

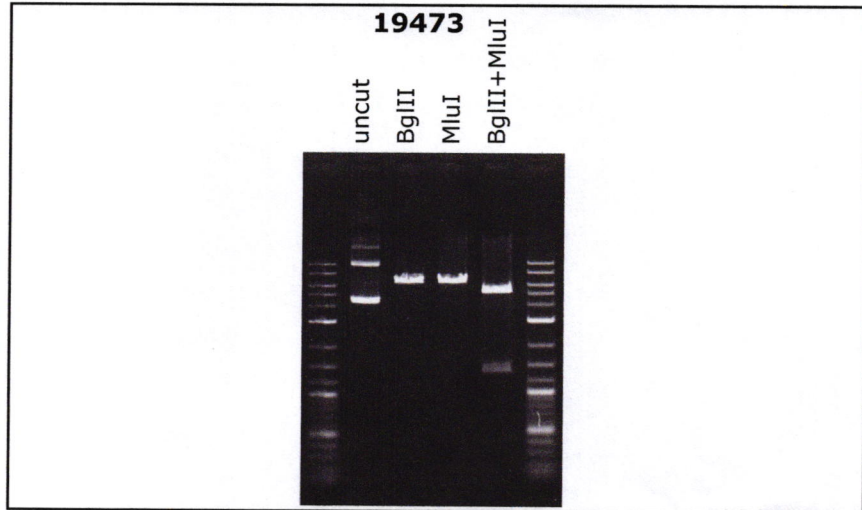
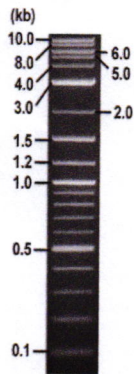


RIKEN DNA BANK

clone name : **pBS-CaMKIIpro-XCaMP-B-WPRE**

- Clone ID : RDB_19473
- Lot : 19473_B2A4
- 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
BglII	6.5 kbp
MluI	6.5 kbp
BglII+MluI	5.1, 1.4 kbp
	kbp

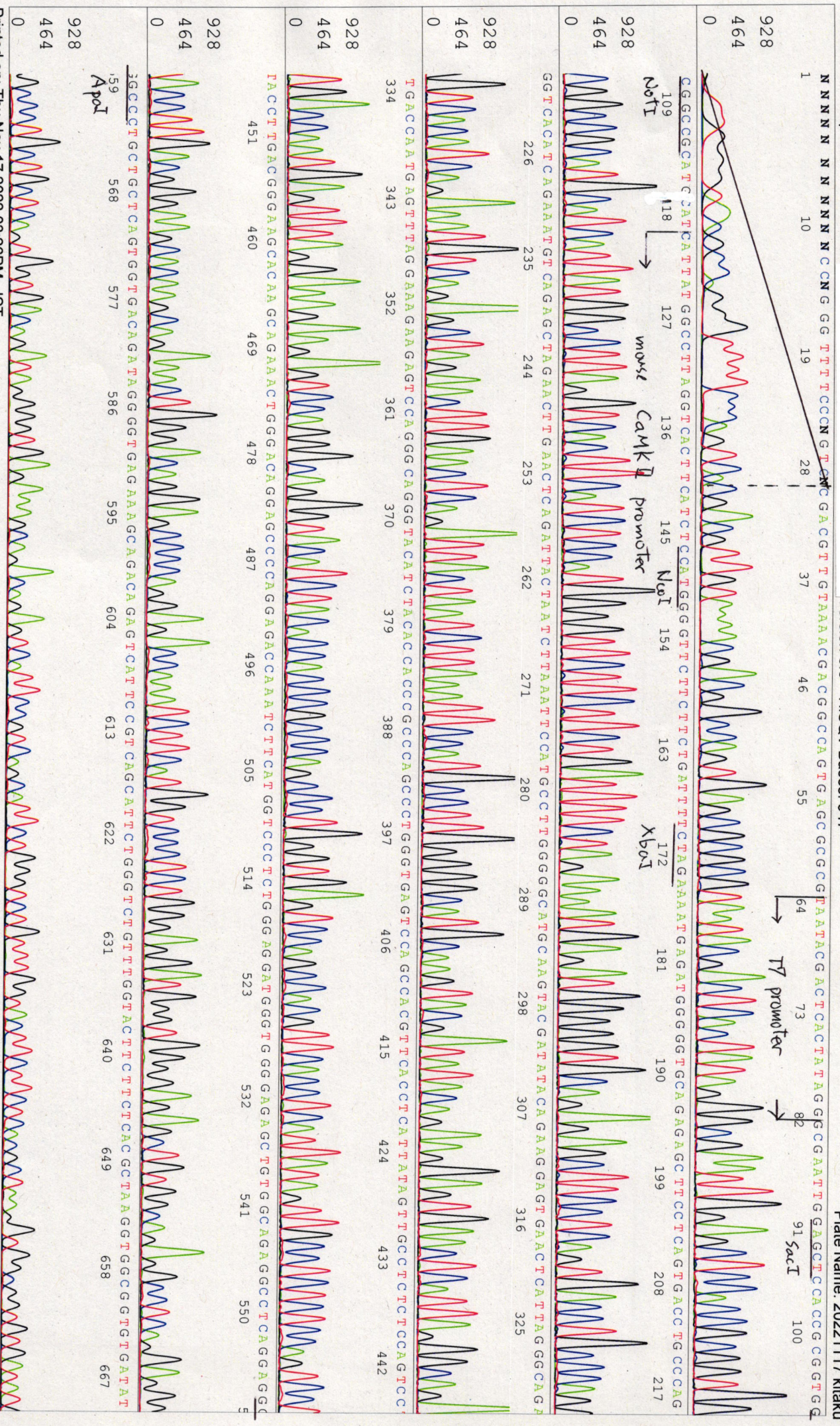
● Confirmation of the insertion sequence

