

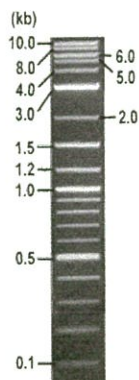


RIKEN DNA BANK

clone name : pBabe-hSTING(V155M)

- Clone ID : RDB _ 14355
- Lot : 14355 _ A6J7
- 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),
250 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>6.3</u> kbp
<u>XbaI</u>	<u>3.7, 2.6</u> kbp
<u>SmaI</u>	<u>3.7, 2.6</u> kbp
	kbp
	kbp

● Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	pBABE5'	Sequence - E	-
Sequence - B	PuroR-rev	Sequence - F	-
Sequence - C	Amp_R	Sequence - G	-
Sequence - D	SV40pro_F_V2	Sequence - H	-

APPROVED BY :



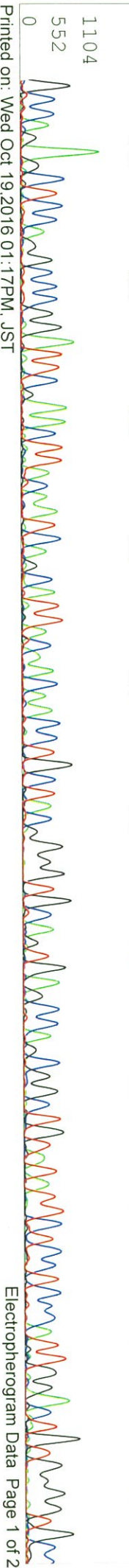
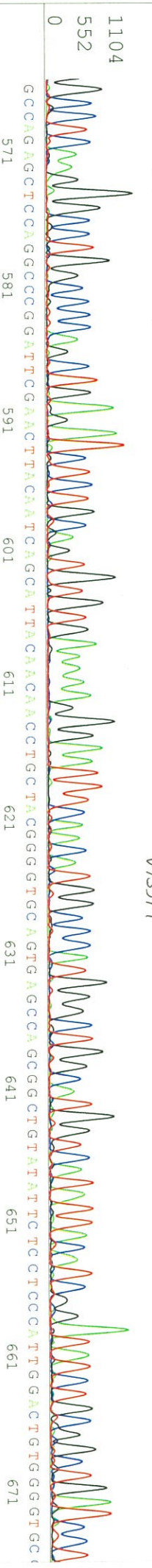
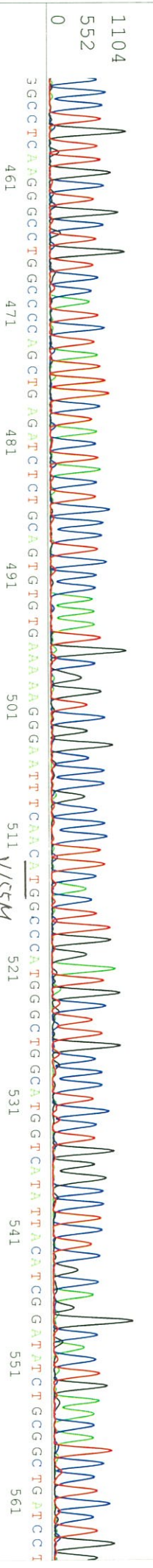
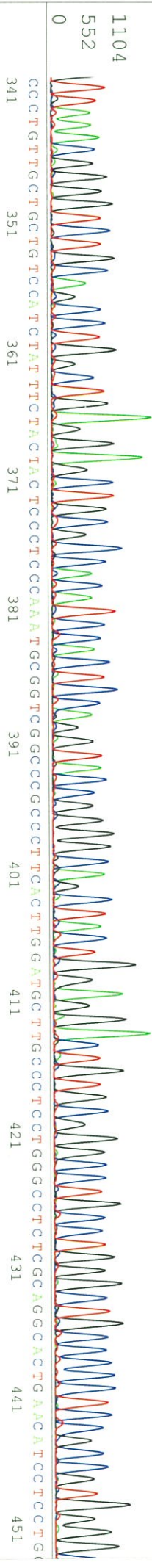
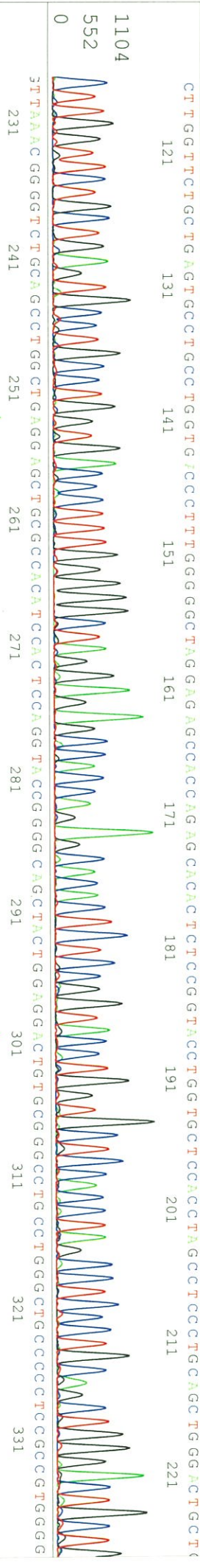
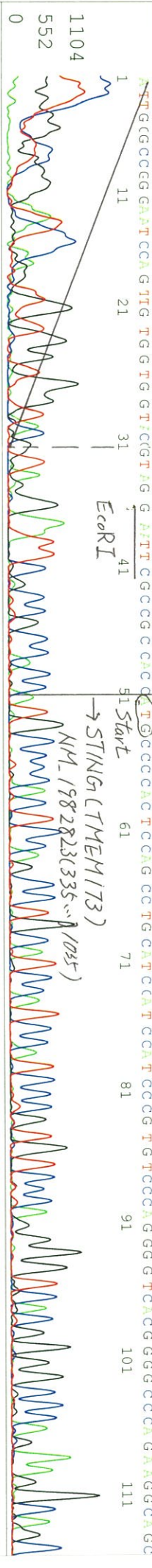
primer name A : PBABE5'

