

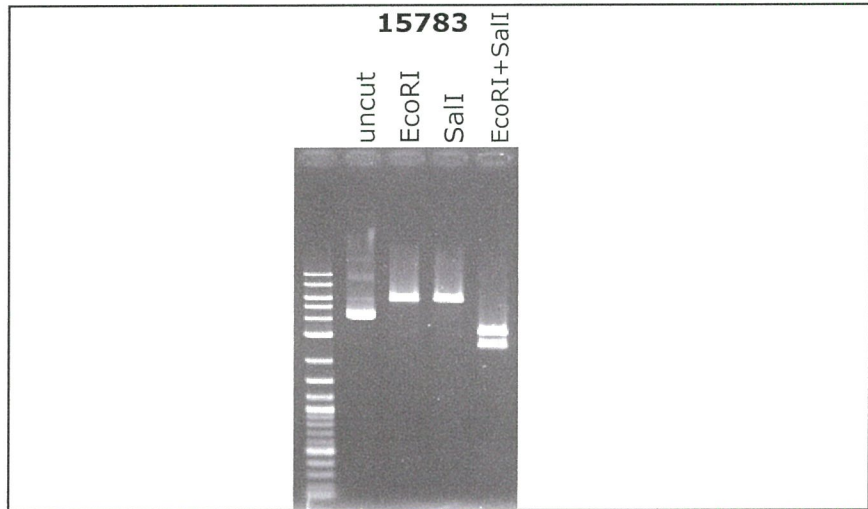
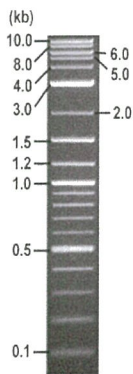


RIKEN DNA BANK

clone name : pAAV2 TRE Venus-Akaluc

- Clone ID : RDB _ 15783
- Lot : 15783 _ A8B8
- DNA Concentration : 25 nanogram/microliter
- Volume : 40 microliter
- Form : DNA solution in TE buffer
- Host : NEB stable
- Culture : LB medium
- Antibiotics : 100 microgram/ml Ampicillin
- 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
EcoRI	6.0 kbp
SalI	6.0 kbp
EcoRI+SalI	3.3, 2.7 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	Pr0341	Venus-N_R	insert 5'(Venus 5',tight TRE pro),attB2,AAV2 ITR
Sequence - B	Pr0540	Akaluc 1215-1243	insert 3'(Akaluc 3',bGH pA),attB1 AAV2 ITR
Sequence - C	Pr0357	D03160F1	insert mid(Venus 5')
Sequence - D	Pr0666	pGL4ins_R	insert mid(Akaluc 5',Venus 3')
Sequence - E	Pr0454	Venus-C_F2	insert mid(Akaluc mid)
Sequence - F	Pr0539	Akaluc 576-593	insert mid(Akaluc mid)
Sequence - G	Pr0746	bGH-B_R	insert mid(Akaluc mid)
Sequence - H	-	-	-

APPROVED BY :

