

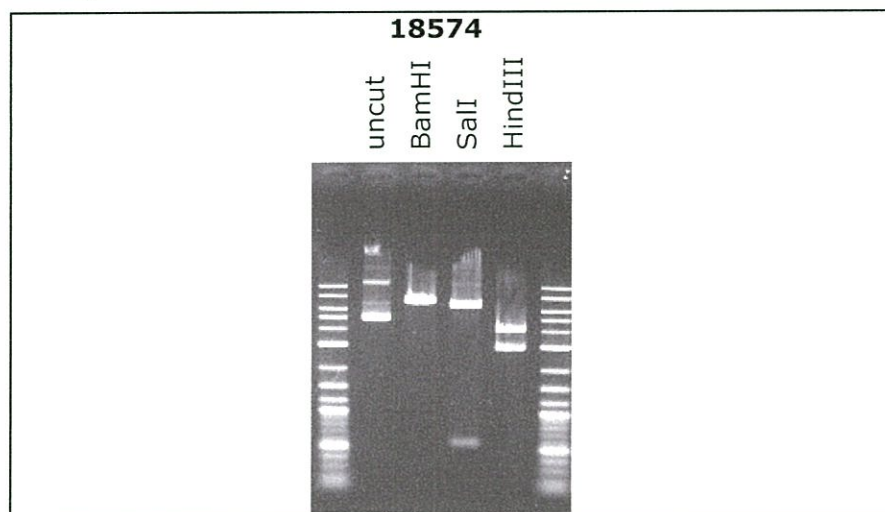
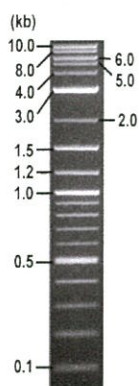


RIKEN DNA BANK

clone name : pSFL68 pRS314-GPDp-Erg6-V5-GFP11

- Clone ID : RDB_18574
- Lot : 18574_B0J5
- 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
BamHI	6.9 kbp
SalI	6.4, 0.5 kbp
HindIII	4.0, 2.9 kbp
	kbp

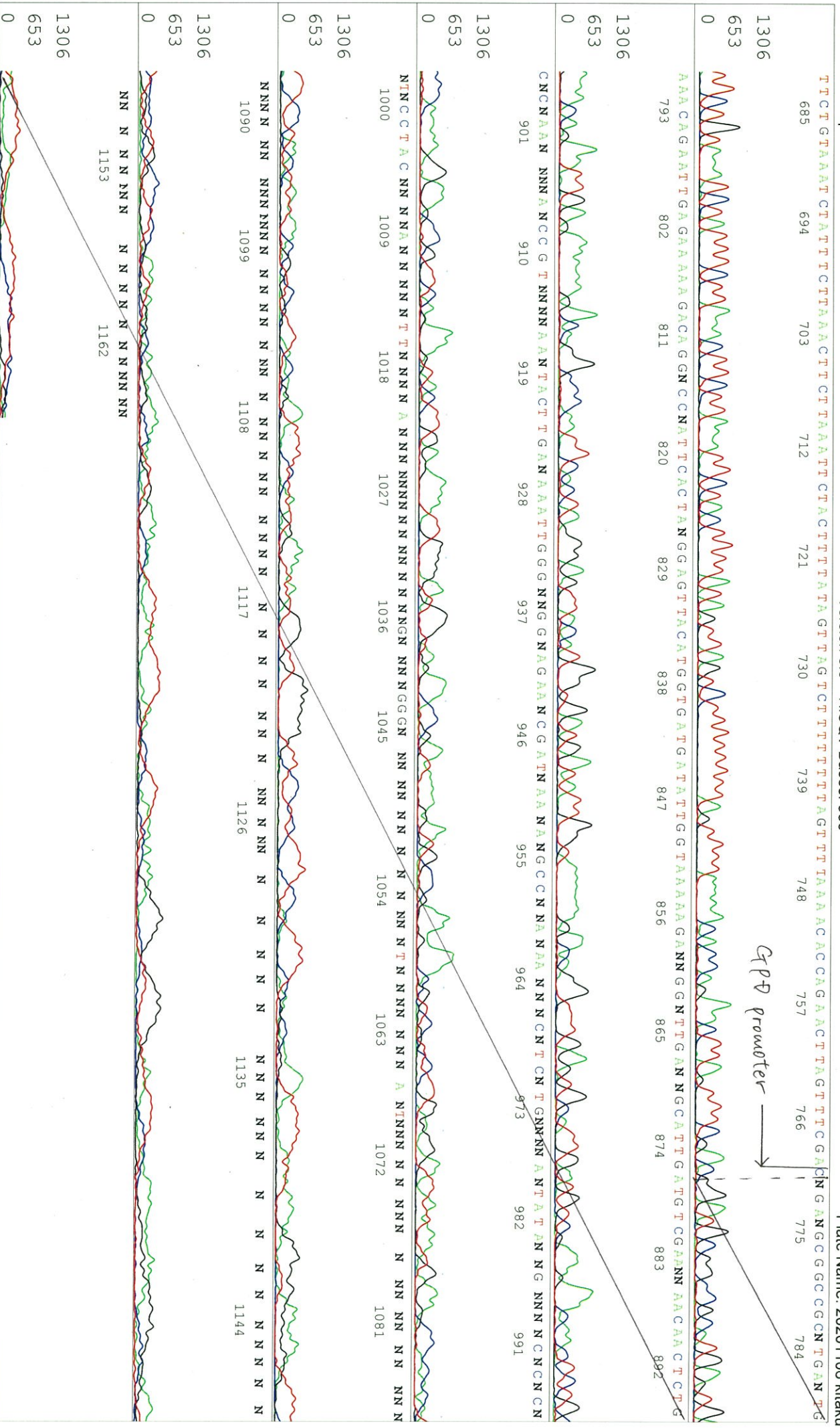
● Confirmation of the insertion sequence

