

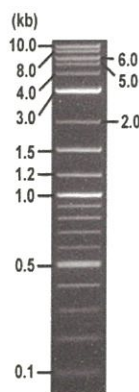


RIKEN DNA BANK

clone name : pDEST131NGFP126

- Clone ID : RDB _ 13952
- Lot : 13952 _ A6Bi
- 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

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>BglII</u>	<u>7.0</u> kbp
<u>SacI</u>	<u>5.4, 1.6</u> kbp
_____	_____ kbp
_____	_____ kbp
_____	_____ kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	CMV-Forward	Sequence - E	-
Sequence - B	EGFP-C	Sequence - F	-
Sequence - C	pAxEF_R2	Sequence - G	-
Sequence - D	-	Sequence - H	-



APPROVED BY :

SN G:268 A:210 T:155 C:325

primer name A : CMV-Forward

KB_3500_POP7_BDTV3.mob

Mar 02.2016 02:08PM, JST

KB.bcp

5- GCACCAAAATCAACGGGACTT-3'

Pis 1362 to 12840 Pk1 Loc:1339

Mar 02.2016 02:34PM, JST

KB 1.4.1.8 Cap:1

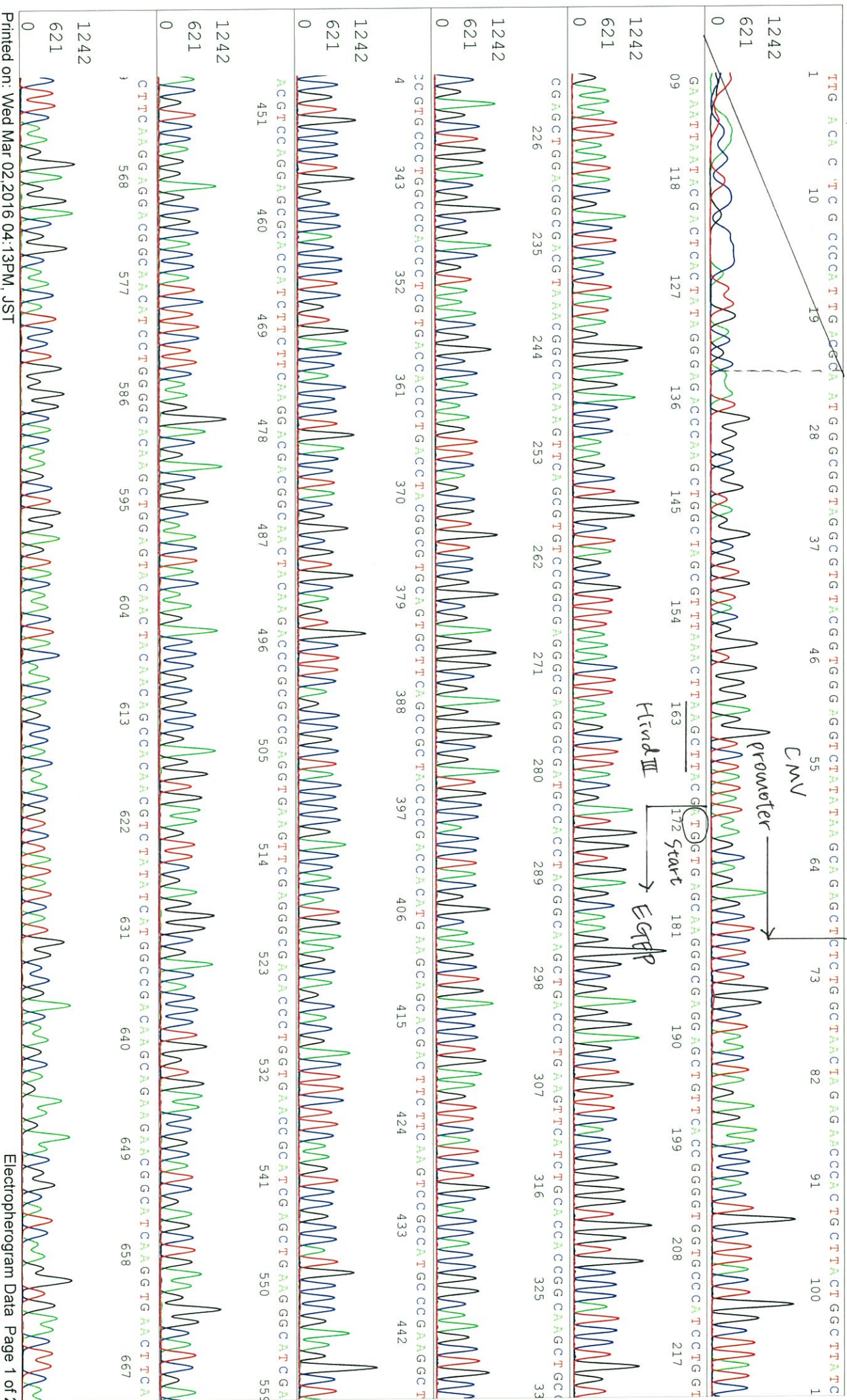
Version 6.0 HiSQV Bases: 996

Spacing:11.43 Pts/Panel1350

KB 1.4.1.8 Cap:1

Version 6.0 HiSQV Bases: 996

Plate Name: 20160302_mix



S/N G:268 A:210 T:155 C:325

D03129A1_A6Bi_2_CMV_Forward

Mar 02,2016 02:08PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Mar 02,2016 02:34PM, JST

KB 1.4.1.8 Cap:1

Pts 1362 to 12840 Pk1 Loc:1339

Spacing:11.43 Pts/Panel1350

AGATCCCGCCACCAACATCGAGGACGGGCCAGCGCTGCAGGCTCGCCGACCACTACCAAGCAAAACCCCAATCGGGCAGCGCCCGTGCTGCCCGGACCACTACCTGGA

1242

621

0

GCCACCCAGTCCGCCCTGAGCAAAAGACCCCAACGAGAGCGCGATCAGATGCTGCTGAGTTCGTGACCGCCGCGGATCACTCTCGGCATGACGAGCTC

(primer B)

