

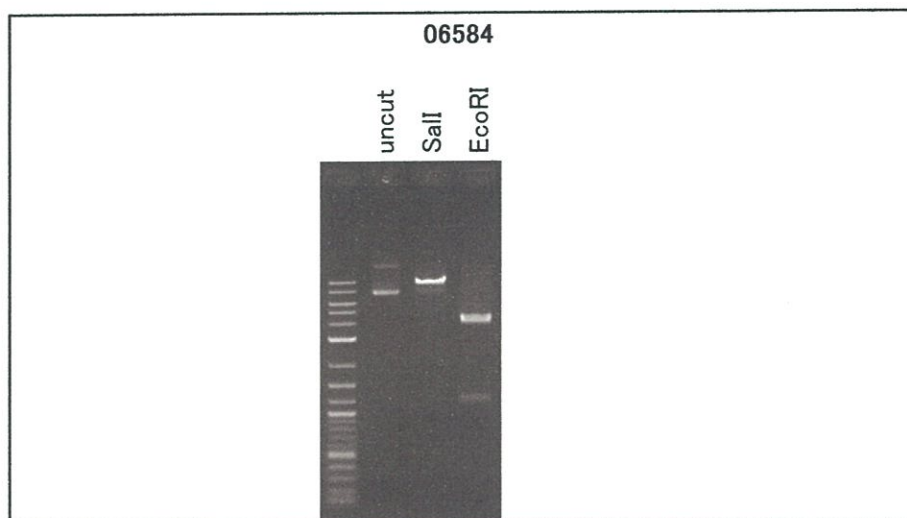
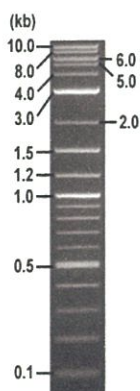


RIKEN DNA BANK

clone name : pHFG41

- Clone ID : RDB _ 06584
- Lot : 14473 _ A6L7
- 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>Sall</u>	<u>9.6</u> kbp
<u>EcoRI</u>	<u>4.3, 4.1, 1.2</u> kbp
_____	_____ kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	nmt1Fw	Sequence - E	-
Sequence - B	nmt1ter_R	Sequence - F	-
Sequence - C	f1ori_R3	Sequence - G	-
Sequence - D	LEU2pro_F	Sequence - H	-



APPROVED BY :