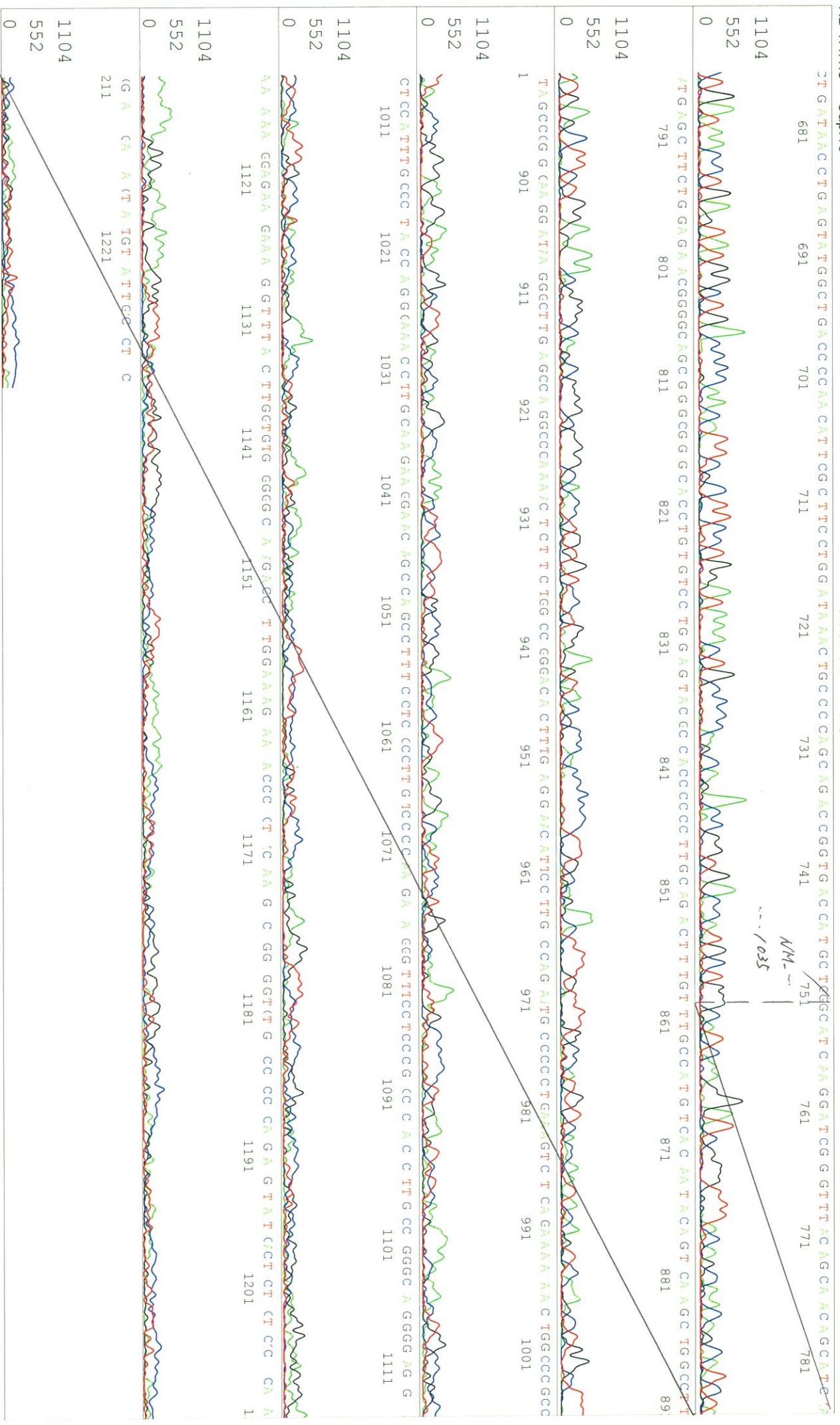
5-CTTATCCAGCCCTCAC-3'

