

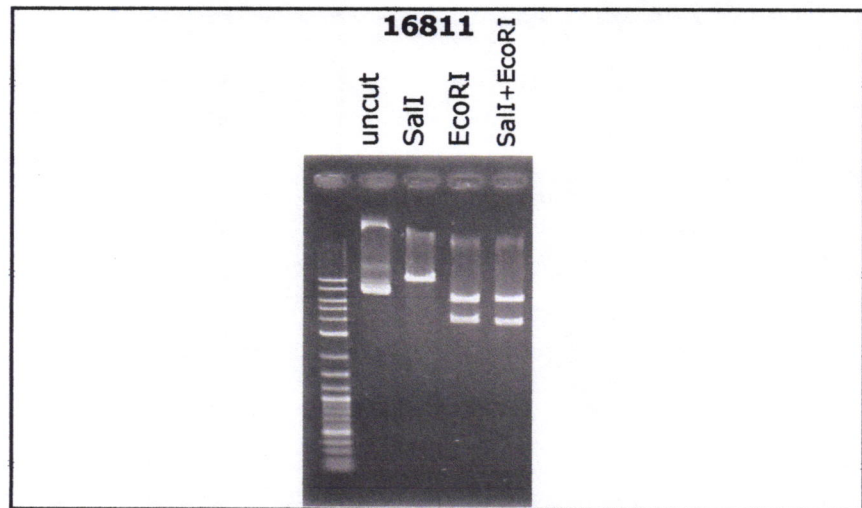
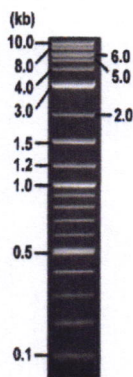


RIKEN DNA BANK

clone name : **pMK364 (CMV-OsTIR1-loxP-PURO-loxP)**

- Clone ID : RDB _ 16811
- Lot : 16811 _ A8Lp
- 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

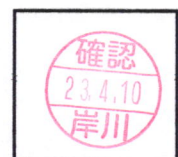
Restriction enzyme	Expected size of fragment
SalI	10.1 kbp
EcoRI	6.2, 3.9 kbp
SalI+EcoRI	6.3, 3.8 kbp
	kbp

● **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	Pr0016	CMV_Forward	CMV pro,OsTIR1 5'
Sequence - B	Pr0243	PGK_N_rev	loxP,SV40 pA,OsTIR1 3'
Sequence - C	Pr0249	PGKpro_F	PuroR,mPGK ter
Sequence - D	Pr0554	PuroR_F	PuroR,mPGK ter,loxP,AAVS1 arm 2
Sequence - E	Pr0536	pUC-CAPbs_up_F	T3 pro,AAVS1 arm 1
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



S/N G:722 A:549 T:394 C:551

primer name A : CMV_Forward

KB.bcp

5' GCACCAAAATCAACGGGACTT3'

