

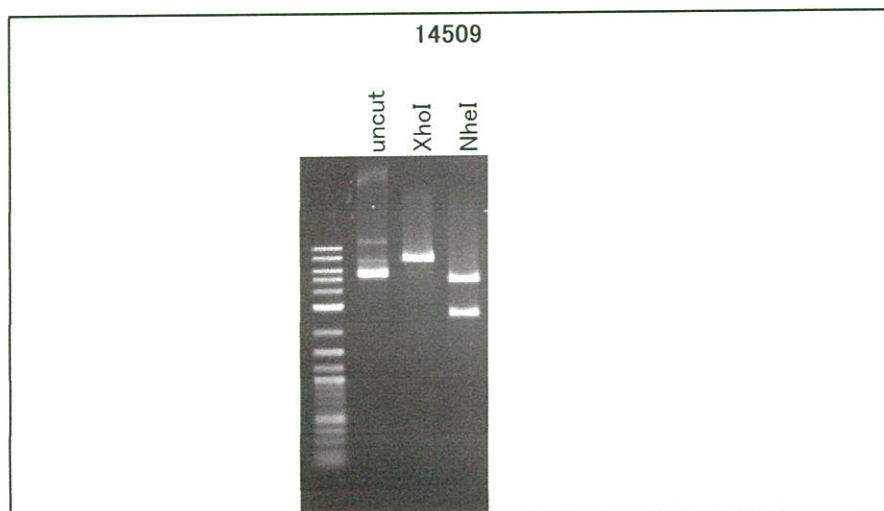
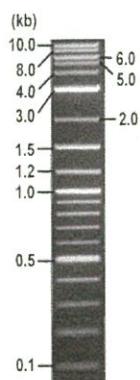


RIKEN DNA BANK

clone name : pMXs-IRES-mCherry_IgG1

- Clone ID : RDB _ 14509
- Lot : 14509 _ A6Le
- 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),
125 ng/well



Electrophoresis : 100 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

| Restriction enzyme | Expected size of fragment | |
|--------------------|---------------------------|-----------------------|
| <u>XhoI</u> | <u>7.5</u> | <u>7.5</u> kbp |
| <u>NheI</u> | <u>4.9, 2.6</u> | <u>4.9, 2.6</u> kbp |
| | | <u> </u> kbp |
| | | <u> </u> kbp |
| | | <u> </u> kbp |

● Confirmation of the insertion sequence

| Sequence name | Primer name | Sequence name | Primer name |
|---------------|-------------|---------------|-------------------------|
| Sequence - A | pBABE5' | Sequence - E | SV40pA3'element Reverse |
| Sequence - B | IRES-R | Sequence - F | - |
| Sequence - C | IRES-F | Sequence - G | - |
| Sequence - D | Amp_R | Sequence - H | - |

APPROVED BY :



S/N G:214 A:223 T:159 C:231

KB.bcp

KB 1.4.1.8 Cap:13

D04073A9_A6Le_1_pBABES'_E01_13_AB124

D04073A9_A6Le_1_pBABES'

KB_3500_POP7_BDTv3.mob

Pts 1502 to 13707 Pk1 Loc:1479

Version 6.0 HISQV Bases: 1003

Inst Model/Name 3500/3500 Instrument

Jan 25, 2017 09:37AM, JST

Jan 25, 2017 10:09AM, JST

Spacing:12.13 Pts/Panel1350

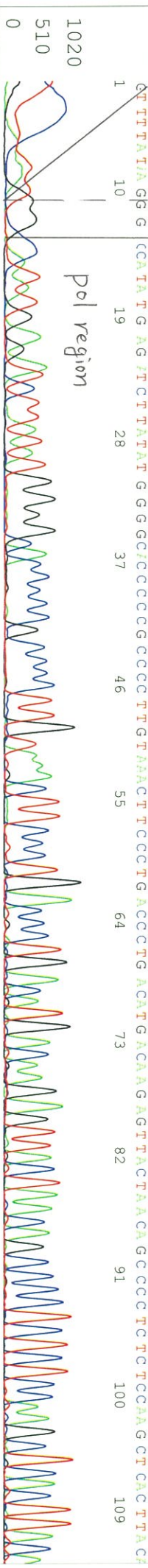
Plate Name: 20170125 kitaku

primer name A : pBABES'

