

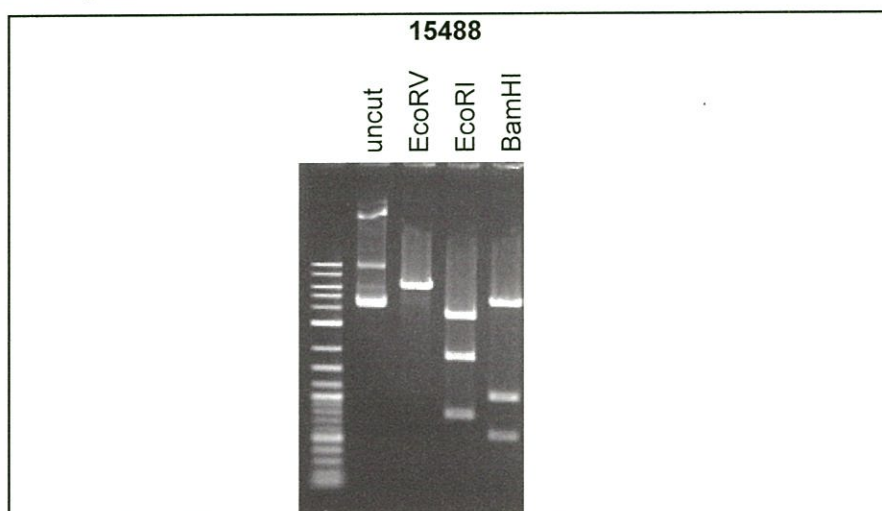
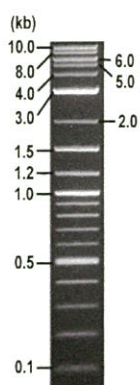


RIKEN DNA BANK

clone name : pENTER-EGFR wild-type

- Clone ID : RDB_15488
- Lot : 15488_A7K8
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : DH5 alpha
- Culture : LB medium
- Antibiotics : 25 microgram/ml kanamycin
- Purification : QIAGEN QIAprep Spin Miniprep kit
- Digestion by restriction enzyme

1 kb Plus 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	
EcoRV	6.2	kbp
EcoRI	3.6, 1.8, 0.8	kbp
BamHI	4.6, 1.0, 0.5	kbp
		kbp

● Confirmation of the insertion sequence

Please be sure to check our sequence analysis results before your request.

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0531	rrnBT1ter_F2	rrnB T1 ter, attL1, insert 5'
Sequence - B	Pr0071	pDONR_R	attL2, insert 3'
Sequence - C	Pr0313	EGFR-F5	insert middle region
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



SN G:386 A:232 T:209 C:273 primer name A : rmBT1ter_F2

D04925A1_A7K8_2_rmBT1ter_F2

Aug 01,2019 01:47PM, JST

KB:bcp 5'-AGCGTTCACCCGACAAACAACAG-3'