S/N G:64 A:145 T:150 C:108

primer name A : nmt1Fw

KB_bcp KB_3500_POP7_BDTV3.mob

Jan 06,2017 11:41PM, JST

KB 1.4.1.8 Cap:3

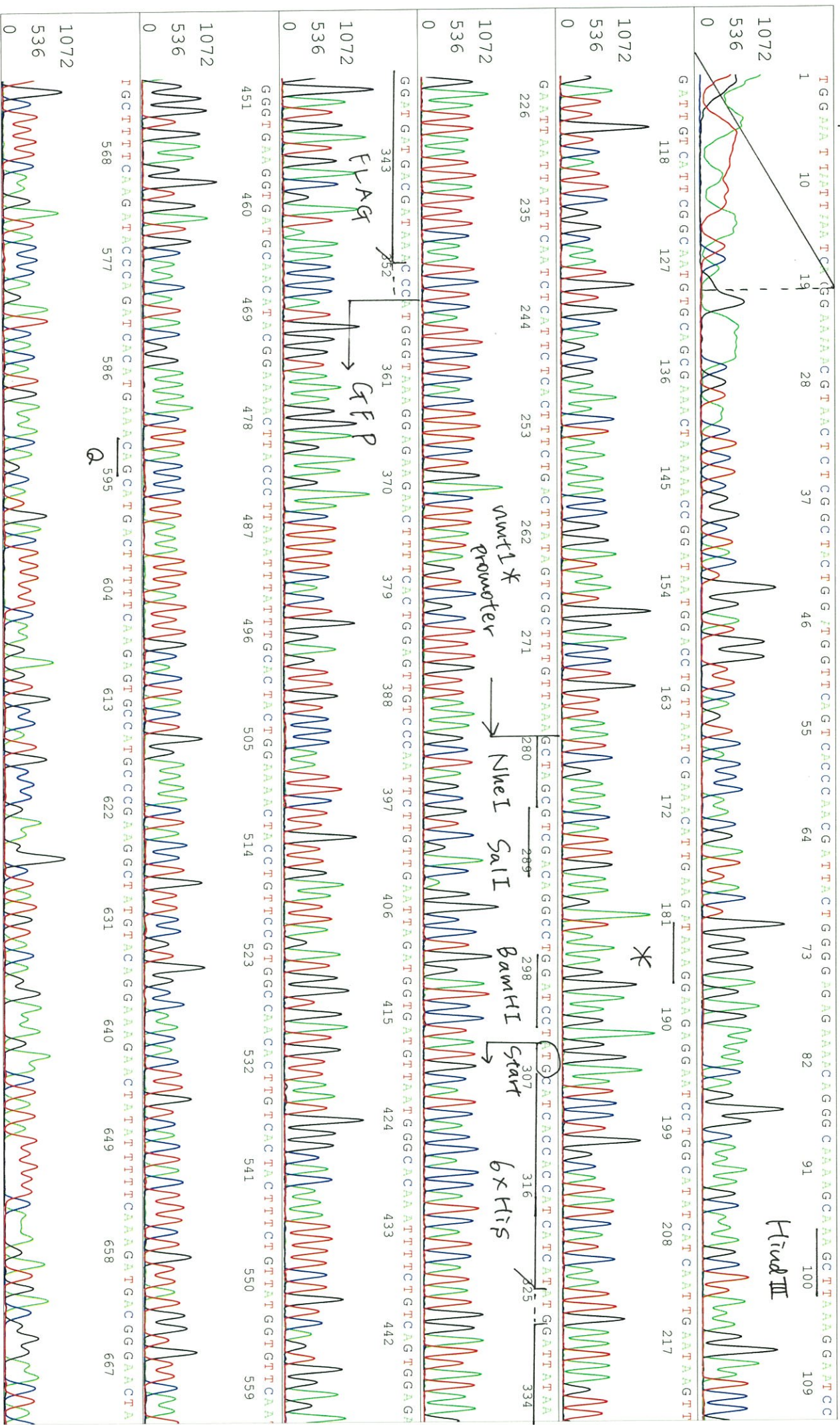
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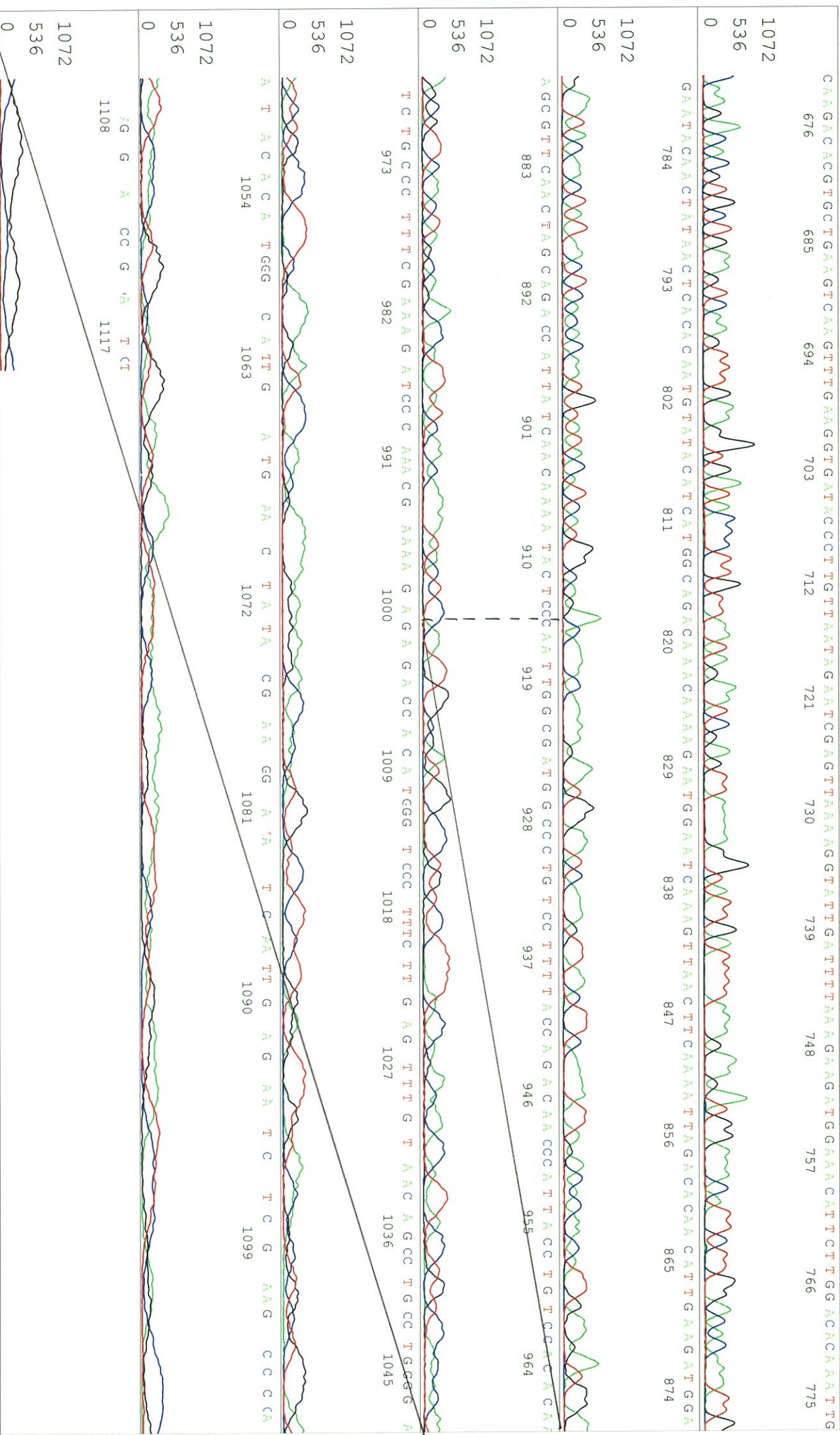
Pis 1613 to 13328 PK1 Loc:1590