KB 1.4.1.8 Cap:12

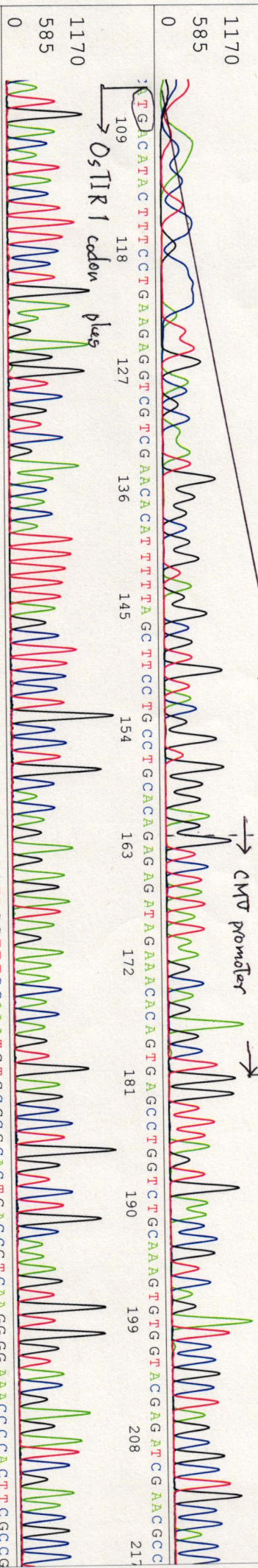
Version 6.0 HISQV Bases: 870

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CMV promoter

NIET

OsTIR 1 codon plus



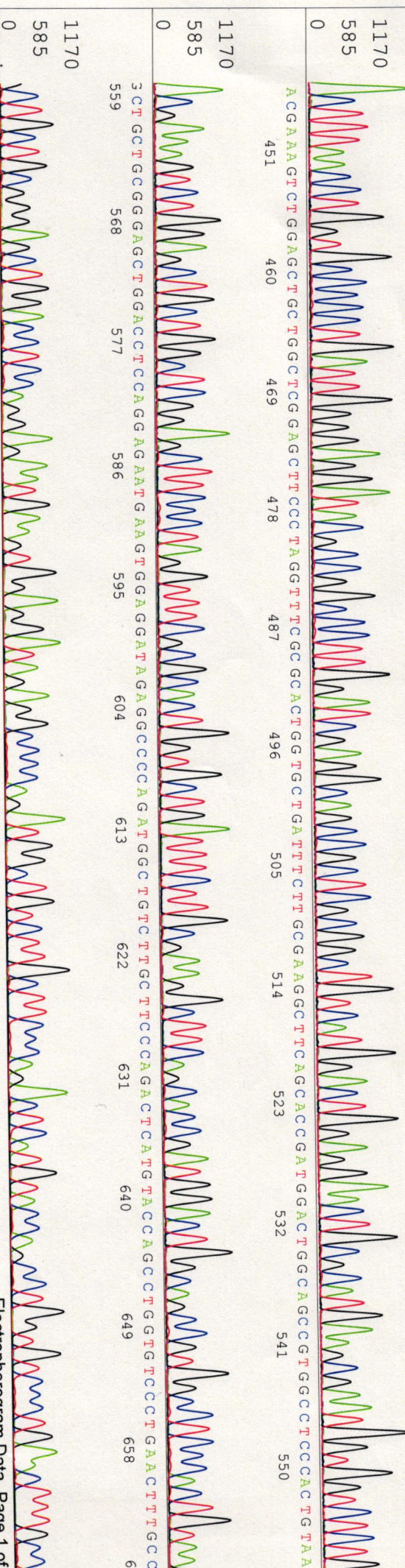
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1170 585 0 A C T T T A A C C T G G T G C C C C C T G A T T G G G A G A G A T A C G C C G G C C C T T G G A T C G A G C C A G C C C C T C C G C C G T G T C A T G G A C T G G A G G A A C T G C G C A T G A A G C G A A T G G T G G T C T C T G

