

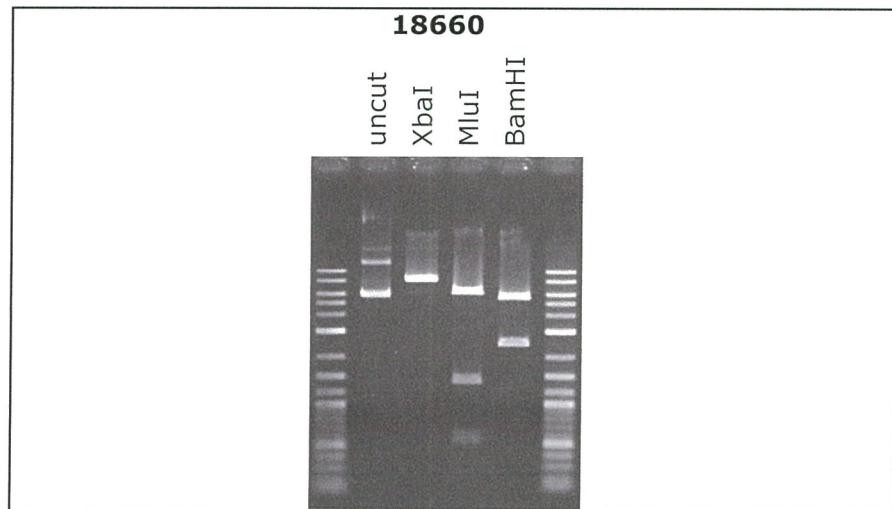
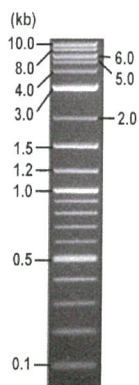


RIKEN DNA BANK

clone name : pYC143 pBS-GPDp-Tom71-GFP1-10-CyC1ter-hphMX

- Clone ID : RDB_ 18660
- Lot : 18660_ B0Ln
- 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
XbaI	8.0 kbp
MluI	6.1, 1.4, 0.5 kbp
BamHI	5.5, 2.5 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	Pr0308	f1ori_F2	f1 ori, T7 pro, GPD pro
Sequence - B	Pr0739	pUC-CAPbs_up_F2	T3 pro, hphMX (TEF pro, HygR)
Sequence - C	Pr0431	TDH3pro_F	GPD pro, TOM71 5'
Sequence - D	Pr0893	paGFP-M_R1	GFP1-10 5', TOM71 3'
Sequence - E	Pr0421	gfp_mf	GFP1-10 3', CYC1 ter
Sequence - F	Pr0304	GFP-C	CYC1 ter, hphMX (HygR)
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :