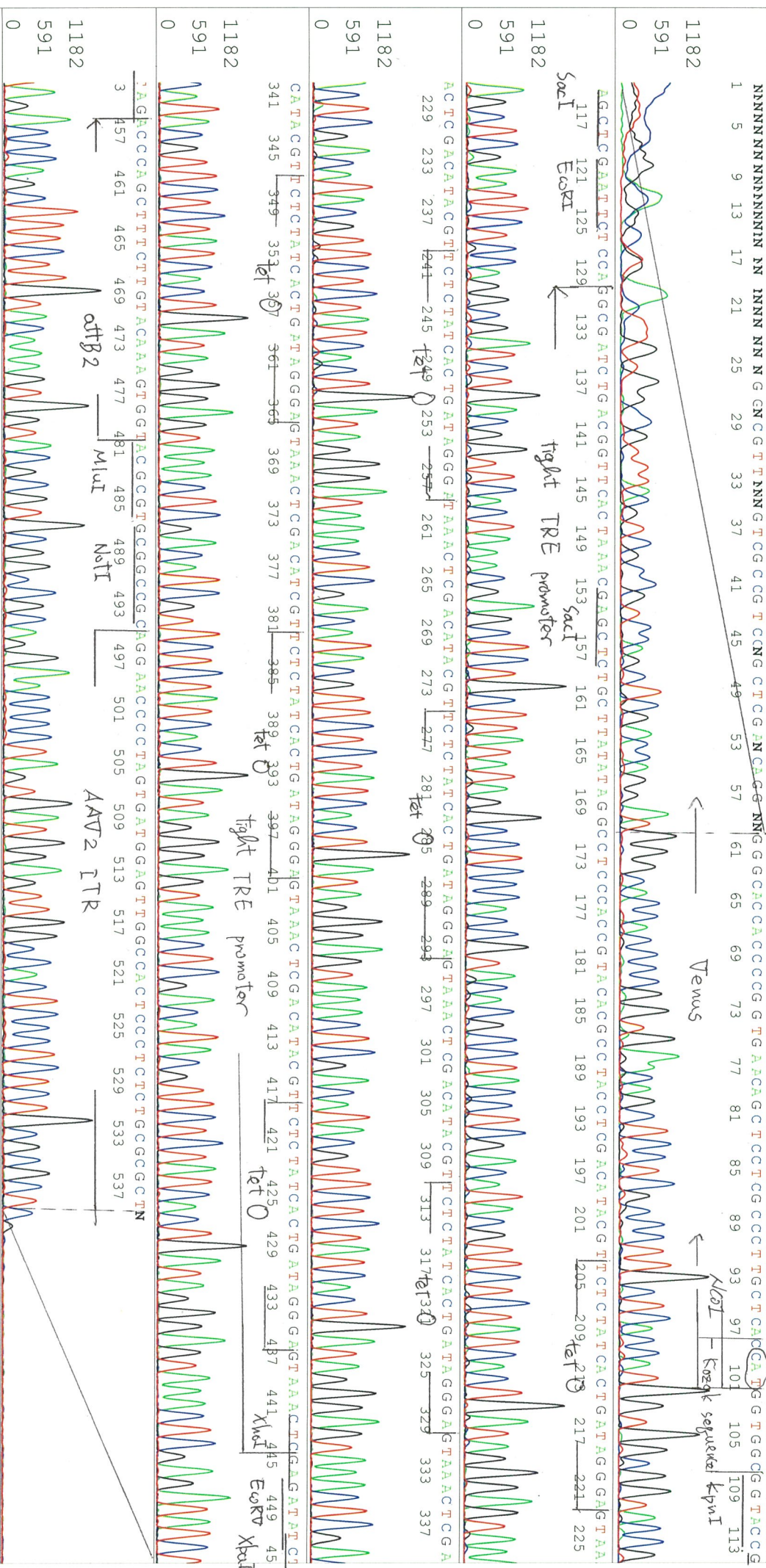


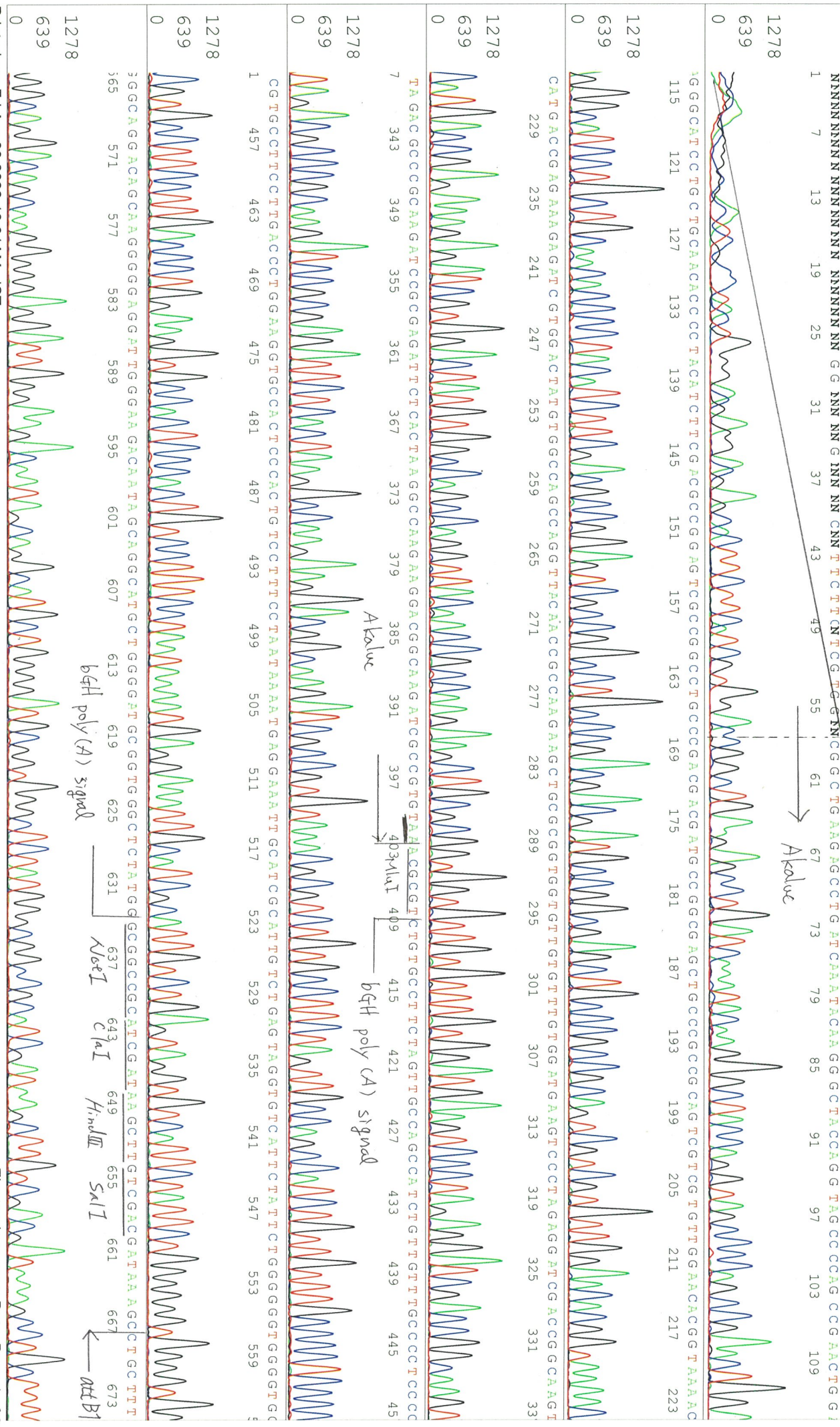
S/N G:47 A:59 T:52 C:65
KB.bcp
KB 1.4.1.8 Cap:4

primer name A : Venus-N_R
5'-AGCTTGCCGTAGTGGCATC-3'

D04498K8_A8B8_1_Venus-N_R
KB_3500_POP7_BDTV3.mob
Pis 1406 to 12718 PK1 Loc:1383
Version 6.0 HiSeqV Bases: 506

May 15, 2018 01:32PM, JST
May 15, 2018 01:59PM, JST
Spacing: 11.33 Pts/Panel1350
Plate Name: 20180515 kitaku