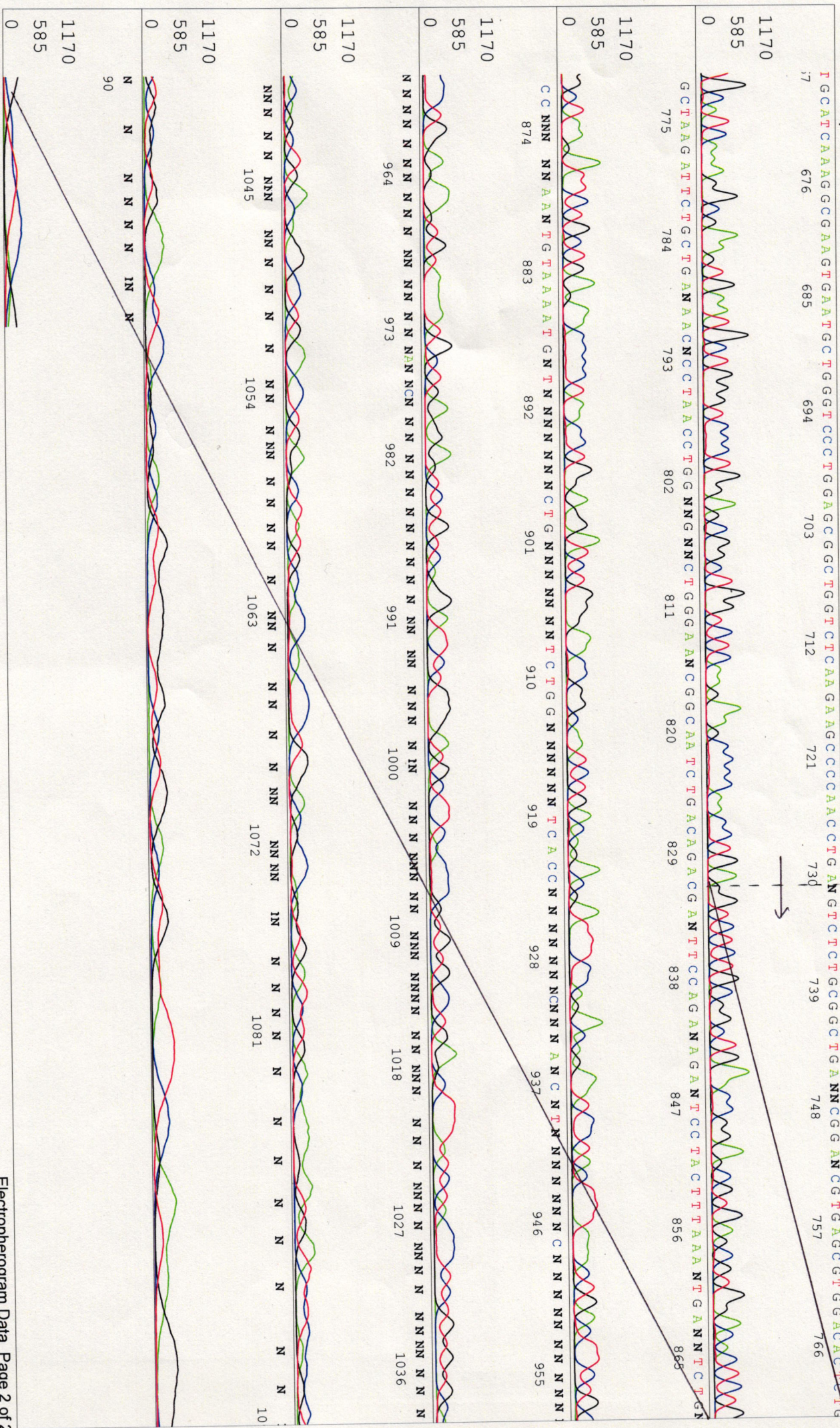
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1170 585 0 3 C T G C T G C G G G A G C T G G A C C T C C A G A G A A T G A A G T G G A G G A T A G A G C C C C A G A T G G C T T G C T T C C C A G A C T C A T G T A C C A G C C T G G T G T C C C T G A A C T T T G C C T

585 0 559 568 577 586 595 604 613 622 631 640 649 658 66



Printed on: Tue Feb 28, 2023 02:41PM, JST



S/N G:488 A:468 T:392 C:368

primer name **β** : PGK_N_rev

D06157A7_A8LP_1_PGK_N_rev
KB_3500_POP7_BDTv3.mob

Feb 20, 2019 03:15PM, JST
Spacing: 11.63 Pts/Panel1350

KB.bcp

5'-TGCTAAAGCGCATGCTC-3'