Jan 07,2017 12:07AM, JST

Version 6.0 HiSQV Bases: 958

Plate Name: 20170106_mix



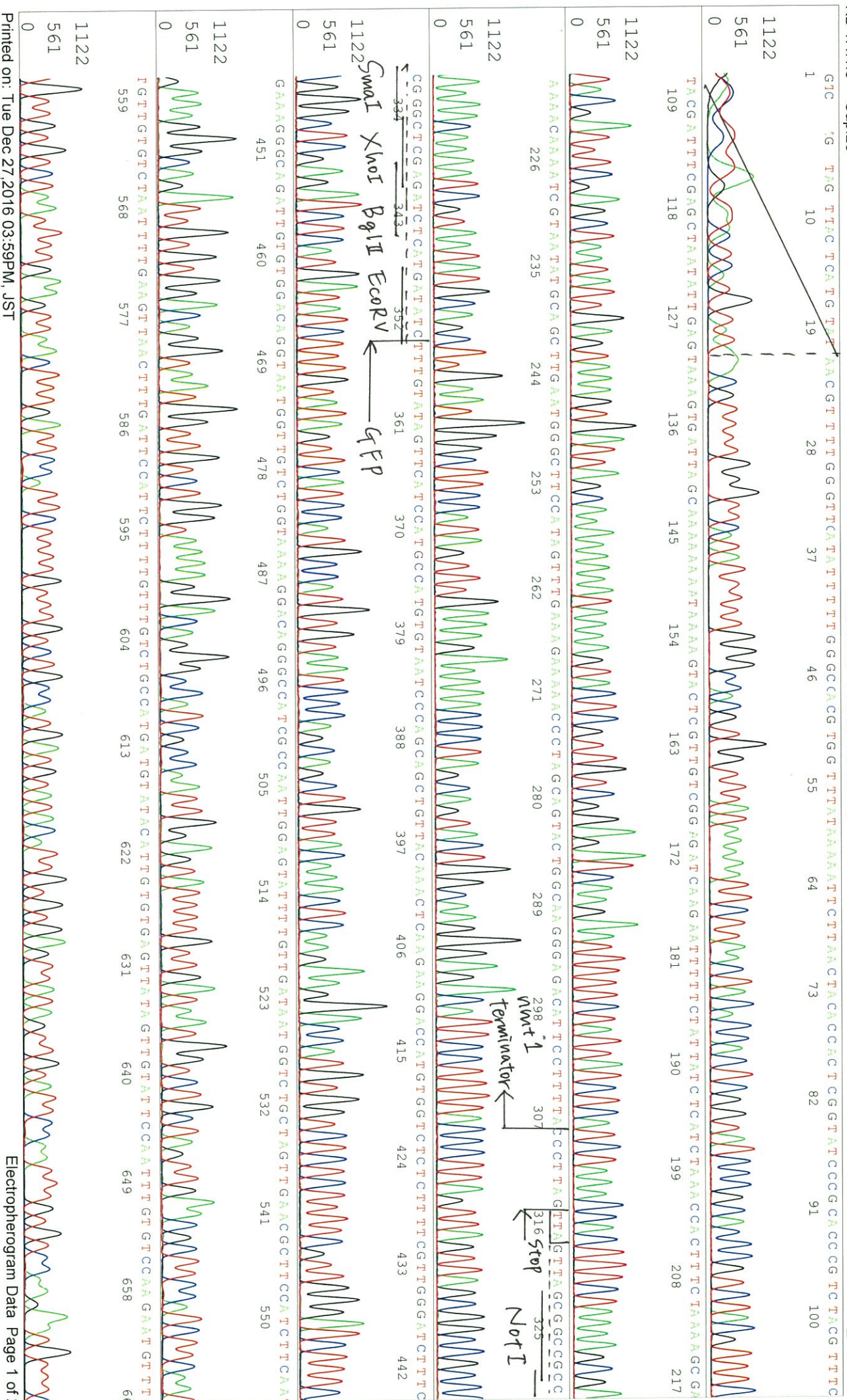


S/N G:234 A:332 T:351 C:292
KB:bcp
KB 1.4.1.8 Cap:20

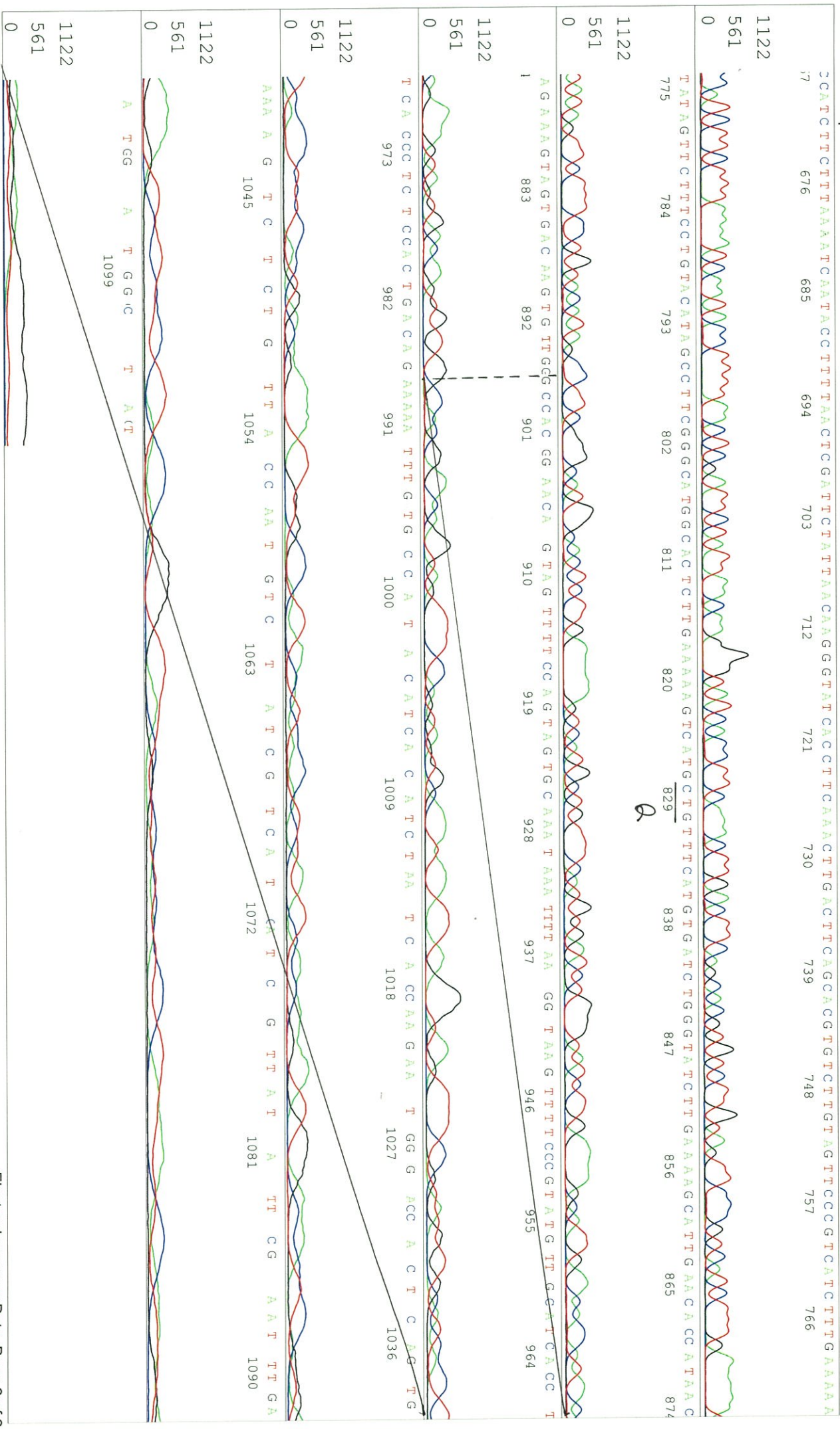
primer name **B** : nm1ter_R
5'- AACTACATCTAACACGAAGG -3'

06584_14473_A6L7_nm1ter_R
KB_3500_POP7_BDTV3.mob
Pis 1510 to 13346 Pk1 Loc:1487
Version 6.0 HiSQV Bases: 920

Dec 27, 2016 01:41PM, JST
Dec 27, 2016 02:08PM, JST
Spacing: 11.86 Pts/Panel1350
Plate Name: 20161227_dhnanbk



Printed on: Tue Dec 27, 2016 03:59PM, JST



S/N G:22 A:25 T:30 C:24

primer name C : f1ori_R3

06584_14473_A6L7_f1ori_R3

Dec 27, 2016 01:41PM, JST

KB.bcp

5- TTAATGCCGCCGCTACAGGGC-3'