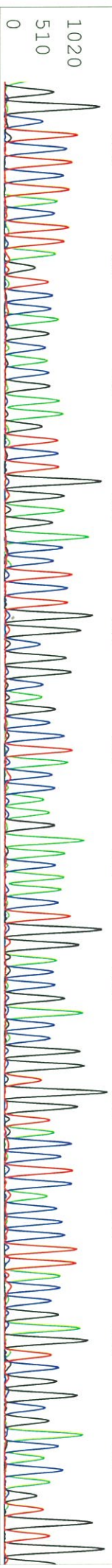
5'-CTTATCCAGCCCTCAC-3'

Pol region

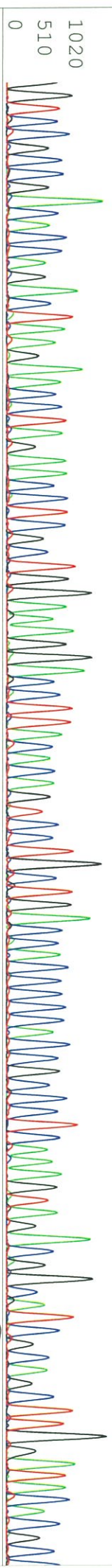
1 10 19 28 37 46 55 64 73 82 91 100 109



118 127 136 145 154 163 172 181 190 199 208 217



226 235 244 253 262 271 280 289 298 307 316 325 334

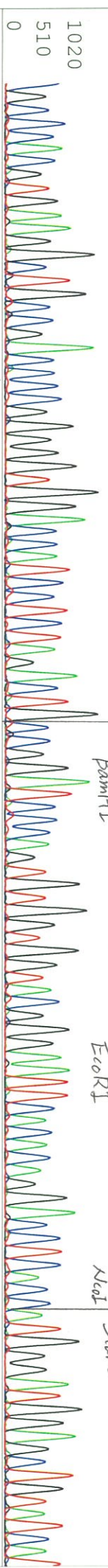


343 352 361 370 379 388 397 406 415 424 433 442 451

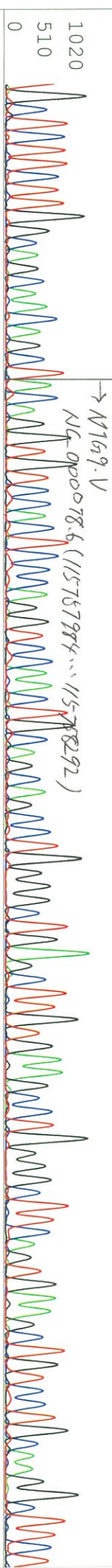
BamHI

EcoRI

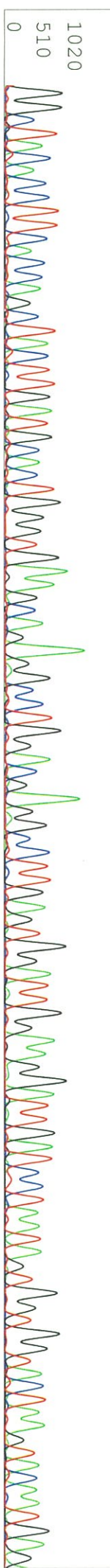
Start



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



568 577 586 595 604 613 622 631 640 649 658 667 6



Jan 25, 2017 09:37AM, JST
Jan 25, 2017 10:09AM, JST

Spacing: 12.13 Pts/Panel 1350

Plate Name: 20170125 kitaku



Jan 25, 2017 09:37AM, JST
Jan 25, 2017 10:09AM, JST
Spacing: 12.11 Pts/Panel 1350