EgFP →

1242

621

0

TACCAAGGTTACCCCAAGTTGTACAAAAAAGCACTCCCTCCACTGGGAAACCAATGTCCTCCCGGGAGCGGGTGAAAGCGAGTACATGAACTGCTACCC

883 892 901 910 919 928 937 946 955 964 973

KpnI attR1 attB1 attL1

1242

621

0

AGGAGCCGCCCTGGGAGGGAGTACGGGCCCCGTGCTTACC GCGAGCTGCTGGACATACCGCTAGCGCGGGCTGGAGAGCTGGAGAGCTG

1063 1072 1081 1090 1099 1108 1117

GACGCGCCGCCTGGCTCTCTGGGACGAGCTGGGAGCGCTGCTTCTTCTTCTGAGAGCTCTGGAGAGTCTC

1126

1242

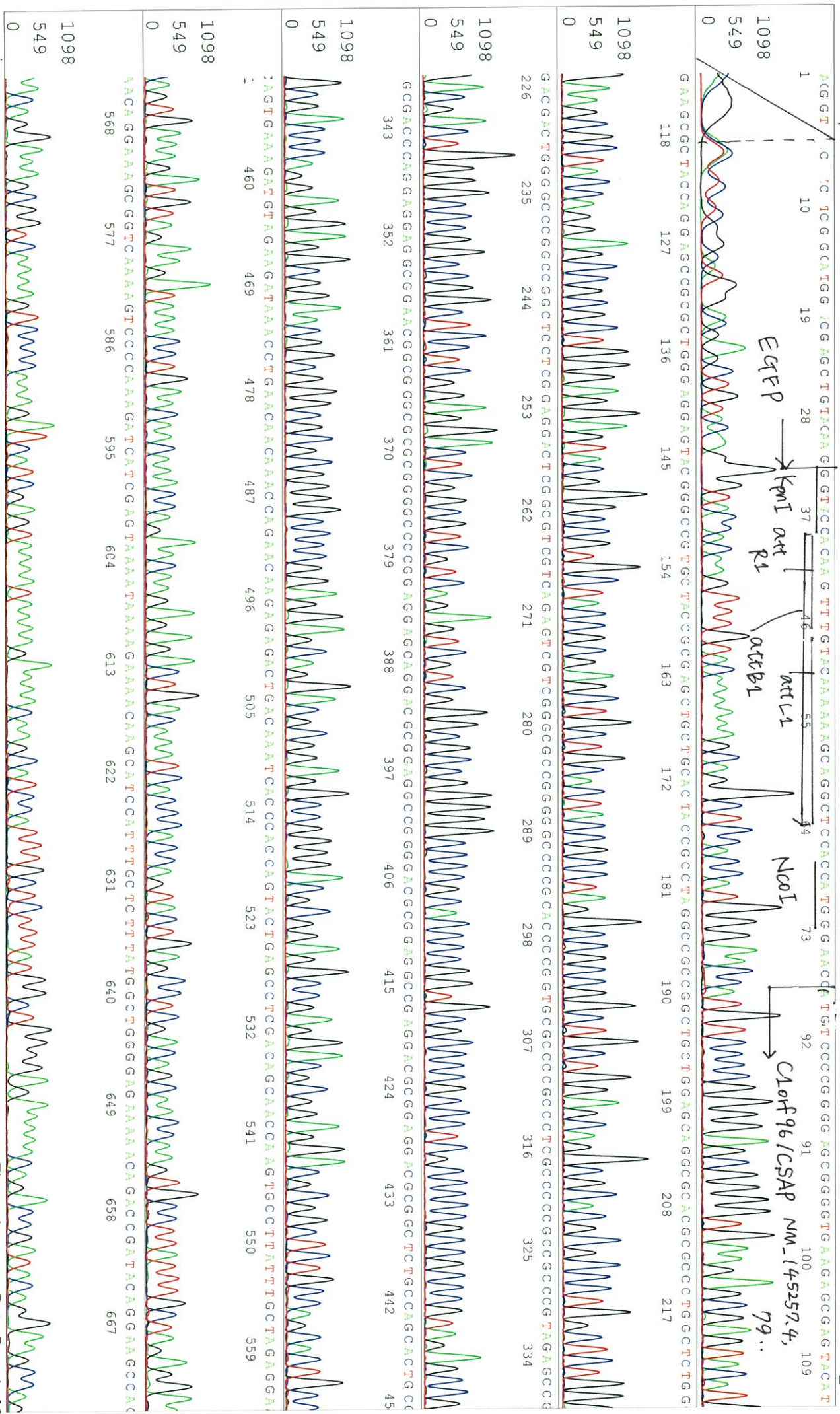
621

0

S/N G:604 A:536 T:372 C:863
KB.bcp
KB 1.4.1.8 Cap.4

primer name β : EGFP-C
5'-CATGGTCCTGCTGGAGTTTCGTG-3'

KB_3500_POP7_BDTV3.mob
Pis 1381 to 12733 Pk1 Loc:1358
Version 6.0 HISQV Bases: 992



S/N G:604 A:536 T:372 C:863

D03129A1_A6Bi_2_EGFP_C

Mar 02, 2016 02:08PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

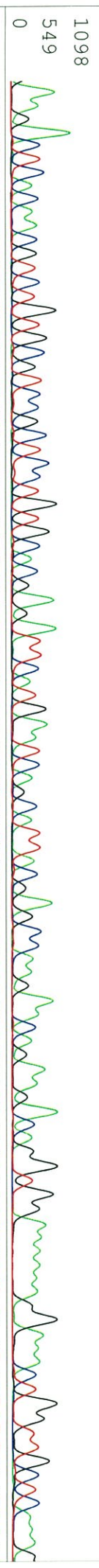
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KB 1.4.1.8 Cap:4