KB_3500_POP7_BDV3.mob

Aug 01,2019 02:14PM, JST

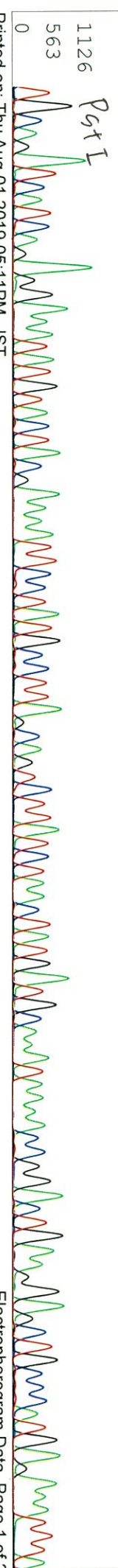
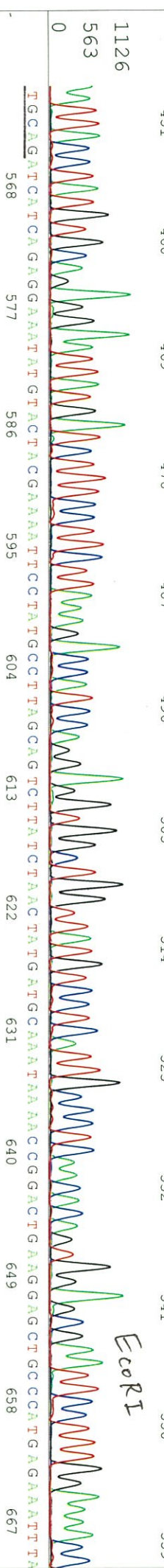
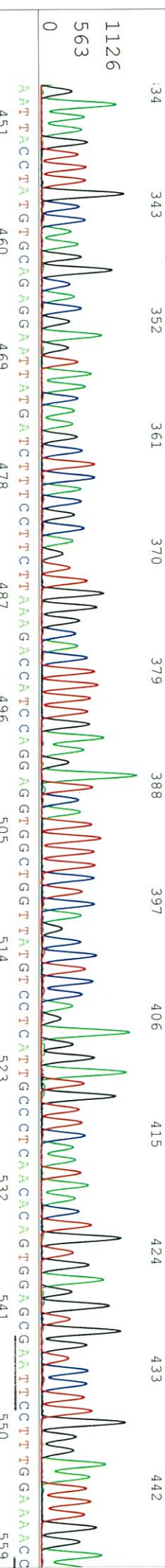
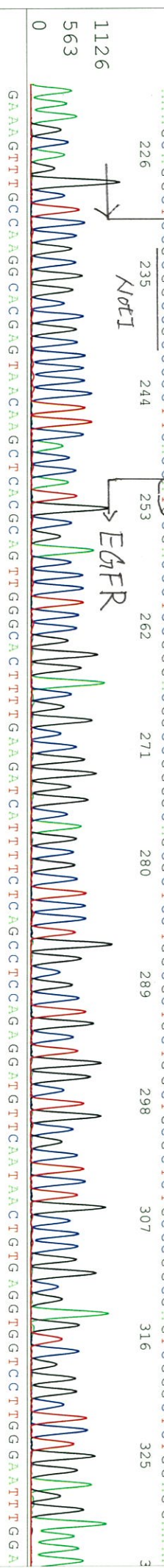
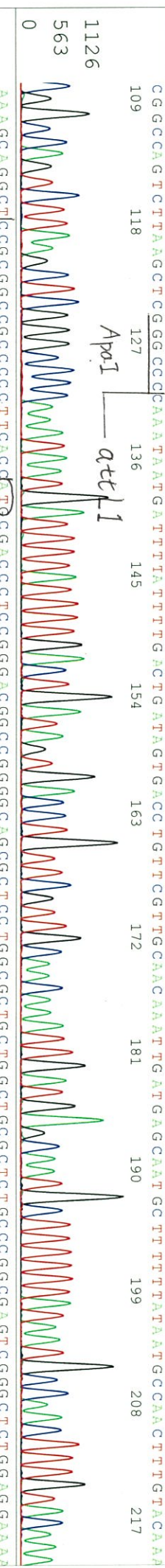
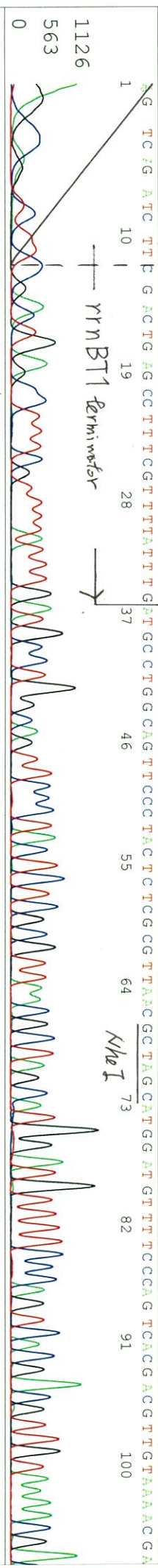
KB 1.4.1.8 Cap:1

Pts 1394 to 12622 PK1 Loc:1371

Spacing:11.18 Pts/Panel1350

Version 6.0 HISQV Bases: 989

Plate Name: 20190801 Kitaku



S/N G:494 A:391 T:382 C:397

D04925A1_A7K8_2_pDONR_R

Dec 13,2017 02:22PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Dec 13,2017 03:03PM, JST