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

Sequence name	Primer ID	Primer name	Confirmed feature
Sequence - A	Pr0800	HB-NOS_R	T7 pro, insert 5' (GPD pro)
Sequence - B	Pr0108	SV40pA3'Element Reverse	T3 pro, insert 3' (CYC1 ter, V5-GFP11 3')
Sequence - C	Pr0171	TRP1pro_F	TRP1
Sequence - D	Pr0022	CYC1ter_R	insert mid (CYC1 ter, V5-GFP11, Erg6 3')
Sequence - E	Pr0431	TDH3pro_F	insert mid (GPD pro, Erg6 5')
Sequence - F	Pr0008	Amp_R	AmpR pro, CEN_ARS
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :





S/N G:210 A:181 T:135 C:102

primer name C : TRP1pro_F

D07393A8_B0J5_3_TRP1pro_F
KB_3500_POP7_BDTv3.mob
Pfs 1397 to 13139 Pk1 Loc:1374

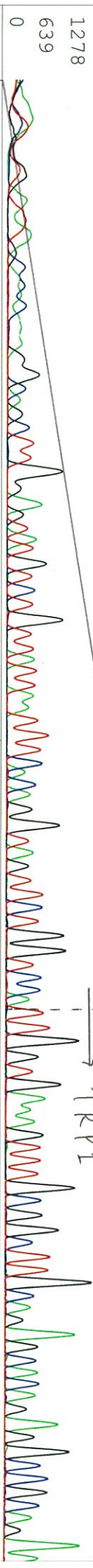
Nov 06, 2020 02:45PM, JST
Nov 06, 2020 03:12PM, JST
Spacing:11.74 Pfs/Panel1350

KB 1.4.1.8 Cap:9 5'-AGGGCATTGGTACTATTGAG-3'

