

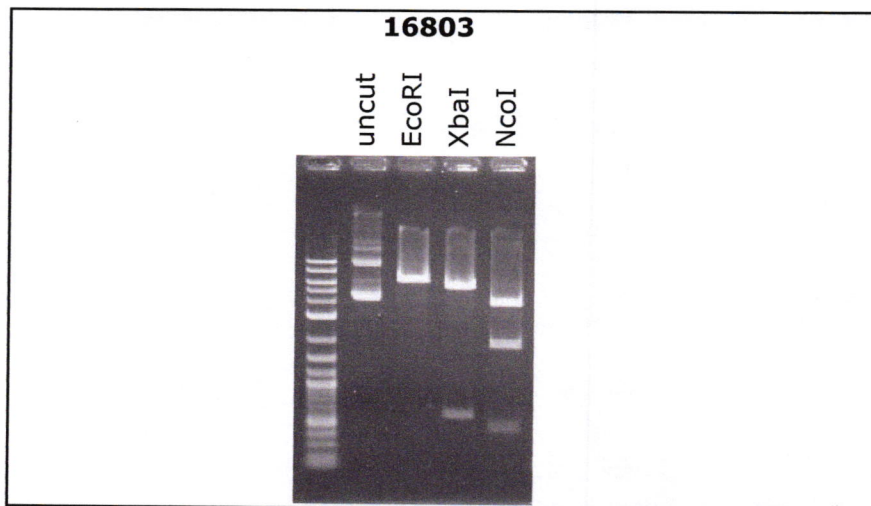
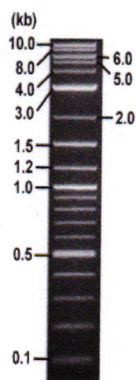


**RIKEN DNA BANK**

clone name : pCAG-NexxoR

- Clone ID : RDB \_ 16803
- Lot : 16803 \_ A8LI
- 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

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
<b>EcoRI</b>	<b>6.4</b> kbp
<b>XbaI</b>	<b>5.8, 0.6</b> kbp
<b>NcoI</b>	<b>4.0, 1.9, 0.5</b> 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	Pr0328	pCAG-F	CAG pro,insert 5'(NexxoR-N 5')
Sequence - B	Pr0066	pCA-bgter	insert 3'(NexxoR-C)
Sequence - C	Pr 1277	xoR-M_R	insert mid(NexxoR-C,MCS,NexxR-N 3')
Sequence - D	-	-	-
Sequence - E	-	-	-
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