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

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0310	pUC-M13_-100	insert 5'(CaMKII pro 5')
Sequence - B	Pr0100	reverse-2	insert 3'(SV40 pA,WPRE)
Sequence - C	Pr0026	EGFP-C-rev	insert mid(XCaMP-B 5',CaMKII pro 3')
Sequence - D	Pr0250	PRE_rev	insert mid(WPRE,XCaMP-B 3')
Sequence - E	Pr0772	FP-C_F1	insert mid(XCaMP-B mid)
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY

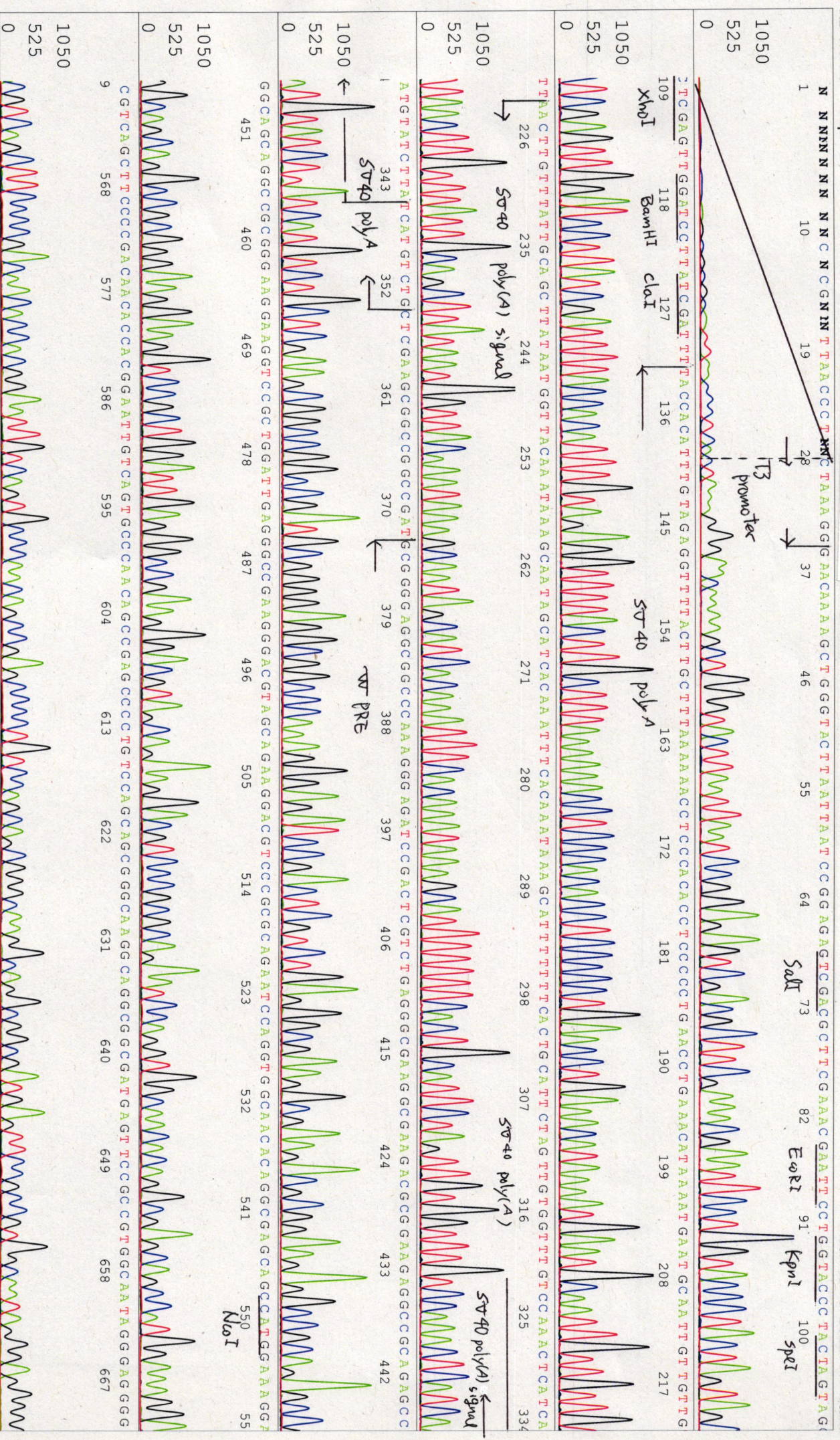