EcoRI

→ STING (THEM173)

NM_198282.3(335..1035)





S/N G:119 A:99 T:87 C:101

primer name B : PuroR-rev

KB_bcp

Nov 22, 2016 10:15AM, JST

KB 1.4.1.8 Cap:5

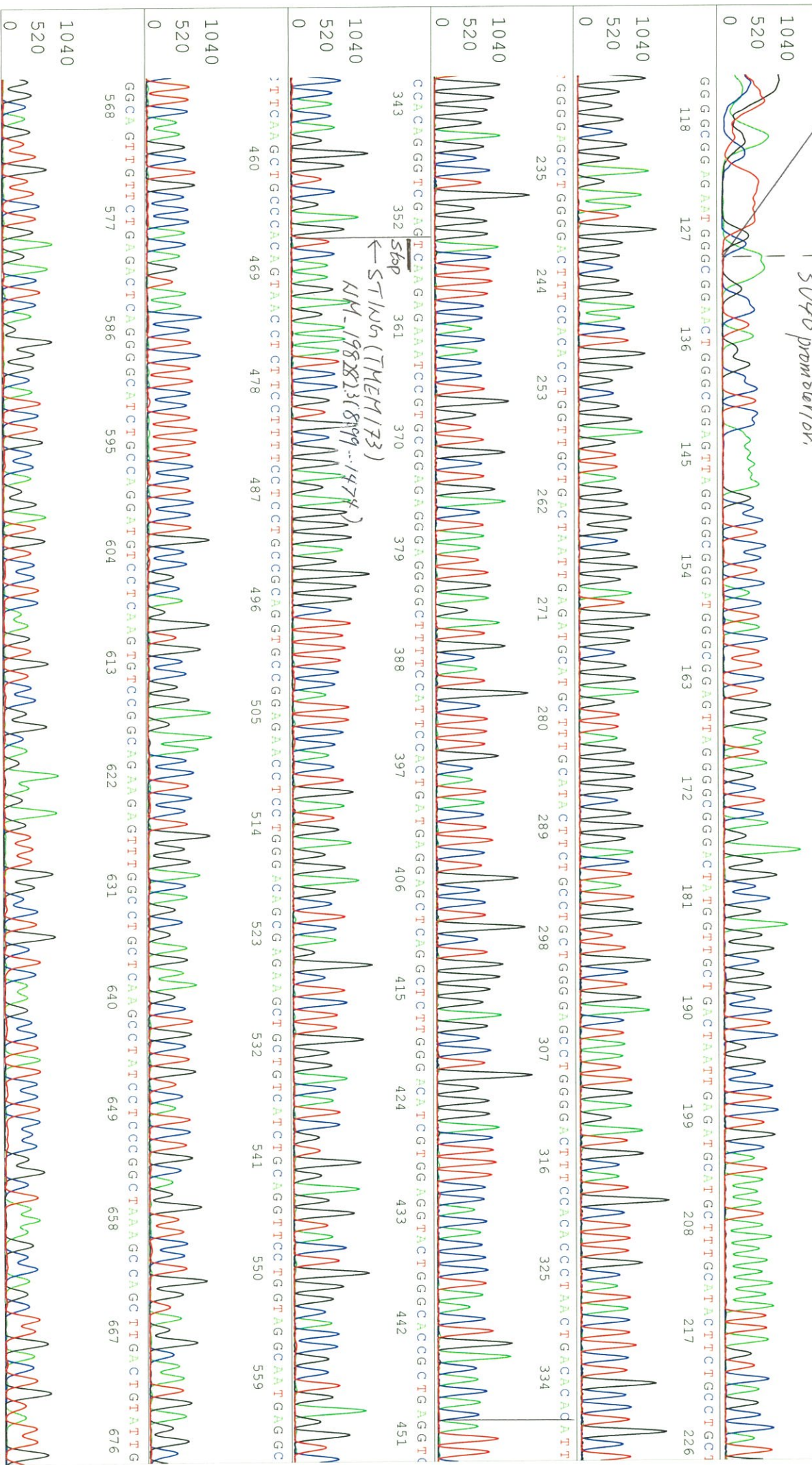
5- AGCGCACCGTGGCTGTA-3'