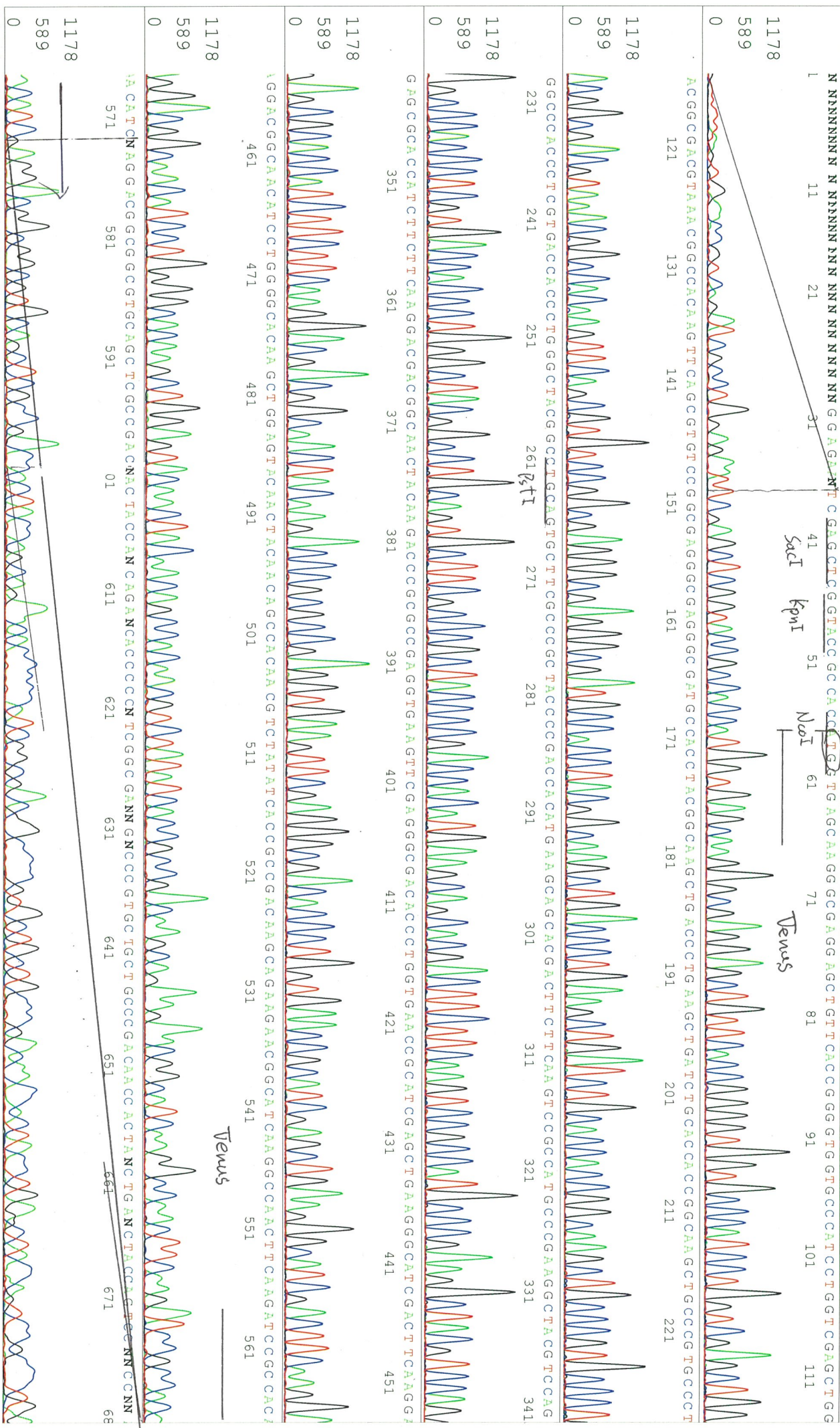
Printed on: Fri Apr 08, 2022 10:31AM, JST
Electropherogram Data Page 1 of 2



S/N G:40 A:35 T:23 C:37 primer name C : D03160F1
KB.bcp 5' TGGGGCGTAGGCCGTGACGGT 3'
KB 1.4.1.8 Cap.3

15783_15783_B2Eef_1_D03160F1_C02_03_ABI08
15783_15783_B2Eef_1_D03160F1
KB_3500_POP7_BDTV3.mob
Pts 1727 to 8700 Pk1 Loc:1695
Version 6.0 HISQV Bases: 656

Inst Model/Name 3500/3500 Instrument
Apr 15, 2022 03:56PM, JST
Apr 15, 2022 04:12PM, JST
Spacing:10.73 Pts/Panel1350
Plate Name: 20220415_Kitaku