KB_3500_POP7_BDTV3.mob

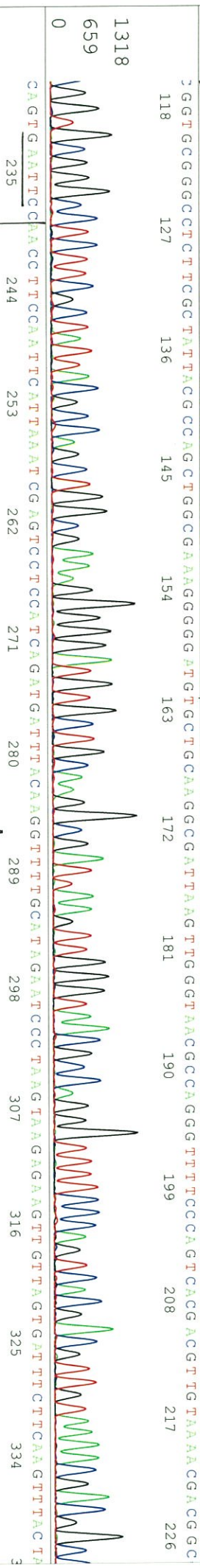
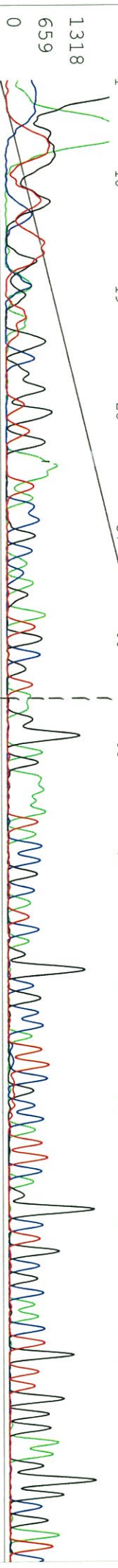
Dec 27, 2016 02:08PM, JST

KB 1.4.1.8 Cap.3

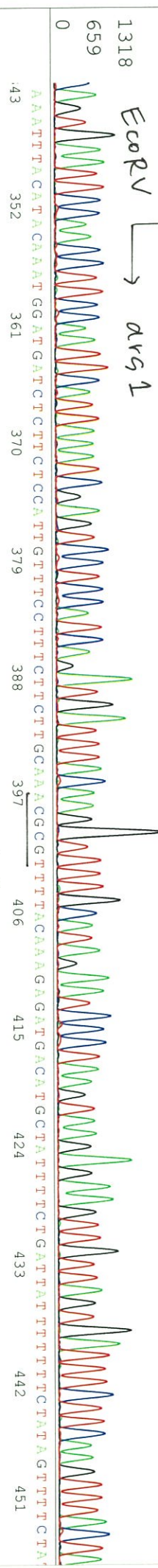
Pis 1610 to 13346 Pk1 Loc:1587

Spacing:11.72 Pts/Panel1350

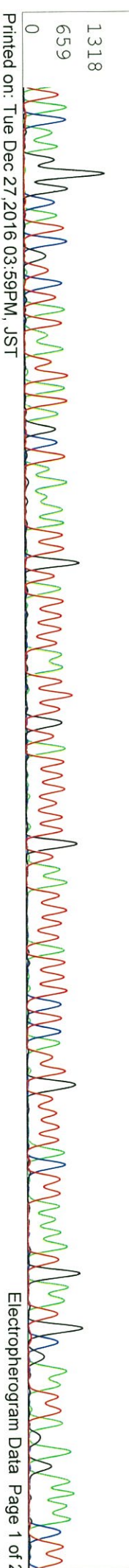
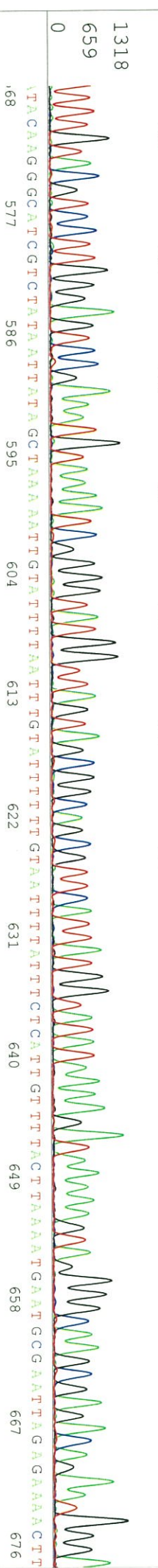
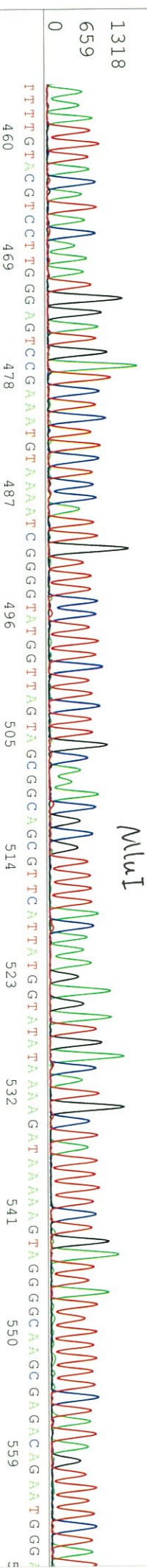
Version 6.0 HISQV Bases: 988 Plate Name: 20161227_dnabank