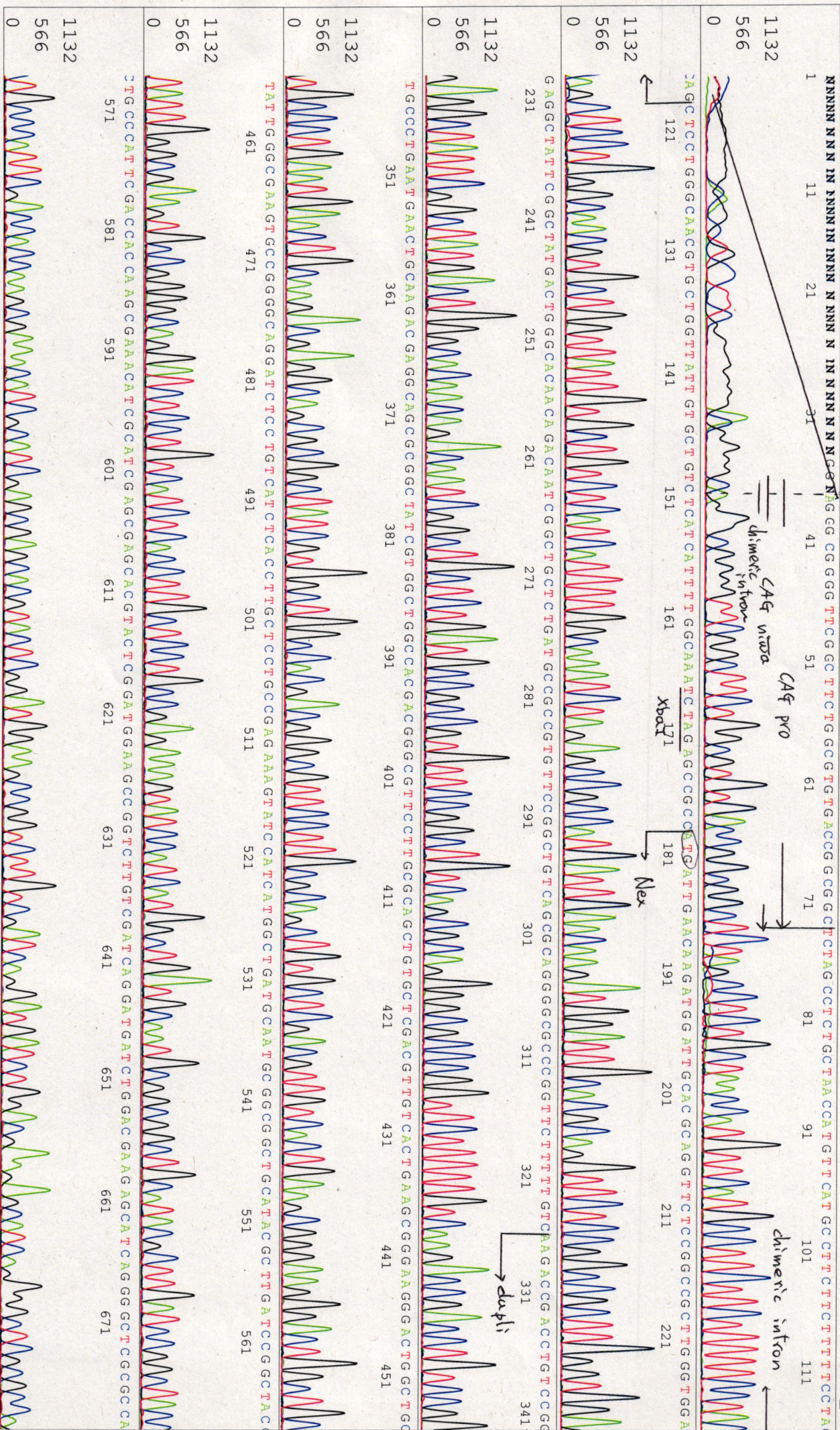


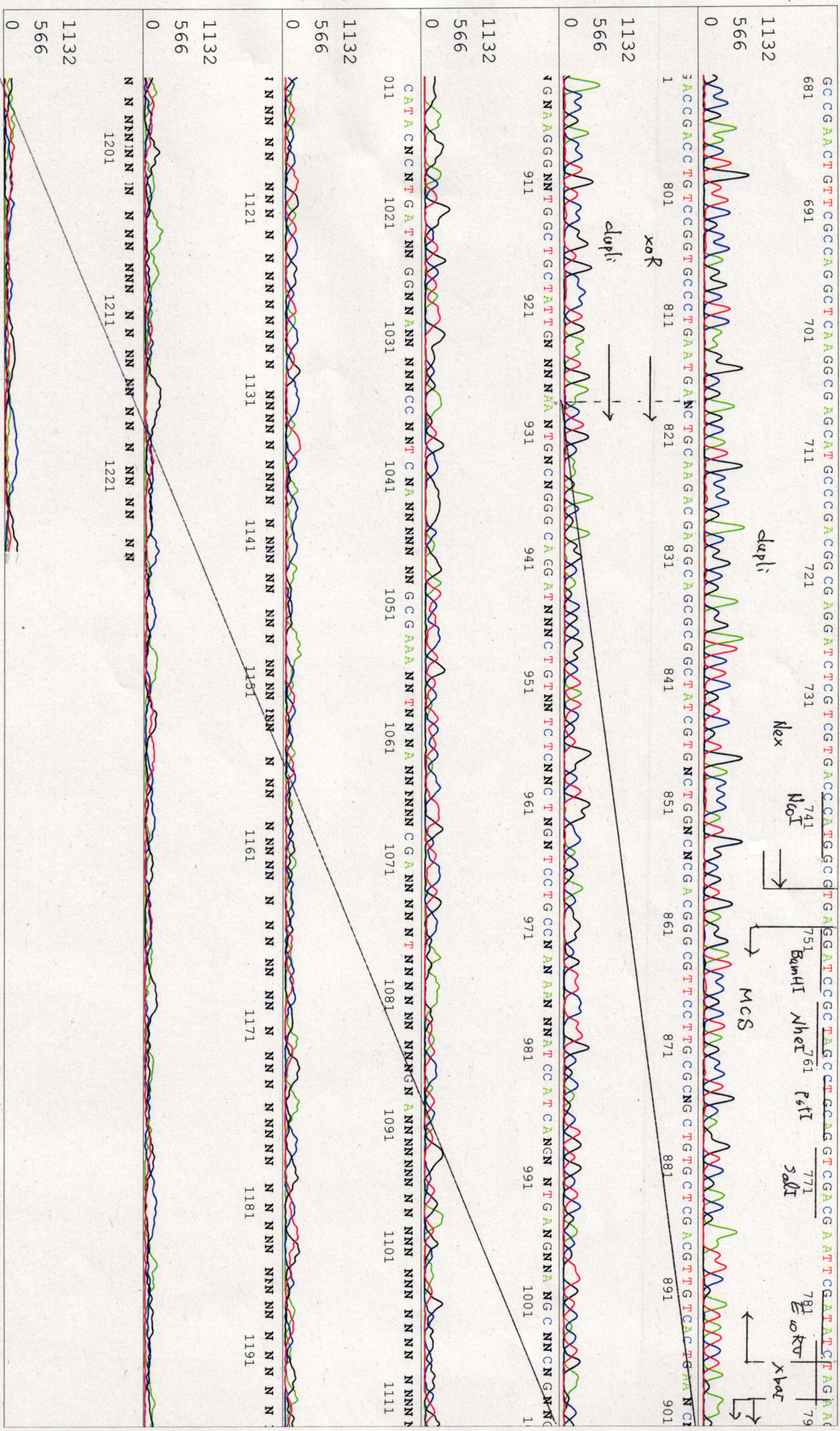
S/N G:99 A:55 T:47 C:56  
KB\_bcp  
KB 1.4.1.8 Cap:15