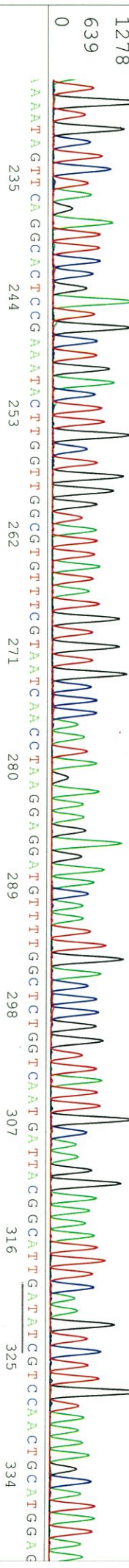
Version 6.0 HiSQV Bases: 968

Plate Name: 20201106 Kitaku

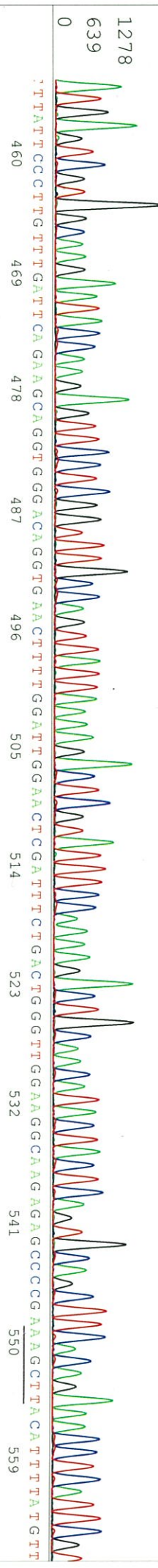
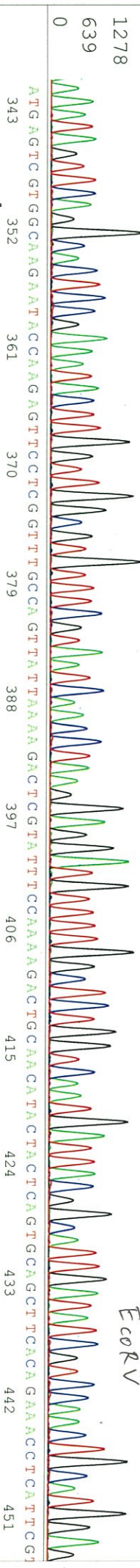
1 10 19 28 37 46 55 64 73 82 91 100 109



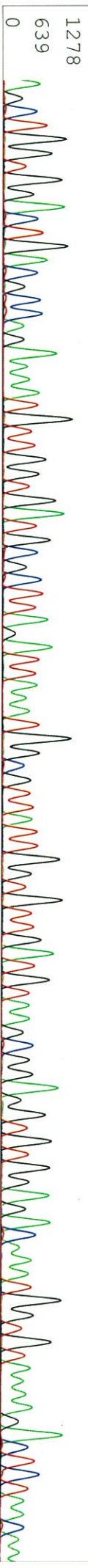
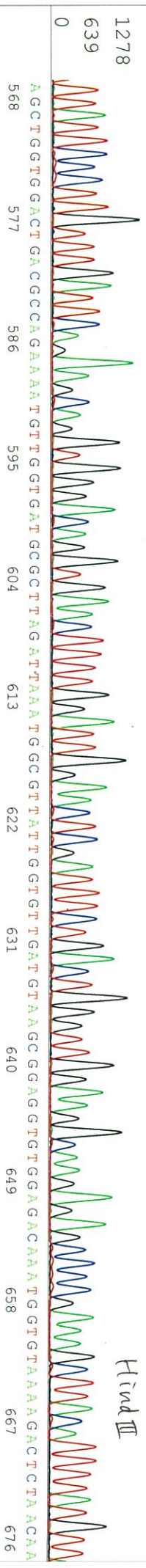
XbaI



EcoRV



HindIII



S/N G:67 A:64 T:56 C:42

primer name E : TDH3pro_F

Nov 06, 2020 02:45PM, JST

Nov 06, 2020 03:12PM, JST

KB.bcp

5'-AAATTATTCCCTACTTGAC-3'

KB_3500_POP7_BDTv3.mob

Nov 06, 2020 03:12PM, JST

KB 1.4.1.8 Cap:12

Version 6.0 HiSQV Bases: 957

Pls 1388 to 13055 Pk1 Loc:1365

Spacing:11.66 Pts/Panel1350

1 NNNN NN N NNNN IN NNN N N NN T GNN TT CN GNAATCTATT TTTCTTAACTTCTTAAATTTCTACTTTTATAGTTAGTCTCTNNNN TTTTAA GTTTTAAAA CACCA GAAC TTA GTTTCCG