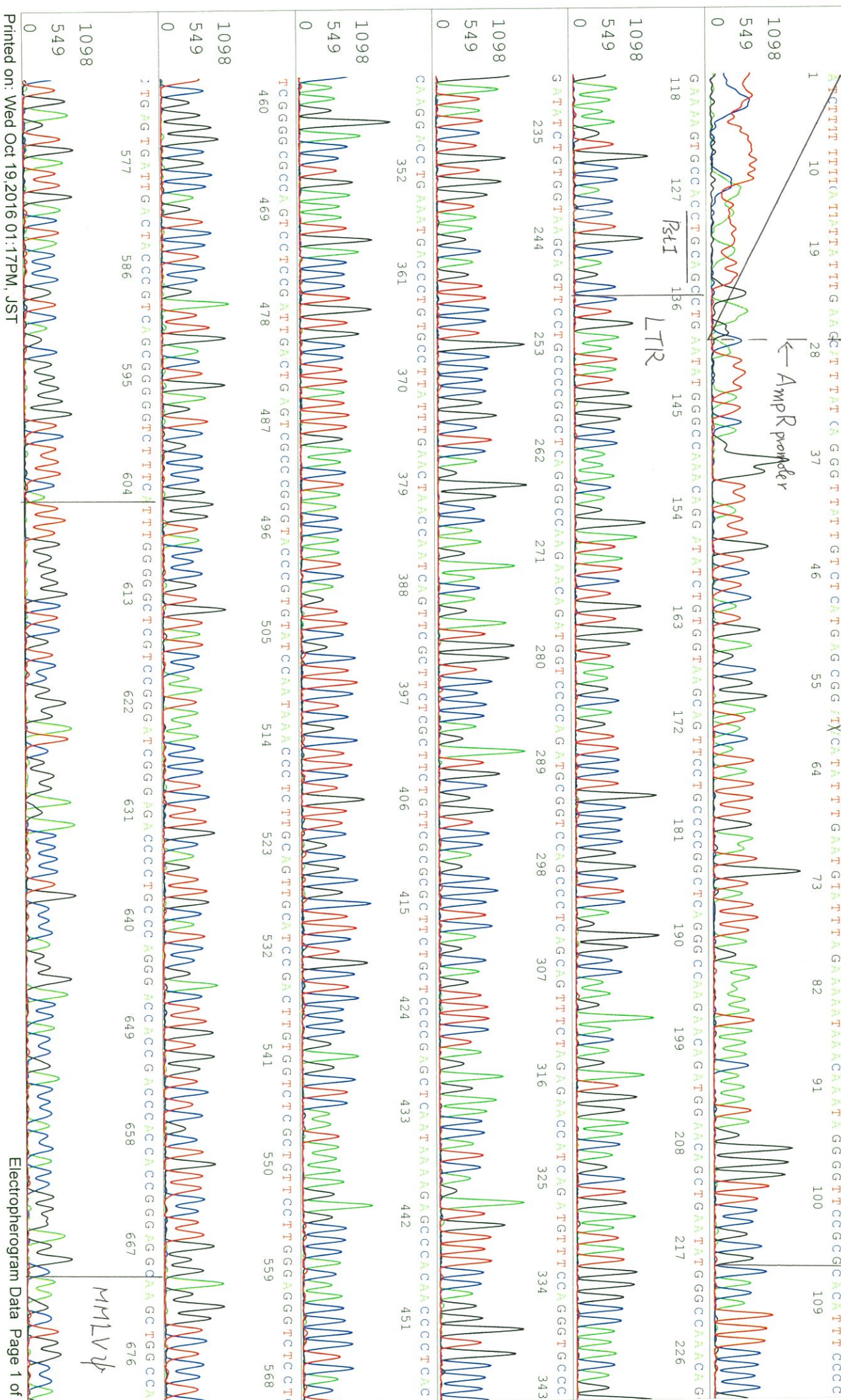
KB_3500_POP7_BDTV3.mob

Nov 22, 2016 10:41AM, JST

Pts 1405 to 13720 Pk1 Loc:1382 Version 6.0 HISQV Bases: 1020

SV40 promoter





S/N G:12 A:10 T:12 C:16

D03866A5_A6J7_1_Amp_R

Oct 19, 2016 10:33AM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Oct 19, 2016 11:14AM, JST

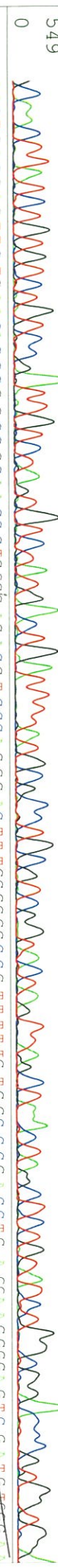
KB 1.4.1.8 Cap:15

Pis 1506 to 12965 Pk1 Loc:1483

Spacing:1.44 Pts/Panel1350

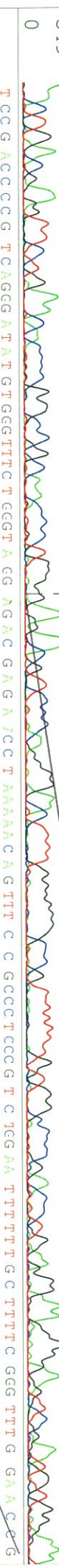
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685 694 703 712 721 730 739 748 757 766 775 784



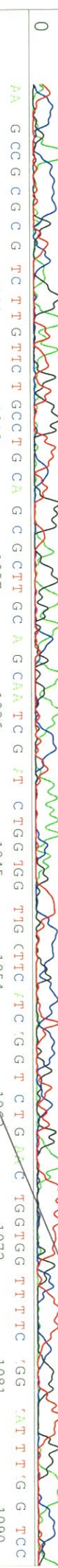
A A C T G A C G A G T T C T G A A C A C C C G G C C G C A A C C C T G G G G A G A C G T C C C C A G G G A C T T T G G G G G C C G T T T T G T G G C C C G A C C T G A G A A G G G G A G T C G A T C T G G A A