S/N G:22 A:23 T:16 C:17

primer name A : f1ori_F2

D07536A6_B0Ln_1_f1ori_F2
KB_3500_POP7_BDTV3.mob
Pis 1399 to 13493 Pk1 Loc:1376

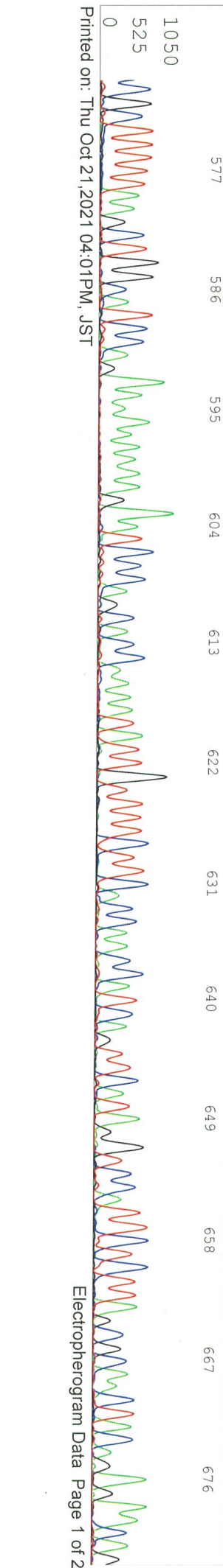
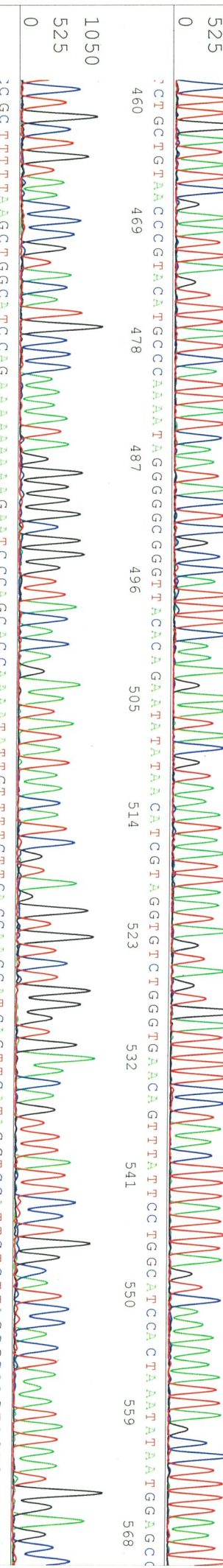
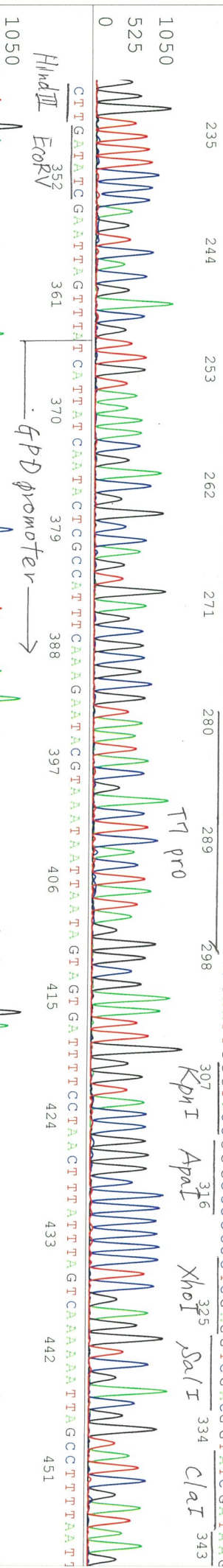
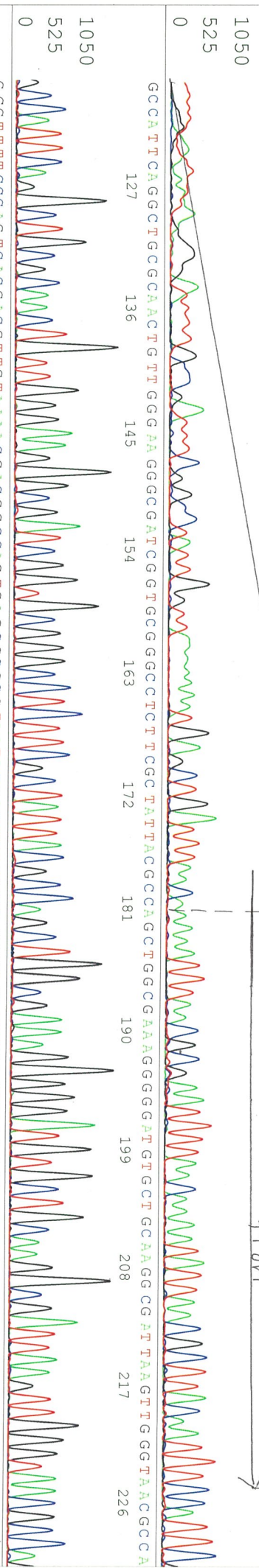
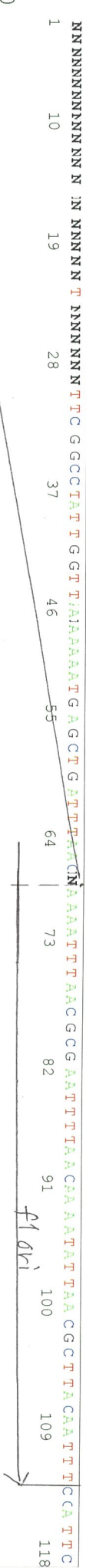
Oct 21, 2021 01:53PM, JST
Oct 21, 2021 02:20PM, JST
Spacing: 11.91 Pts/Panel/350