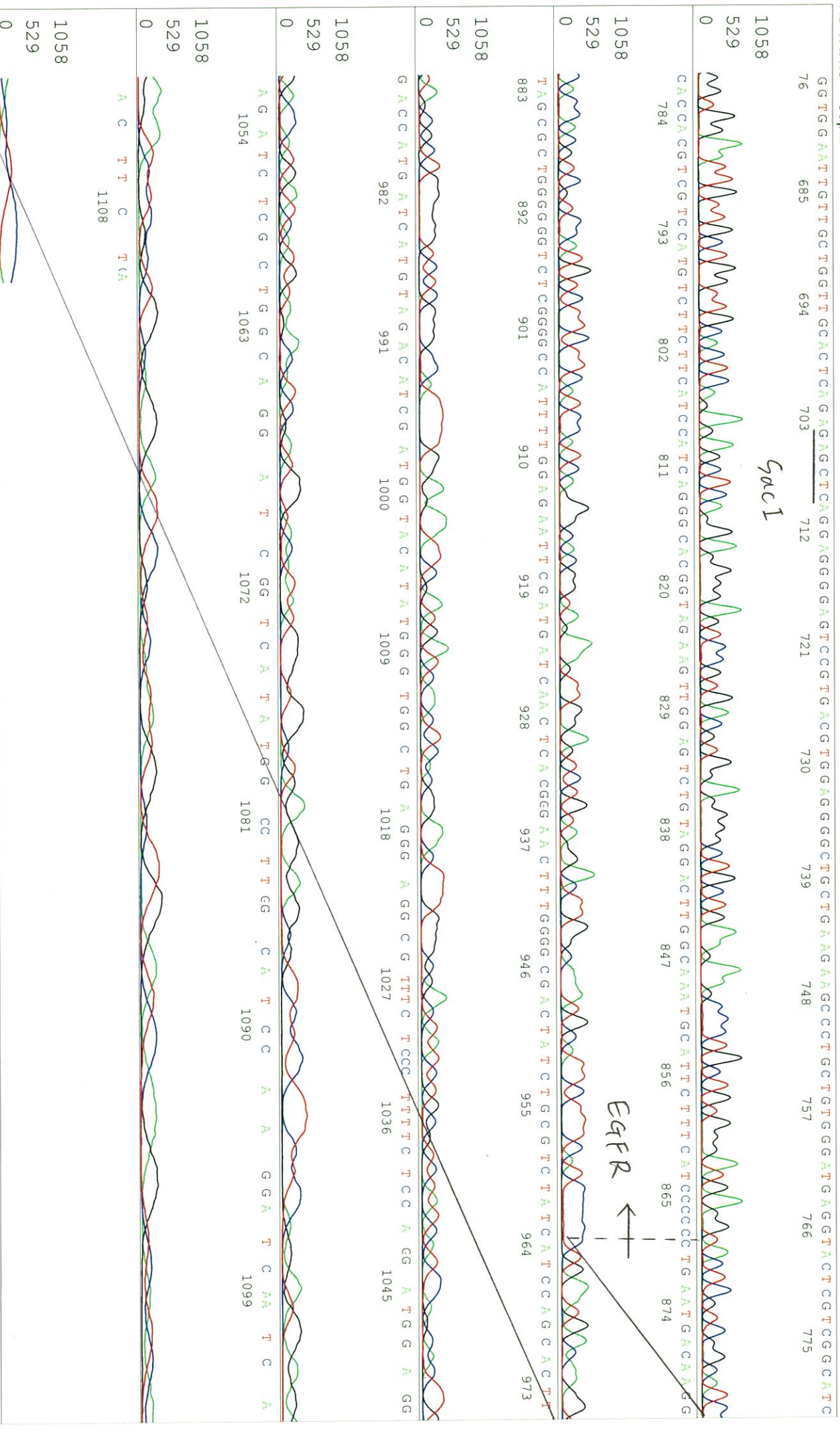
KB 1.4.1.8 Cap:2

Pls 1513 to 12716 Pk1 Loc:1490

Spacing:1.144 Pls/Panel1350

Version 6.0 HISQV Bases: 965

Plate Name: 20171213 Kitaku



S/N G:373 A:322 T:243 C:278

primer name C : EGFR-F5

D04925A1_A7K8_2_EGFR-F5
KB_3500_POP7_BDTV3.mob
Pts 1516 to 12710 PK1 Loc:1493

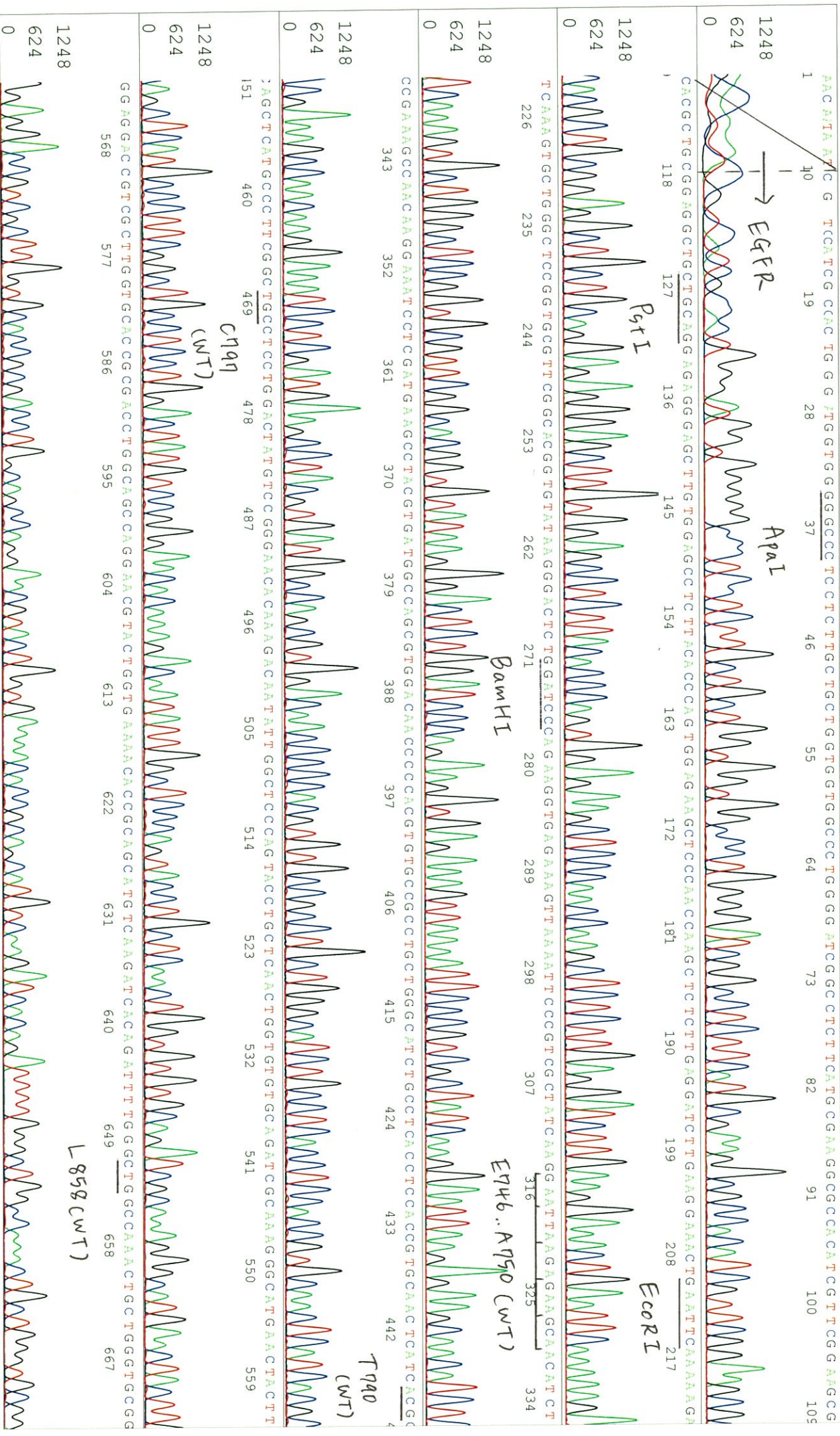
Dec 13,2017 02:22PM, JST
Dec 13,2017 03:03PM, JST
Spacing: 1.126 Pts/Panel1350

KB.bcp

5'-CAGGCTTGAAGGCTGTC-3'

Version 6.0 HISQV Bases: 977

Plate Name: 20171213 Kitaku



S/N G:373 A:322 T:243 C:278

D04925A1_A7K8_2_EGFR-F5

Dec 13, 2017 02:22PM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Dec 13, 2017 03:03PM, JST

KB 1.4.1.8 Cap:3

Pls 1516 to 12710 Pk1 Loc: 1493

Spacing: 11.26 Pts/Panel1350