primer name A : PCAG-F  
5' TTCATCATCTCCAGCCTCGG3'

16803\_16803\_B2LRF\_pCAG-F  
KB\_3500\_POP7\_BDTV3.mob  
Pts 1292 to 13594 Pk1 Loc:1269  
Version 6.0 HISQV Bases: 974

Jan 10, 2023 02:54PM, JST  
Jan 10, 2023 03:21PM, JST  
Spacing: 12.03 Pts/Panel1350  
Plate Name: 20230110\_mix





S/N G:2647 A:2579 T:1863 C:2597

primer name  $\beta$  :pCA-bgter

KB\_3500\_POP7\_BDTv3.mob

Jan 10, 2023 02:54PM, JST

KB.bcp

5' ATTAGCCAGGAAGTCAGATGCTC 3'

Pls 1324 to 13598 Pk1 Loc:1301

Jan 10, 2023 03:21PM, JST

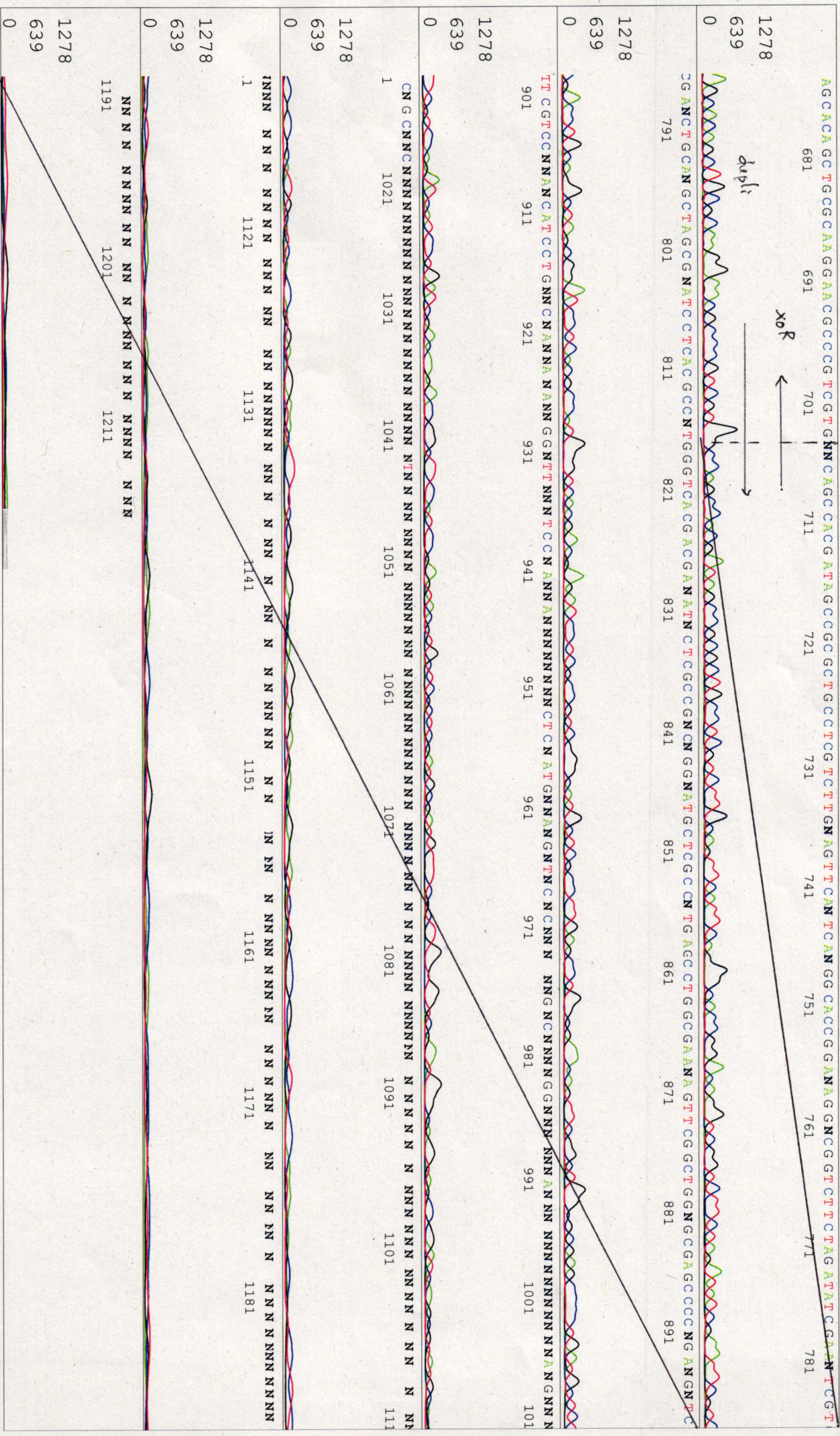
KB 1.4:1.8 Cap:18

Version 6.0 HiSeqV Bases: 914

Plate Name: 20230110\_mix

Spacing:12.01 Pts/Panel1350





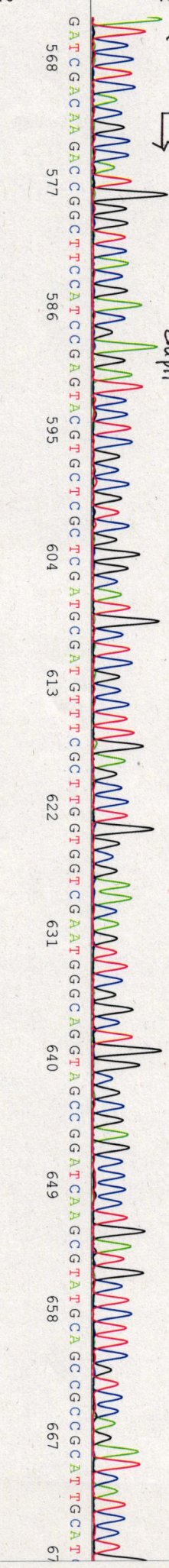
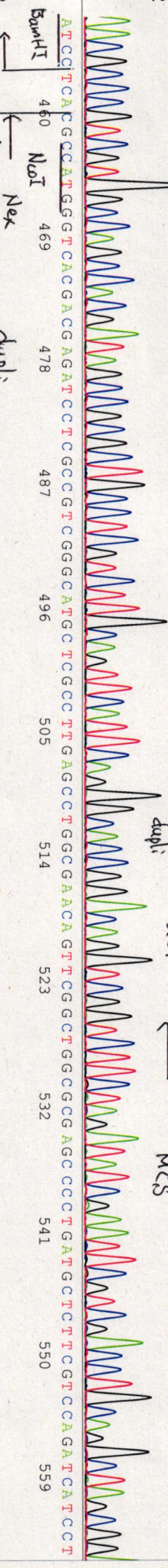
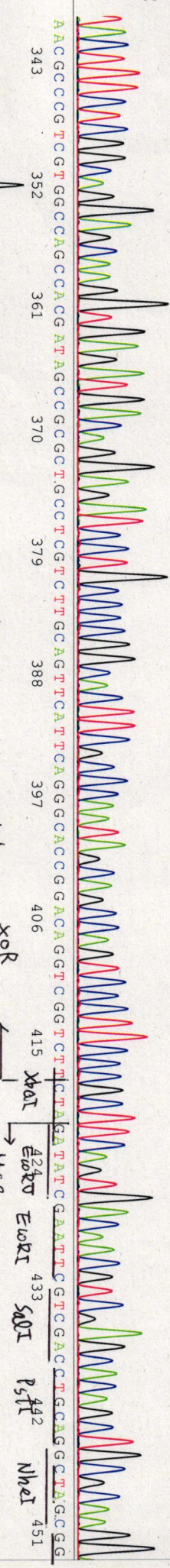
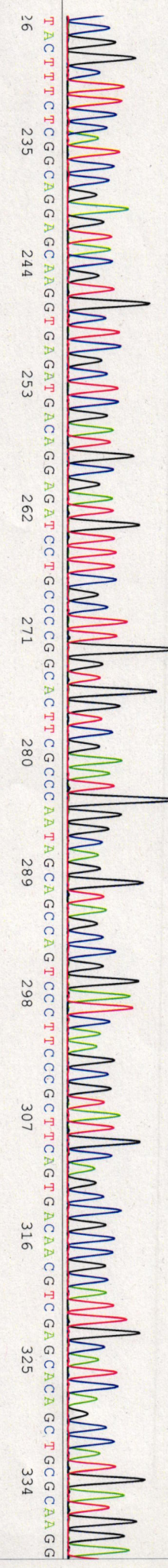
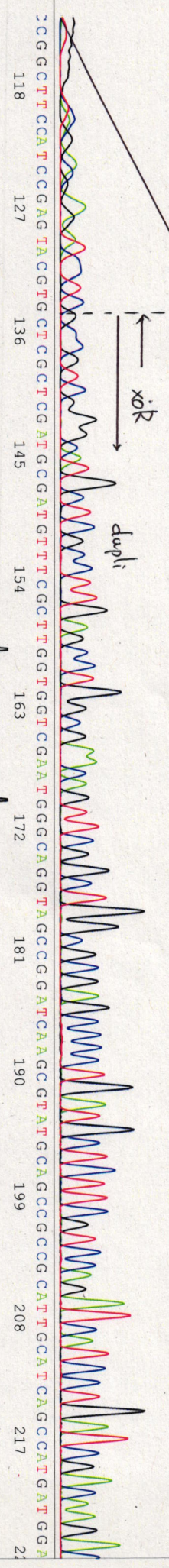
S/N G:136 A:99 T:69 C:120  
KB.bcp  
KB 1.4.1.8 Cap:24

primer name C : xoR-M\_R  
5' CCACCATGATATTCGGCAAG 3'

Pts 1295 to 13565 Pk1 Loc:1272  
Version 6.0 HISQV Bases: 982

Spacing: 12.02 Pts/Panel1350  
Plate Name: 20230110\_mix

1 10 19 28 37 46 55 64 73 82 91 100 109  