0 551 1102

ACGGAT GCGGCCGCATGAGTGAACA GAATTTGA GAAAAAGACA GGCCTCACTAGGAGTTTCATGGTGATGATATTGGTAAAAA GACAGTTTGAAGTGCATGATGTCG

118 121 136 145 154 163 172 181 190 199 208 217 224

NotI EcoRI

1102 551 0

AAGAACA CTCTGCCAAAAGGAAAGCCGTT CAGAACTACTTGAGAAATTGGGATGGTGA GAACCGATAA GATGCCGAA GACGTCCTTGAGGATTATAA TGAAGCCACACATTT

5 235 244 253 262 271 280 289 298 307 316 325 334

CCTACTATTAACGTCGTTACAGATTTCTATGAATATGGTTGGGTTCCCTTCCATTTCA GCA GATTTTATAA GGTGA GAGTTTCCGTCGCCCTGATAGCAAGACATGAAACATTT

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

1102 551 0

TATTAGCTTACAAAGGCTGGTATTCAAA GAGCGATTTA GTTCTCGACGTTGGTTGTG GTTGGGGCCCA GCAAGA GATTGCCAAGATTTACC GGTTGTAACGTCATCG

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

3TCTAAACAATTAACGATTAACCAATTTGCCAAGGCCAAAATTAATTAACGC TAAAAAATA CAATTTGA GTGACCAAAATGGACTTTGTA AAAGGGT GATTTCA TGA AATGGATTTCG