S/N G:691 A:846 T:817 C:717 primer name β : reverse-2

KB.bcp
KB 1.4.1.8 Cap:18

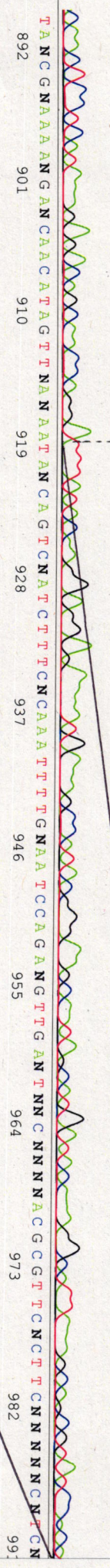
5'- GCGGATAACAATTTCACACAGG -3'



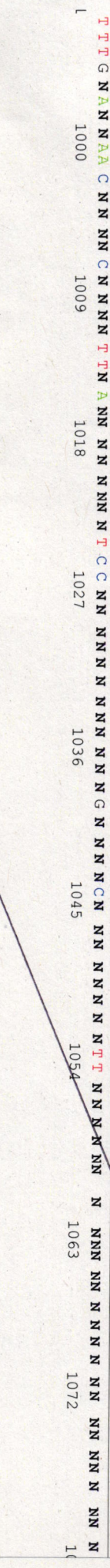
GAAGCGAAGTCCCGGAAAGGAGCTGACAGGTGGTGGCAATGCCCCCAACAGTGGGGTTGCGTCAAGCAAAACAAGTGCACCAACAAGCCGTCAGCTGACAAACGGCC



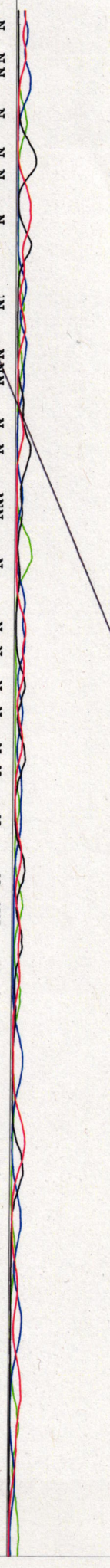
CAACTCCTCATAAAGAGACAGCAACCAAGANTTATACNAGANGANAATAAGAAAGCCATACGGGAAGCAATAGCATGATAACNAAAGCATTNAAAGCAGCCGATCCTCA