KB 1.4.1.8 Cap:1

5'-ACAACACTCAACCCTATCTCGG-3'

Version 6.0 HiSQV Bases: 942

Plate Name: 20211021 Kitaku2



S/N G:22 A:23 T:16 C:17

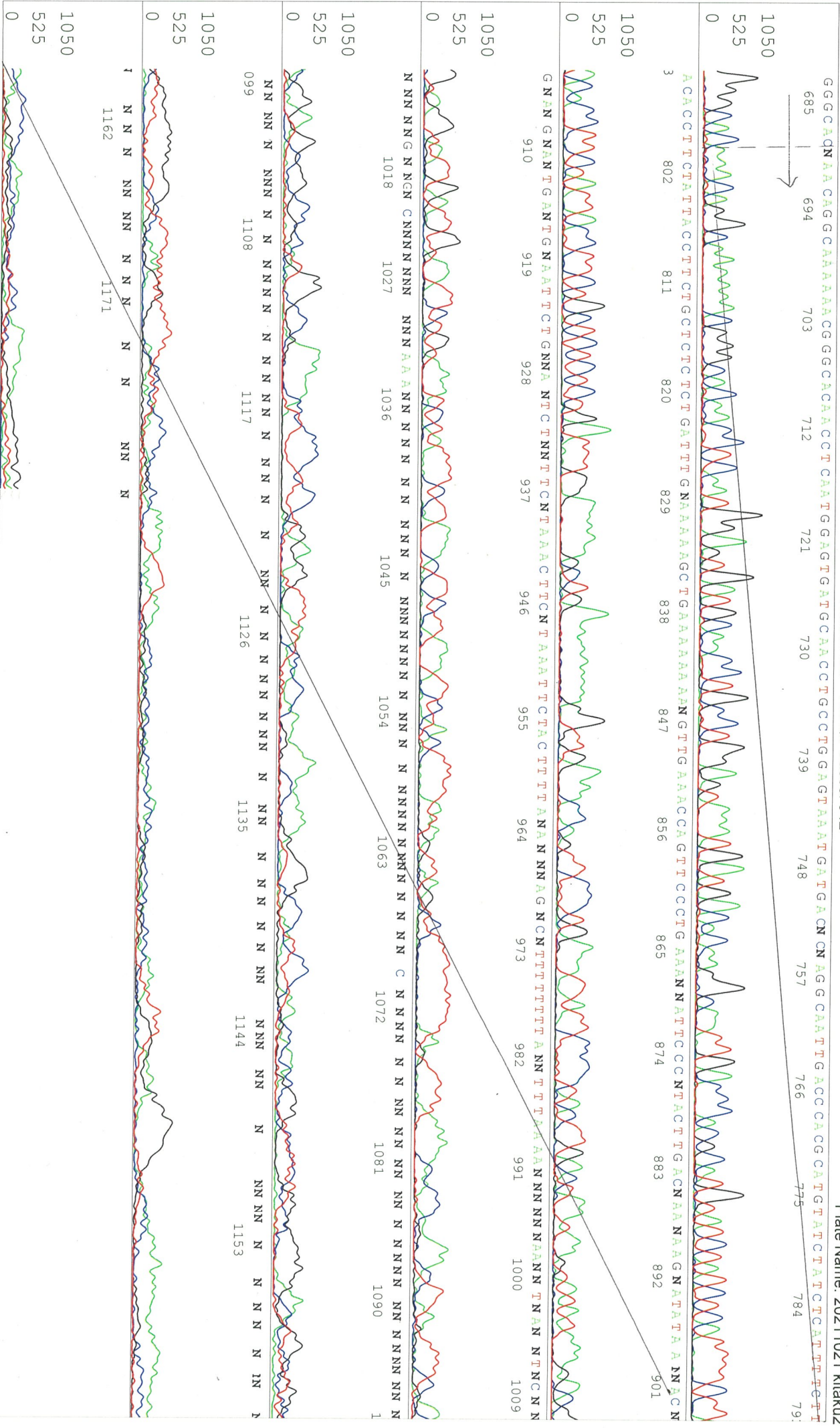
D07536A6_B0Ln_1_f1ori_F2
KB_3500_POP7_BDTV3.mob
Pts 1399 to 13493 Pk1 Loc:1376