15783_15783_B2Eef_1_pGL4ins_R_B02_02_ABI08

Inst Model/Name 3500/3500 Instrument

15783_15783_B2Eef_1_pGL4ins_R

KB_3500_POP7_BDTV3.mob

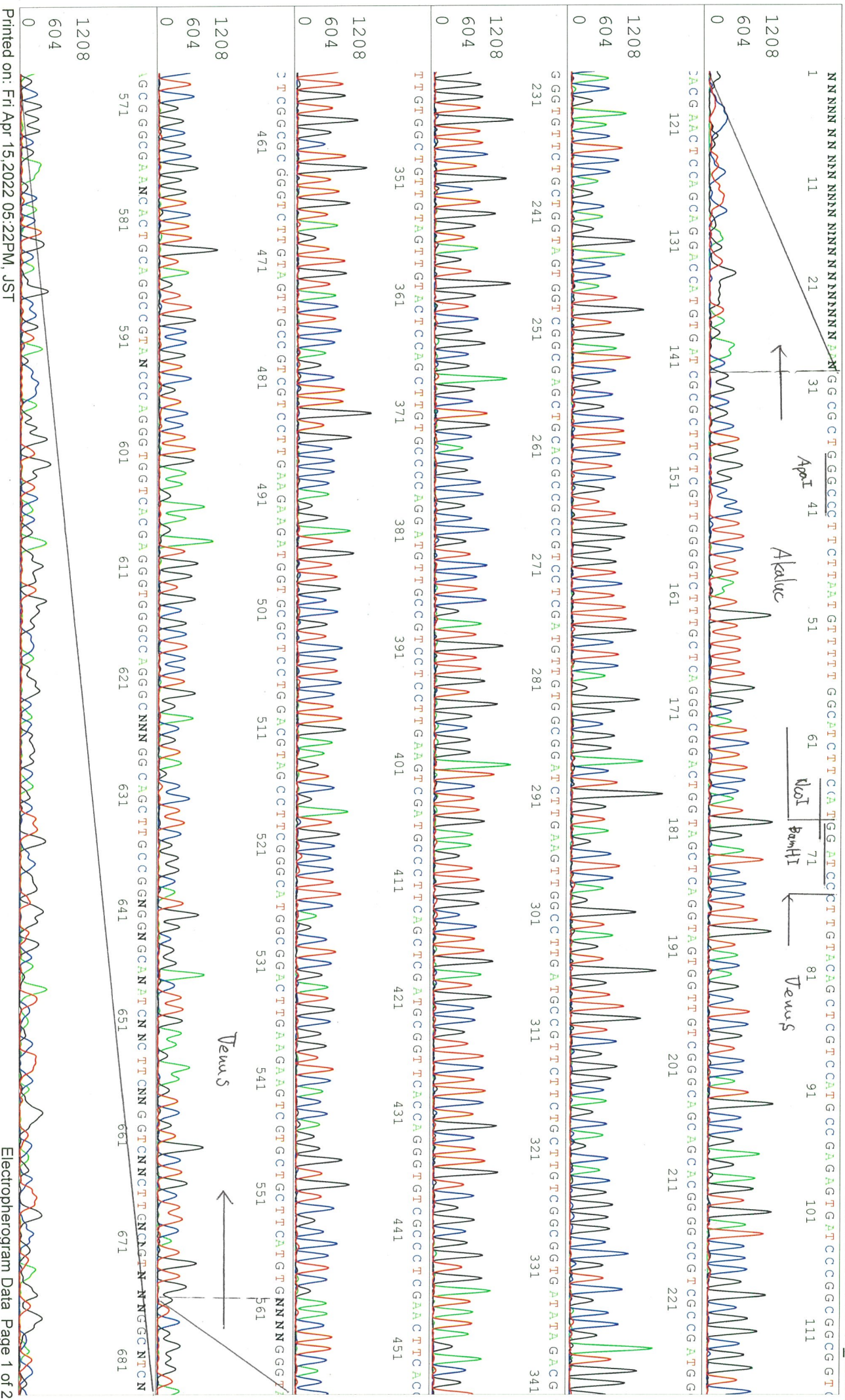
Pts 1680 to 8703 Pk1 Loc: 1648