TANCGNAAANGANCAACATAGTTNANAATANCAGTCNATCTTCNCAAAATTTGNAAATCCAGANGTTGANTNANNNNNAACCGCTTCNCTCANNNNCCN



TTTGNANNAACNNNNCNNNNTTANNNNNNNNTCCNNNNNNNGNNNCNNNNTTNN



NN

primer name C : EGFP-C-rev

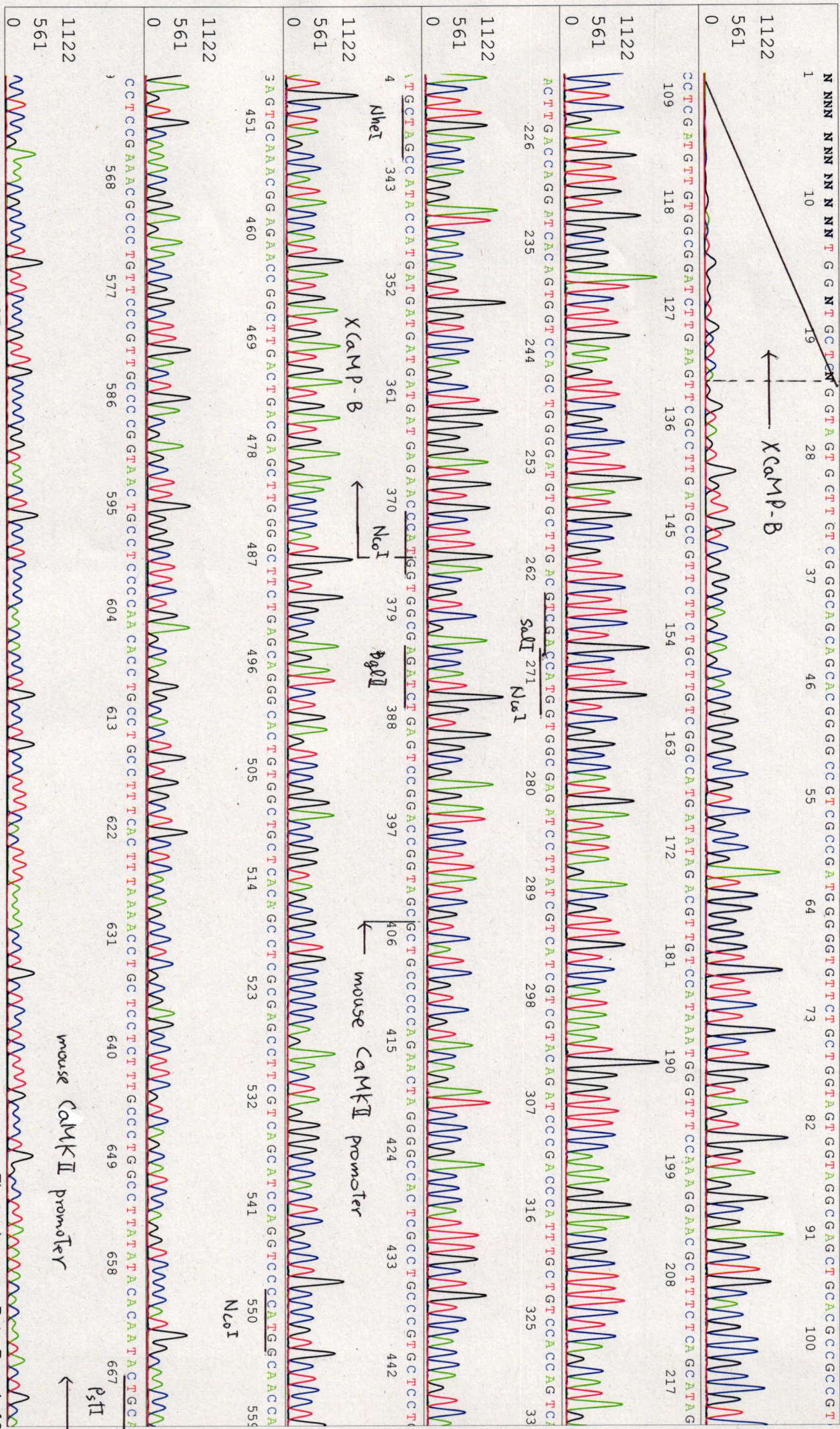
KB_3500_POP7_BDTV3.mob

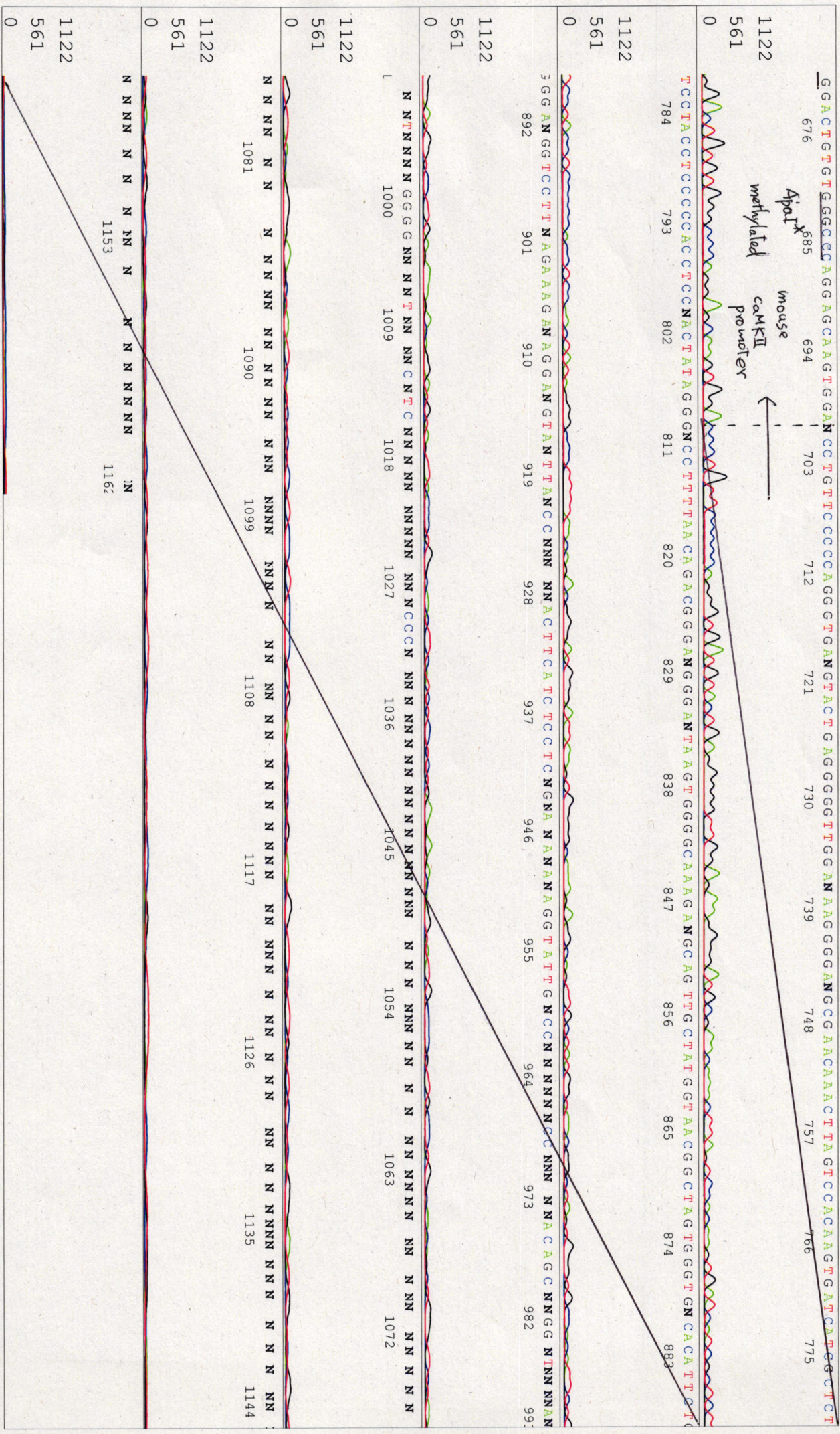
Pts 1518 to 13780 PK1 Loc: 1495

Version 6.0 HISQV Bases: 948

S/N G:739 A:547 T:629 C:636
KB.bcp
KB 1.4.1.8 Cap:23

5' CACGAACTCCAGCAGGACCATG3'





S/N G:1145 A:1010 T:754 C:1045
KB:bcpcap:24
KB 1.4.1.8

primer name E : FP-C_F1
5' ACAACCACTACCTGAGCAACC3'

19473_19473_B2A4_3_FP-C_F1_H03
KB_3500_POP7_BDTV3.mob
Pls 1544 to 13543 PK1 Loc:1521
Version 6.0 HiSeqV Bases: 924