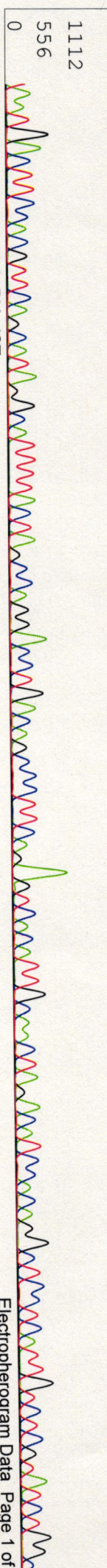
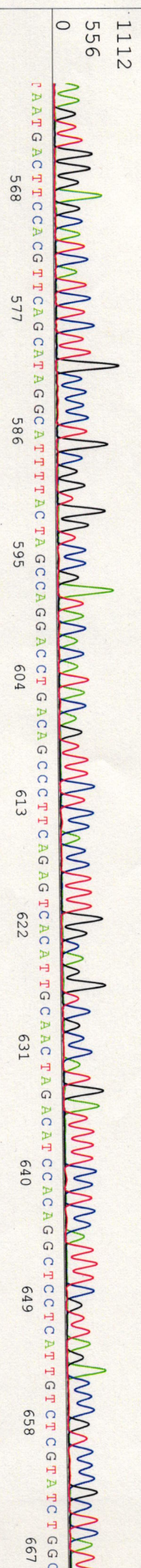
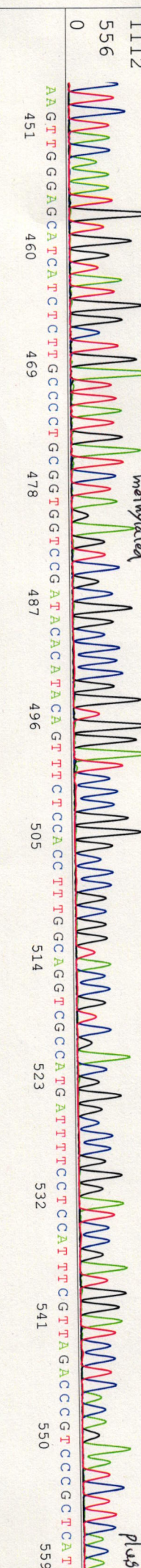
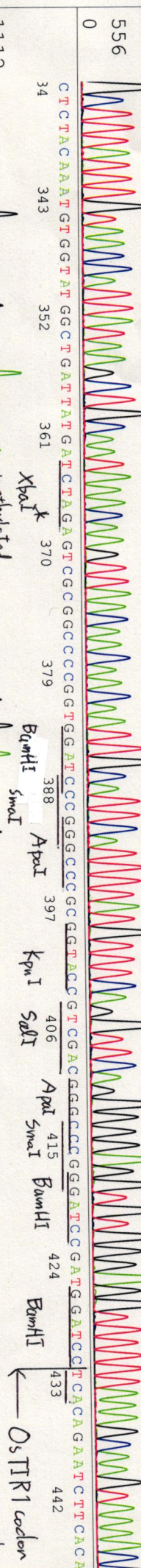
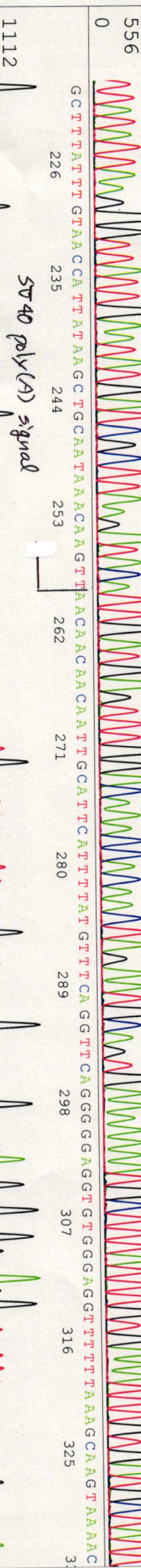
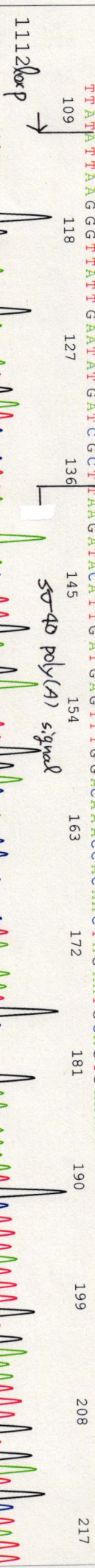
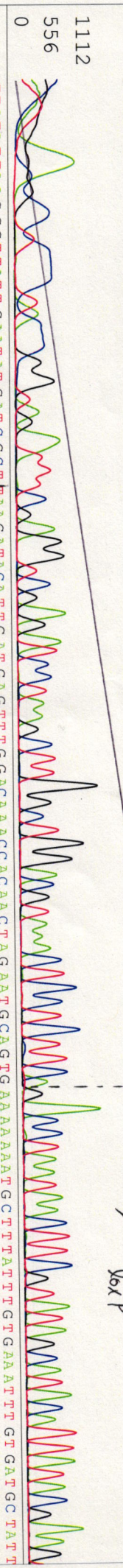
Pts 1557 to 12916 PK1 Loc:1534