Apr 15, 2022 03:55PM, JST

Apr 15, 2022 04:12PM, JST

Spacing: 10.8 Pts/Panel1350

Plate Name: 20220415_Kitaku

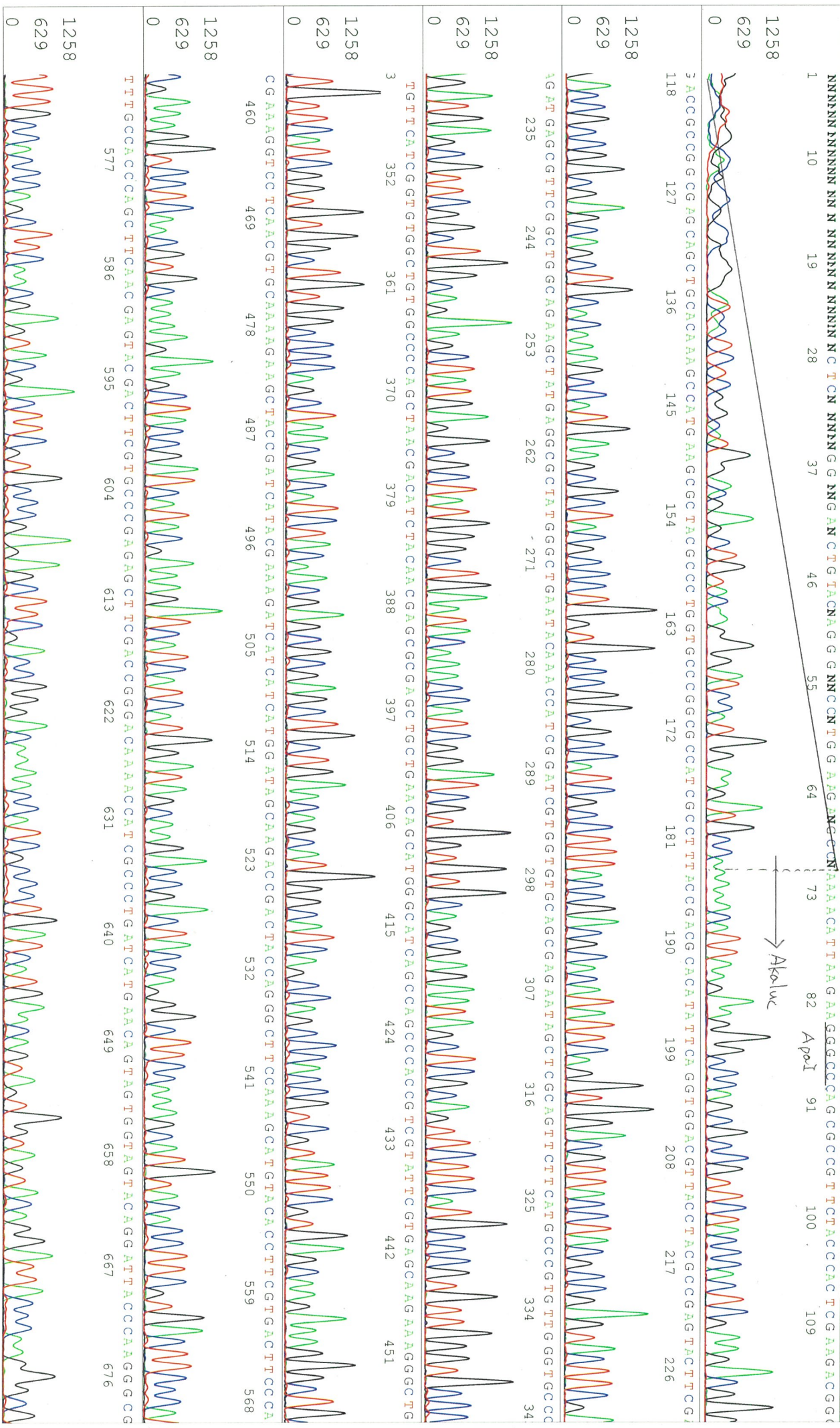


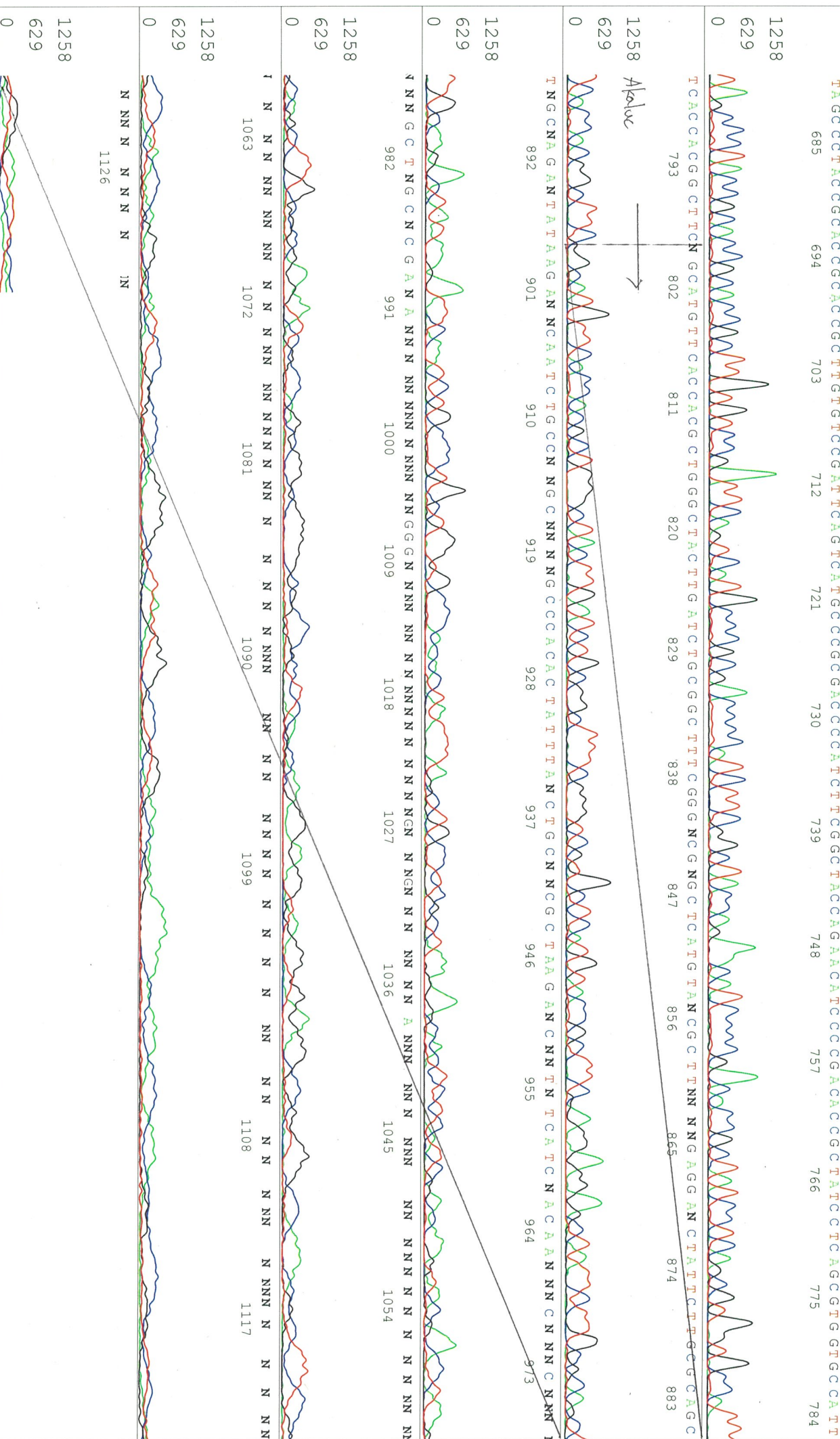
S/N G:44 A:44 T:34 C:59
KB.bcp
KB 1.4.1.8 Cap:1

primer name E : Venus-C_F2
5'-AGAAGCGCGATCACATGGTC-3'

D04498K8_A8B8_1_Venus-C_F2
KB_3500_POP7_BDTV3.mob
Pis 1429 to 12563 Pk1 Loc:1406
Version 6.0 HiSQV Bases: 921

