGTTGATGAAAGATCAAACTTGAAAGCGGAGAGTTAGGTGAAAATTTCAACAATTAACAACAACAATTTGTTGAGACTTTCCAGTTCTCAAGGAAAC



EcoRV



S/N G:76 A:70 T:98 C:118

D03656B1_A615_1_paxCA_R1

Sep 21, 2016 12:40PM, JST

KB:bcf

KB_3500_POP7_BDTV3.mob

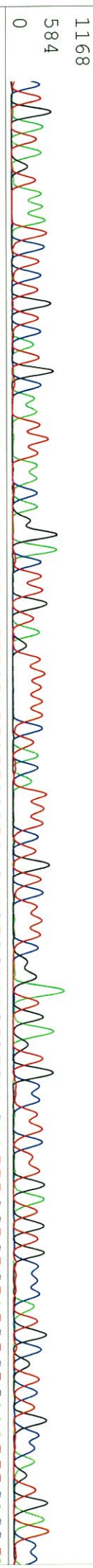
Sep 21, 2016 01:06PM, JST

KB 1.4.1.8 Cap:6

Pts 1438 to 12824 Pk1 Loc:1415

Spacing:11.3 Pts/Panel1350

CTGATAGTAAATCTCTGTCATGCAATTAAACAGGACTTGTAGTTTCTTACATTTCTGTCCTTCCGGATGAGTCCCTTCTTGATGTGCCCAAGCCGCTGCGCAATCC



E

ACCTGGAGATAACTCTGTCGATATCCTGAAGACTGGTTTCTATTTGTTCCCTGAGAAC TGAAAGTCTCAAATTTGGTGTATGTCGAAATTTCAACC

NM, /
--(586C)

CTGTCCTTTTGTGAA CAGTTTCA TTG TAAATC ATC TTT AA TTTAA TTCAA TCA G CCA T C G T A T C C C C T T T C G C A A T T A A A T T C C C T T G A

TAAAG C AAG TAA G TAC TGG TAA CTTCTGCA GG CAA TTTAA CCA C A C A C C C C C A T A T T A T T A T T G G C C T T G A

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

1168 584 0

1168 584 0

1168 584 0