Plate Name: 20190220 Kitaku

KB 1.4:1.8 Cap:15

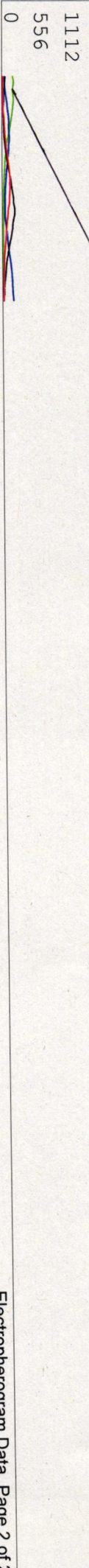
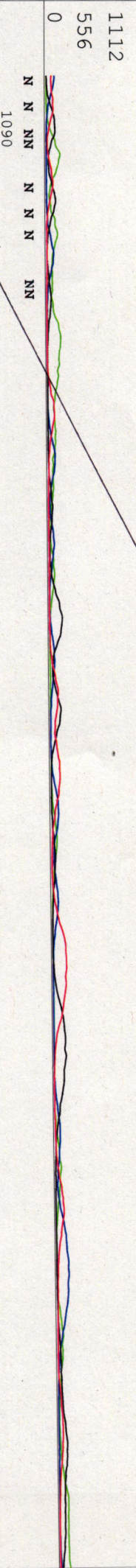
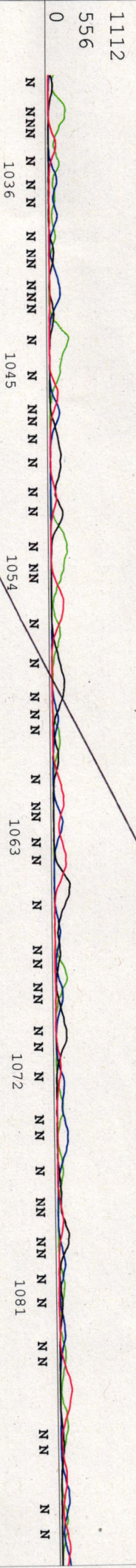
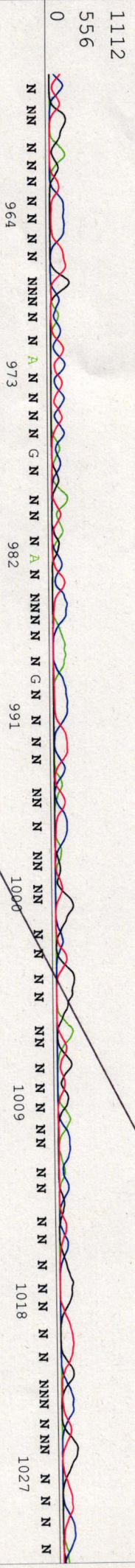
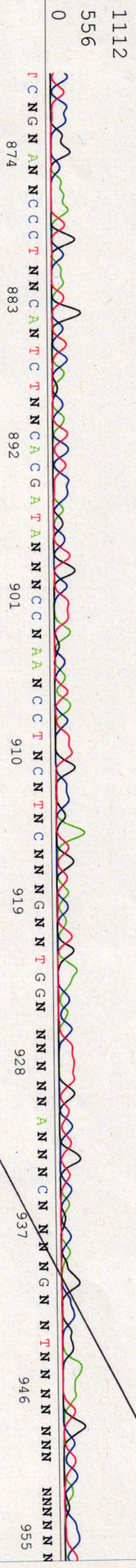
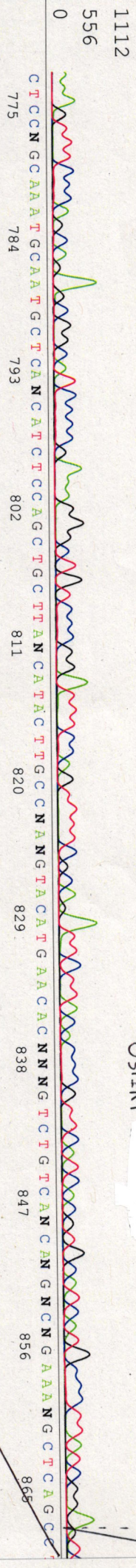
Version 6.0 HSOV Bases: 881