AAGAGAAAGAAATACCAATGCAAGAAAGGAGGCCAAAGTGGCTTCAAAGTGGATGGCATGGAAATCAATTTTACACAGAAATCTATACCCACAGAGTGTATGTCCTGGAGCTAC

1248

624

0 GGGGTGACCGTTTGGGAGTTGATGACCTTTGGATCCAGCCATATTGACCGGAATCCC TGCCAGCCGAGATCTCC TCCATCC TGGAGAAA GGA GAAC GCC TCC

784 793 802 811 820 829 838 847 856 865 874

BamHI

NdeI

BglII

1248

0 CTCAGCCACC CATTATGTACCAATCGATGTC TACATGATCATGG TCAAAGTGGCTGGATGATGACGCAAGATAG TCGGCCCAAAGTTCCG TGA GTT

1248

624

883 892 901 910 919 928 937 946 955 964

NdeI

Clal

3 ATCATCGAAATTC TCCAAAATGGG CCGAGACCCTAGCCCTTG TCAATCA GGGGG ATG AAAAGAA TGCATTTG

1248

624

0 CCAGTCC TACAAGAC TCCAACTCTAA C G TG TCTG A TTG ATG AAAGAA TGCATTTG

1248

624

1054 1063 1072 1081 1090 1099

EGFR

A C G AAAC C CT 1108

1248

624

0

Printed on: Wed Dec 13, 2017 04:43PM, JST

Electropherogram Data Page 2 of 2