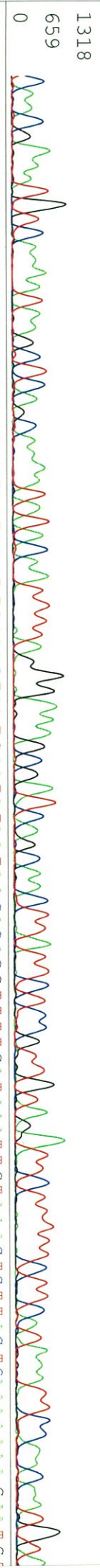
EcoRV → ars 1



mluI



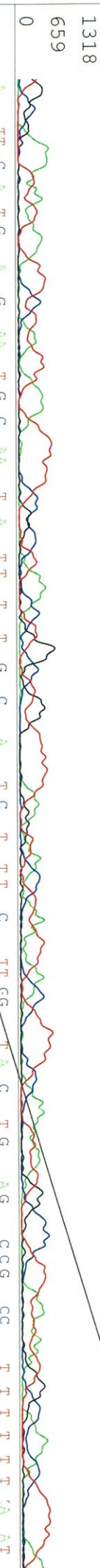
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VACTGCCAATTGATTTTTCCTCTAGATGCTAATAAATGAAACATAAGAACTAA TGAATATAATAACAACAGGTTTGTGATAAATTGTAACAATCTCTTACCAAAAAA GAA TGT