Pts 1381 to 12733 Pk1 Loc:1358

Spacing:1.1.39 Pts/Panel1350

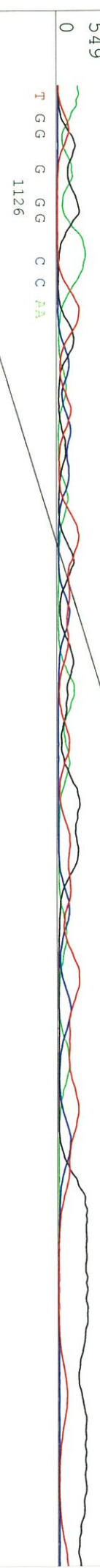
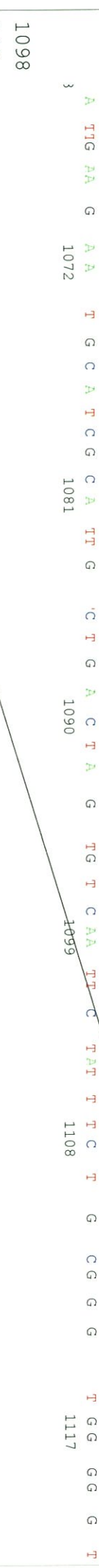
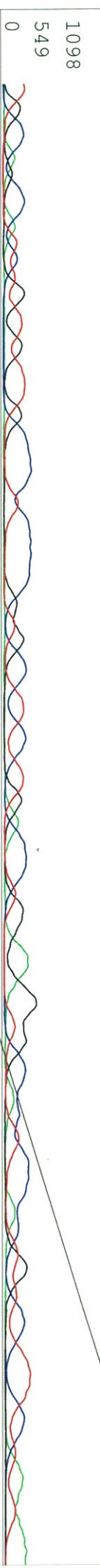
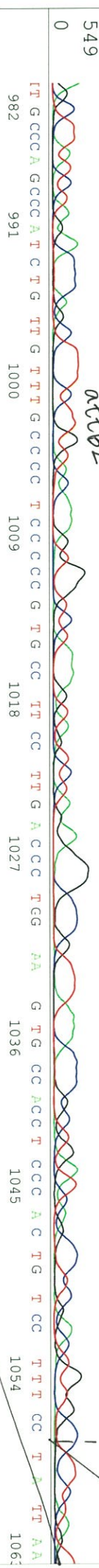
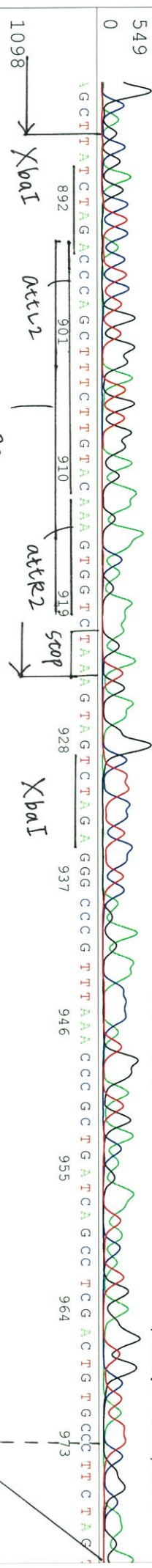
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NM, 9' NcoI

CloRF96/CSAP

NM (452574, .888



S/N G:255 A:249 T:235 C:341

D03129A1_A6Bi_2_pAXEF_R2

Mar 02, 2016 02:08PM, JST

KB:bcp

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Mar 02, 2016 02:34PM, JST

KB 1.4.1.8 Cap:10

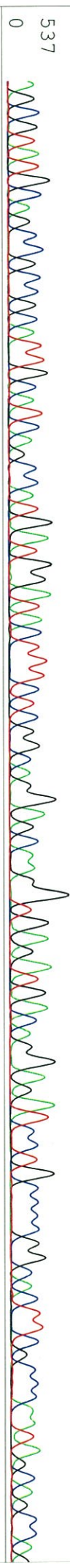
Pts 1352 to 12817 PK1 Loc:1329

Spacing:1.137 Pts/Panel1350

Version 6.0 HiSeqV Bases: 996

Plate Name: 20160302_mlx

1074



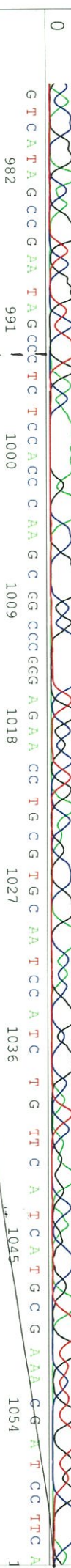
537



1074



537



1074



537



1074



537