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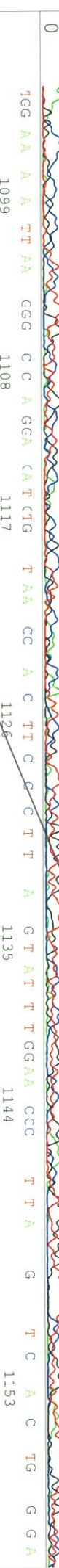
T C C G A C C C G T C A G C G A T A T G T G G G T T T C T E G G T A G G A G A C G A G A / C C T A A A A A C A G T T T C C G C C C C T C C C G T C T G G A A T T T T T T G C T T T T C G G G T T T G G A A C C G

901 910 919 928 937 946 955 964 973 982 991



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

1000 1009 1018 1027 1036 1045 1054 1063 1072 1081 1090



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

1099 1108 1117 1126 1135 1144 1153



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

1162 1171 1180 1189

SN G:86 A:58 T:47 C:105

primer name D : SV40pro_F_V2

KB_3500_POP7_BDTv3.mob

Oct 19,2016 12:51PM, JST

KB.bcp

5'-TCGGCCTTGAGCTATTG-3'

Pls 1462 to 12568 PK1 Loc:1439

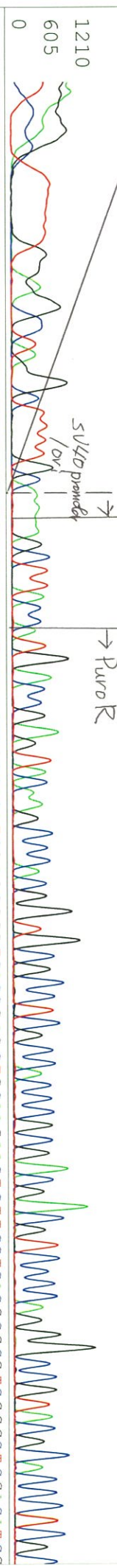
Oct 19,2016 01:18PM, JST

KB 1.4.1.8 Cap:14

Version 6.0 HiSQV Bases: 971

Spacing:1.1.23 Pts/Panel1350

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118 J C G C C G C G T T C G C C G A C T A C C C C G C A C G C C C A C A C C G T C G A T C C G G A C C G C A C A T C G A G C G G G T C A C C G A G C T G C A A G A A C T C T T C C T C A C G C G C G T C G G G C T C G A C A T C G

1210 605 0 G C A A G G T G T G G T G G C C G G A C G A C G A C G G C G C C C G G G T G G C G G T C T G A A C C A C G C C G A G A G C T C G A A G C G G G G C G C G G T T C G C C G A G A T C G G C C C G C A T G G C C G A T T G A G C

26 235 244 253 262 271 280 289 298 307 316 325 334 G G T C C C C G G C T G G C C C G C C A G C A A C A G A T G G A A G G C C T C C T G G C C A C C G T C G G C T C T G G C C C G C C G A C C A C C A G G G C A A G

343 352 361 370 379 388 397 406 415 424 433 442 451 G G T C T G G G C A G C C C G T C G T C C C C G G A G T G G A A G G C C T C C T G G C C C C A C C G G C G T G G T C C T G G C C A C C G T C G G C T C T G C C C G A C C A C C A G G G C T C G

460 469 478 487 496 505 514 523 532 541 550 559 G G T C T G G G C A G C C C G T C G T C C C C G G A G T G G A G G C G G C C G A G C C G C C G G G T G C C G C C C C G A A C C T C C C C T T C T A C G A G C G G C T C G

568 577 586 595 604 613 622 631 640 649 658 667 G C T T C A C C G T C A C C C C C G A C G T C G A G G T G C C C G A A G G A G C C C G C A C C T G G T G A A C C C C C C C C C A C C G A C C C G C A G C C C G A C C G A



S/N G:86 A:58 T:47 C:105

D03866A5_A6J7_1_SV40pro_F_V2

Oct 19, 2016 12:51PM, JST

KB:bcpr

KB_3500_POP7_BDTV3.mob

Oct 19, 2016 01:18PM, JST

KB 1.4.1.8 Cap:14

Pts 1462 to 12568 Pk1 Loc: 1439

Spacing: 1.1.23 Pts/Panel1350

Version 6.0 HiSQV Bases: 971

Plate Name: 20161019 kitaku