TTAAAACCTAATTTAA CCC TTTTATAAAGGCTCATGGCCGTTAAA GAGGATAGTAAAAATTCCTAACAA TTTTAA TGTCACTAA TTTG TCTT



GCGAAATATAA TTTCTATTTAAATTT TCCGC TAACTGCTG TTTTAGGTACCTA TTTAC TTTCCATATGCCC TATA TGGCA C TPT



TT C A T G A G AA T G C AA T A T T T T G C A T C T T T C TTGG T A C T G AG CCG CC T T T T T A AT

TCC AATTTAGGTTAC 1126 1135

S/N G:121 A:170 T:184 C:132

primer name ϕ : LEU2pro_F

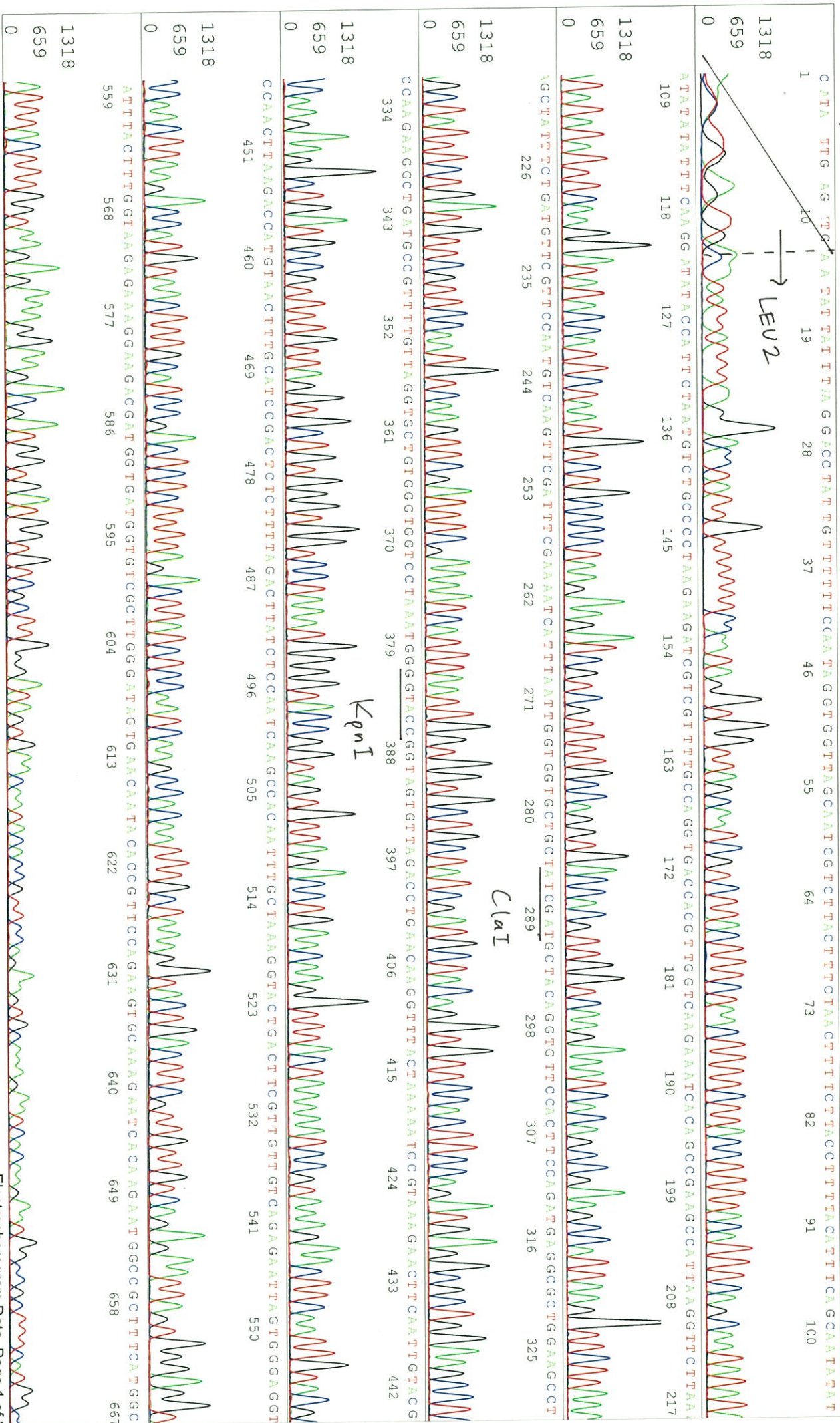
06584_14473_A6L7_LEU2pro_F

Dec 27, 2016 01:41PM, JST

KB.bcp
KB 1.4.1.8 Cap.23
5'-AAGCGTTCATGACTAAATGCTTGC-3'

KB_3500_POP7_BDTV3.mob
Pis 1523 to 13173 Pk1 Loc:1500
Version 6.0 HISQV Bases: 965

Dec 27, 2016 02:08PM, JST
Spacing:11.78 Pts/Panel1350
Plate Name: 20161227_dhbank



S/N G:121 A:170 T:184 C:132

06584_14473_A6L7_LEU2pro_F

Dec 27, 2016 01:41PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Dec 27, 2016 02:08PM, JST

KB 1.4:1.8 Cap.23

Pts 1523 to 13173 Pk1 Loc:1500

Spacing: 1.78 Pts/Panel1350

Version 6.0 HISQV Bases: 965

Plate Name: 20161227_dhbank

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

EcoRI

1318
659

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

1318
659

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

1318
659

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

1318
659

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

1318
659

A A G G C C A T T G A

1318
659

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