Version 6.0 HSOV Bases: 881



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OSTR1



S/N G:425 A:307 T:206 C:399

primer name C : PGKpro_F

KB_3500_POP7_BDTV3.mob

Feb 20,2019 03:15PM, JST

KB.bcp

5'-ATTCTGCACCGCTTCAAAAAG-3'

Pts 1538 to 12899 PK1 Loc:1515

Spacing:11.6 Pts/Panel1350

KB1.4.1.8 Cap:18

Version 6.0 HISQV Bases: 908

Plate Name: 20190220 kitaku



S/N G:425 A:307 T:206 C:399

D06157A7_A8LP_1_PGKpro_F

KB_3500_POP7_BDTV3.mob

Pts 1538 to 12899 PK1 Loc:1515

Version 6.0 HISQV Bases: 908

Feb 20, 2019 02:39PM, JST

Feb 20, 2019 03:15PM, JST

Spacing: 11.6 Pts/Panel1350

Plate Name: 20190220 Kitaku

KB.hcp

KB 1.4.1.8

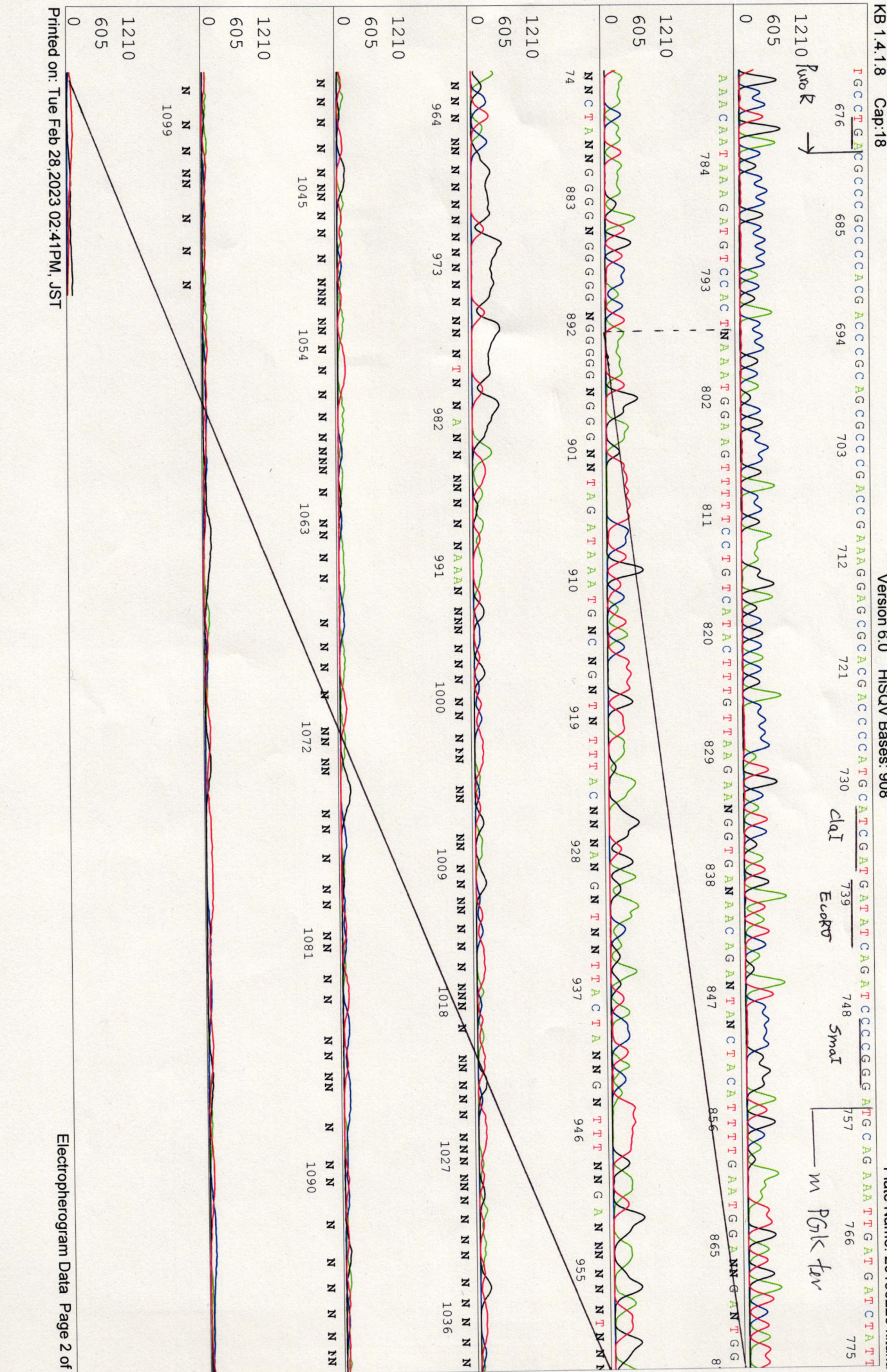
Cap:18

capI

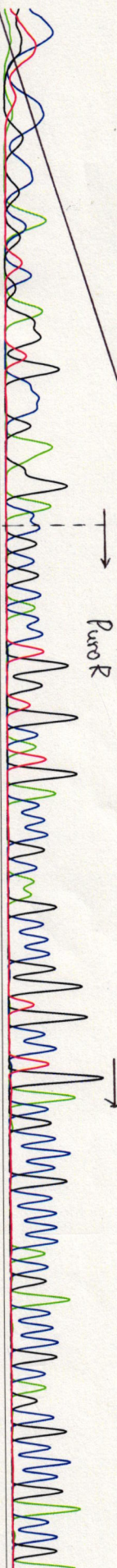
EvokT

Smat

m Pgk tev



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CGCACGACCCCACTGCAATGATATCAAGATCCCCGGGATGGCAAAATGATGATCTATTAACAATAAAGATGTCACATAAATGGAATTTCTCTCACTTGTAA
109 118 127 136 145 154 163 172 181 190 199 208 217
clal *EcoRV* *SmaI* *mouse PkK terminator*

GAA GG T G A G A A C A G A G T A C C T A C A T T T G A A T G G A A G G A T T G G A G C T A C G G G G T G G G G G T G G G G T G G G A T T A G A T A A T G C C T G C T C T T A C T A C T A T T G
226 235 244 253 262 271 280 289 298 307 316 325 3

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EcoRV *BglII* *BglII*

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451 460 469 478 487 496 505 514 523 532 541 550 559

TTCTCA GTATT GTTTT GCCAAGTTC TAATTCCA TCA GAA GCTGGTCCGAGATCCGGAA C C C TTAATATA A C T T C G T A T A A T G T A T G C T A T A C G A A G T A T T A G G T C C C C T C
568 577 586 595 604 613 622 631 640 649 658 667

mouse PkK terminator *lox P*