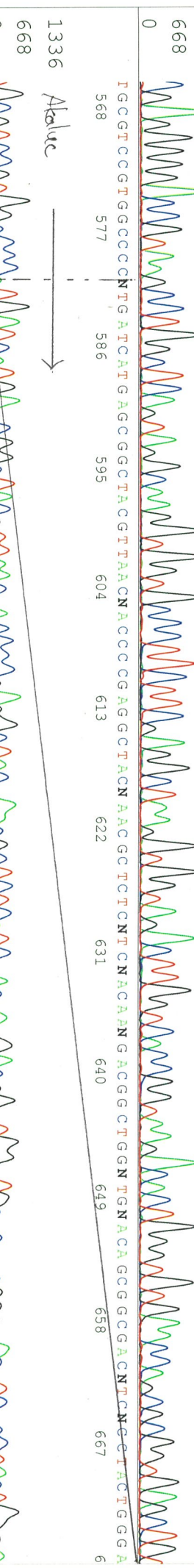
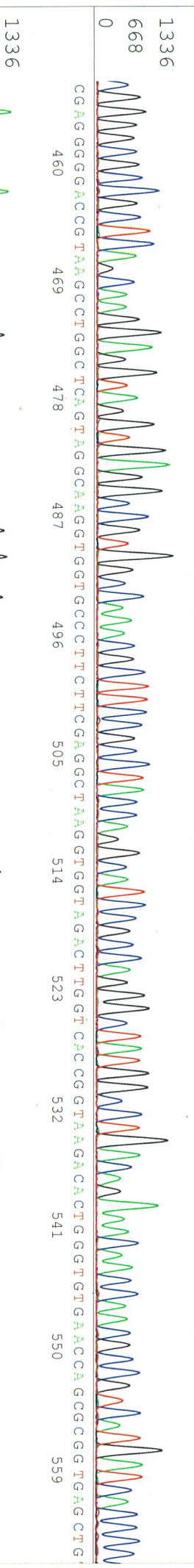
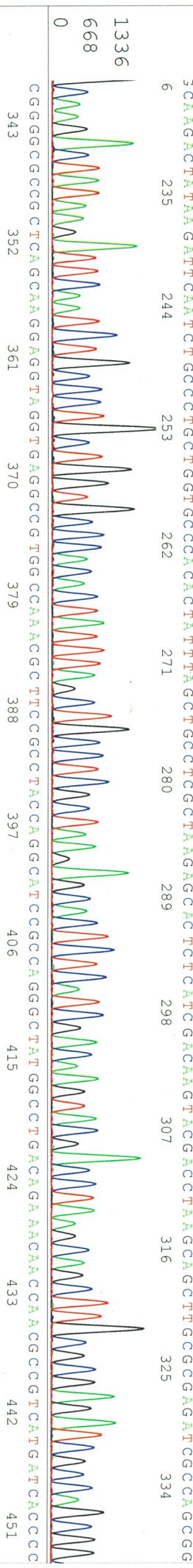
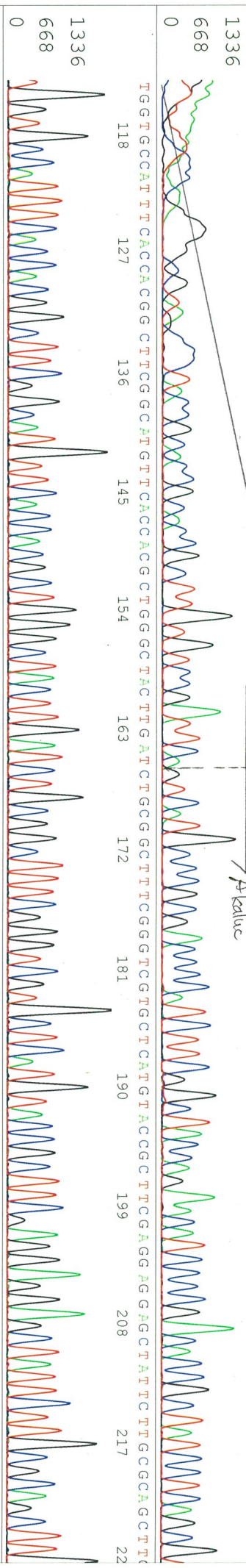
May 15, 2018 01:32PM, JST
May 15, 2018 01:59PM, JST
Spacing: 1.1.33 Pts/Panel1350
Plate Name: 20180515 Kitaku





1 10 19 28 37 46 55 64 73 82 91 100 109

Akaluc



S/N G:30 A:19 T:22 C:27

primer name **bGH-B_R**

KB_bcp
KB 1.4.1.8 Cap:4

Apr 15, 2022 03:55PM, JST

5' GAGGGGCAAAACAACAGATGGCT3'

KB 3500_POP7_BDTV3.mob
Pts 1652 to 8703 Pk1 Loc:1620

Version 6.0 HISQV Bases: 655

Apr 15, 2022 04:12PM, JST
Spacing:10.83 Pts/Panel1350
Plate Name: 20220415_Kitaku