Plate Name: 20170125 kitaku

D04073A9_A6Le_1_IRES-F

KB_3500_POP7_BDTV3.mob
Pts 1556 to 13239 Pk1 Loc:1533

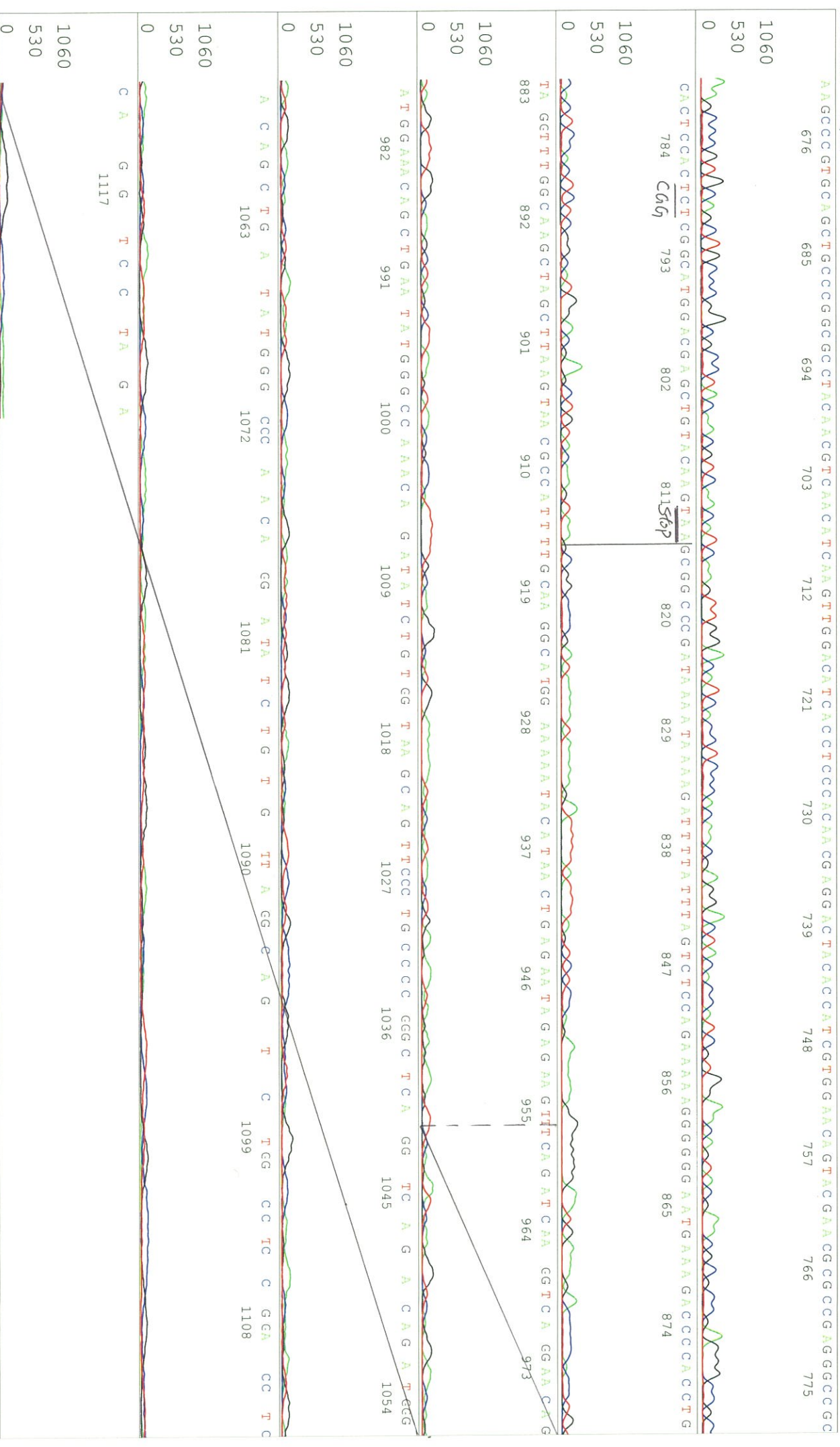
Version 6.0 HiSQV Bases: 998



Dec 22, 2016 03:11PM, JST

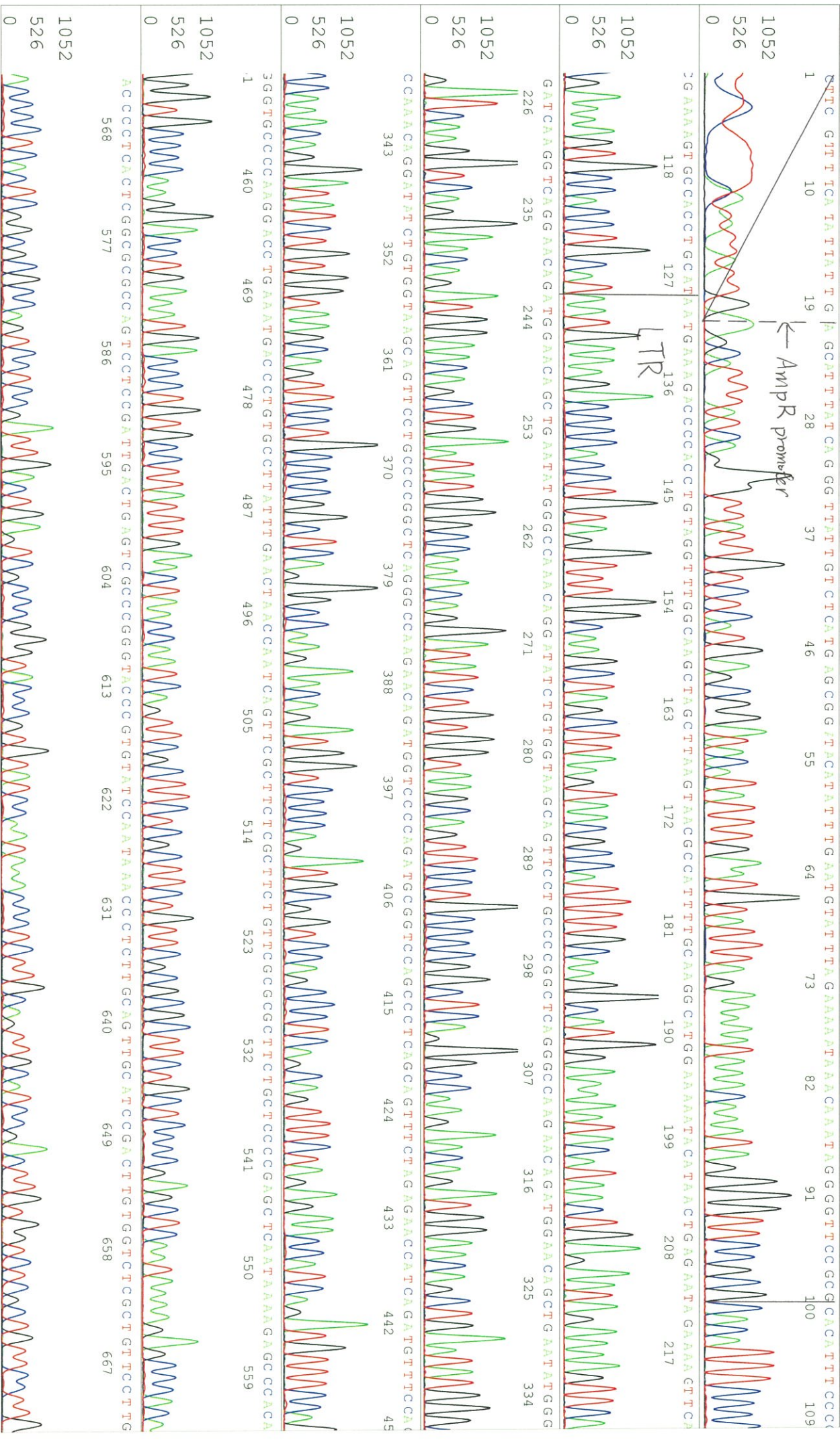