568 577 586 595 604 613 622 631 640 649 658 667 676

1102 551 0

0 551 1102

GPD promoter

ApaI

S/N G:67 A:64 T:56 C:42

D07393A8_B0J5_3_TDH3pro_F
KB_3500_POP7_BDTV3.mob

Nov 06, 2020 02:45PM, JST

KB.bcp

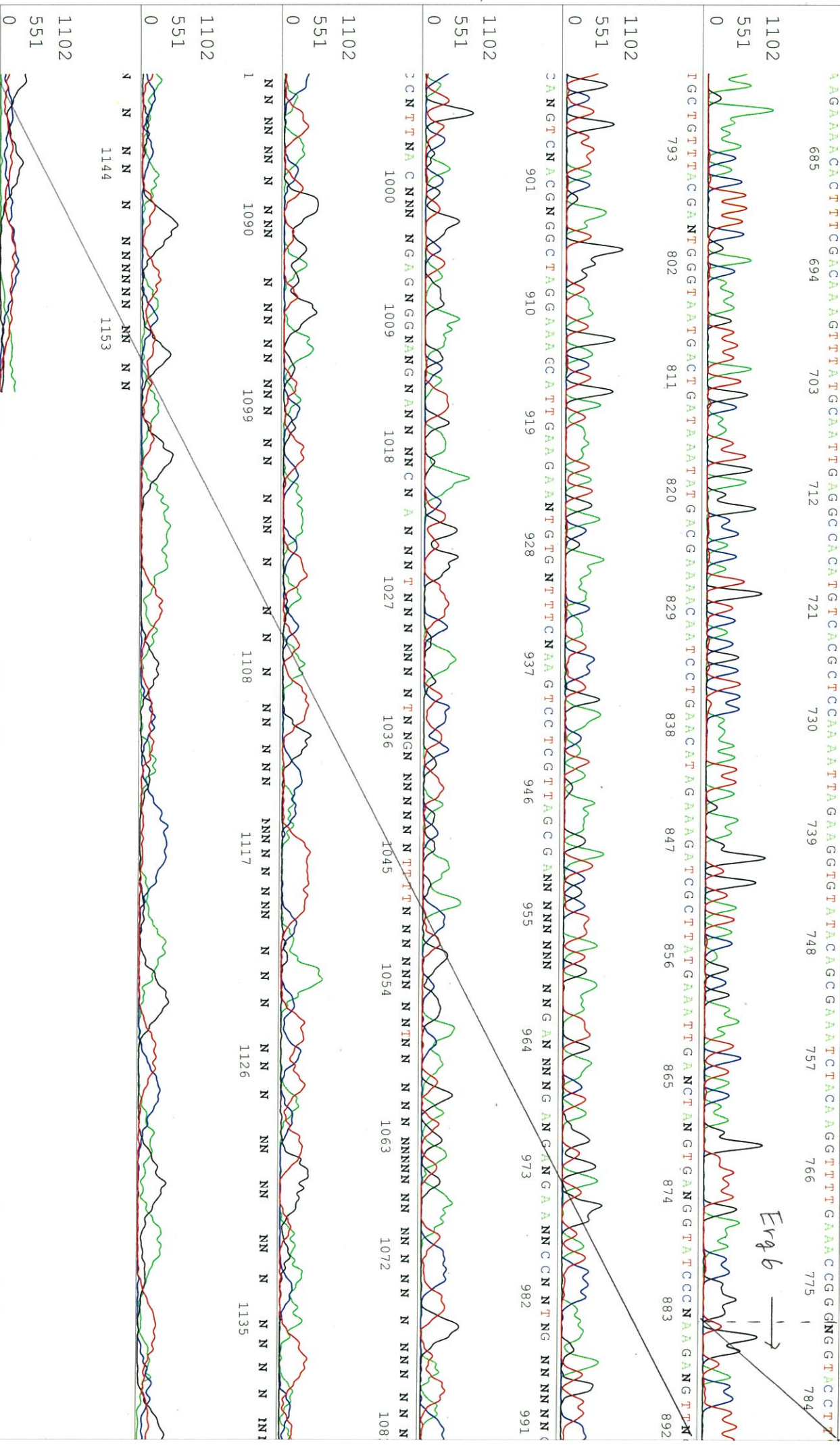
Pts 1388 to 13055 Pk1 Loc:1365

Nov 06, 2020 03:12PM, JST

KB 1.4.18 Cap:12

Version 6.0 HiSQV Bases: 957

Spacing: 11.66 Pts/Panel1350
Plate Name: 20201106 Kitaku



S/N G:141 A:164 T:133 C:101

primer name F : Amp_R

KB_3500_POP7_BDTv3.mob

Nov 06,2020 02:45PM, JST

KB.bop

5-GCGCACACGGAAATGTTGAATA-3'

Pts 1386 to 13220 Pk1 Loc:1363

Nov 06,2020 03:12PM, JST

KB 1.4.18 Cap:15

Version 6.0 HISQV Bases: 975

Spacing: 11.72 Pts/Panel1350
Plate Name: 20201106 Kitaku

N NNN NNN NNN IN NNN N N N NNATTTTATTTTGGGGTTATTTGCTCTCATGAGCGGATACATTTTGAATGTAATTTAGAAAAATAACAATAAGGGGTTCCGCGCACTTCC

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

CGAAAAAGTGCACCTGGGGTCCCTTTTCAATCACGGTGCATAAAATAAATAAATTTTAAATTTTAAATTTAAATTTAAATTTAAATTTAAATTTAAATTTAAATTTAAAG

3 118 127 186 145 154 163 172 181 190 199 208 217

AAAAAATA GTTTTGTTCCTCCGAAAGATGTAATAA GACTCTAGGGGATCGCCAAATACTACCCTTTTATCTTGC TCTTCCGCTCTCAGGTATTA TGCCGAATTTGTTCA

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

TTGCTGTGTAGAA GACCACACGAAATCCTGTGATTTTACATTTTACTTTATCGTAA TCGGAATGTATATCTATTTAATCTGC TTTTCTTCTTGTCTAAATAATATATGTA

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

AGTACGCTTTTGTGAAATTTTAAACCTTTGTTTATTTTCTTCACTCCGTAACCTCTCTAACCCTTTTATTACTTTCTTAAATCCCAATACAAAATAAA

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

TAAATTAACA CA GAGTAAATTTCCCAATTTATTTCCATCTTAAAGTTACAGGCAAGCGGATCCGCTTAAGAAACCA TTAATTTATCATGACATTAAC

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

CEN/ARS

Amp R promoter

CEN/ARS

0 636 1272

Printed on: Fri Nov 06,2020 05:06PM, JST

Electropherogram Data Page 1 of 2