NNNNNN NN N NNN NN NNNNNN G CCG TCG GGCAT GCT CCGCT TGA GCGCTGGCGAACA GTT CCG GCTGGCGCGGAGCCCTTGATGCTCTTCG TCCAGATCAT CCGATCGACCAAG



6 ' G A G C C A T G A T G G A T A C T T T C T C C G G C A G G A G C A A G G T G A G A T G A C C A G G A G A T C C T G C C C C C G G C A C T T C G C C C A A T A G C A G C C A G G A C C G A G T C C C C G C T C A G T G A C C A A C G T C G A G



793 802 811 820 829 838 847 856 865 874 883 892  
 C A C A G C T G C G C G A G A G A G C C C C G T C G T G C C A G C C A C G A T A G C C G C C T G C C T C G T T G N A G T T C A T C N N G G C A C C G G A C A G G T C G G T C T T G A N A A A A G A A C C G G C

901 910 919 928 937 946 955 964 973 982 991 1000  
 G C C C C T G C G C T G A N A G C C G A A C A C G G C C C T C N N A N C A N C C G A N T G N C T G T G N C C N G T C N T A N N N N T A G C C T C T N N A C C C A A G C G G N C N G N A A A N N T G N G T

1009 1018 1027 1036 1045 1054 1063 1072 1081 1090 1099  
 G N N N T C C N T C N T N G N N C N N T C N N G N N N N N N N N N N N N N N N N N N N C C N N N N N N N N N N G N A A A N N N N

1108 1117 1126 1135 1144 1153 1162  
 N

1171 1180 1185  
 N