Spacing: 11.67 Pts/Panel 1350

Plate Name: 20161222 kitaku



Dec 22, 2016 03:11PM, JST

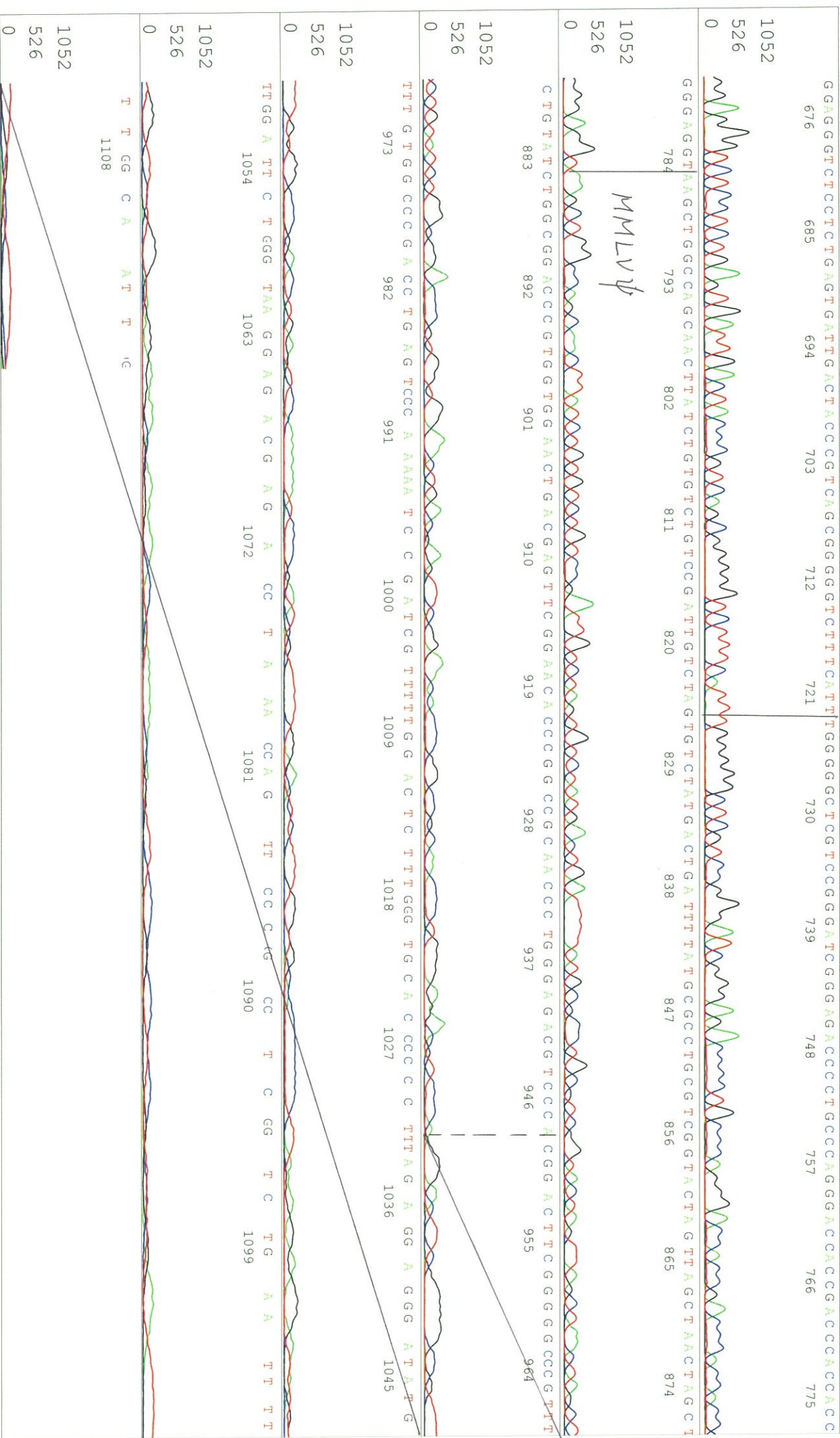
Plate Name: 20161222 kitaku /



Dec 22, 2016 02:44PM, JST
Dec 22, 2016 03:11PM, JST

pacing:11.73 Pts/Panel1350

Plate Name: 20161222 kitaku



Dec 22, 2016 03:11PM, JST
Spacina:11 65 Pts/Panel1350

Plate Name: 20161222 kitaku



CGGGGCAAGAACTGCTTACCAAGATATCCTGTTTGCCCAATATTCAGCTGTCCATCTGTTCTTGCCCTGAGCCGGGGCAGGAACCTGCTTACCAAGATATCCT
676 685 694 703 712 721 730 739 748 757 766 775