Oct 21, 2021 01:53PM, JST
Oct 21, 2021 02:20PM, JST
Spacing: 11.91 Pts/Panel1350
Plate Name: 20211021 Kitaku2

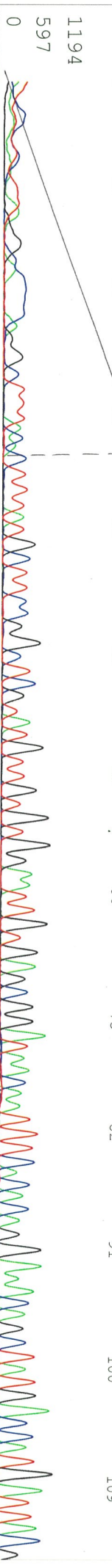
KB.bcp
KB 1.4.1.8 Cap:1

Version 6.0 HiSQV Bases: 942

Plate Name: 20211021 Kitaku2



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



118 127 136 145 154 163 172 181 190 199 208 217 224
;C CAA GCGCGCAATTAACCCCTCACTAAAGGAAACAAAGCTGGAGCTCCACC CGGTGGCGCCGCTCTAGAACCTAGTGATCCAGTCTTGACGTGGCCAGCTCAAGGGGCATG

T₃ pro

Sac I

Not I

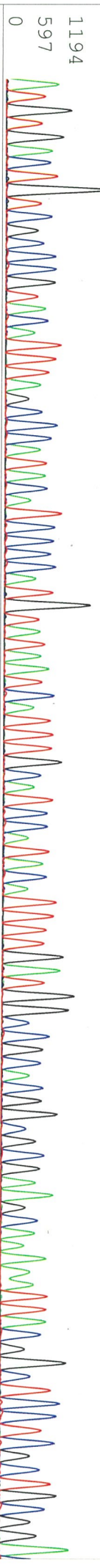
Xba I Spe I

BamH I

hphMX

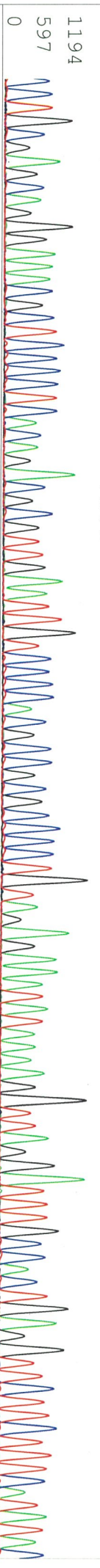
TEF promoter

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



ATGTGACTGTCGCCGTACATTTAGCCCATCATCCCATGTATAATCATTTGCATCCATACATTTTGTATGGCCGCACGGCGCAAGCAAAAATTACGGCTCCCTCGCTGGCGGA

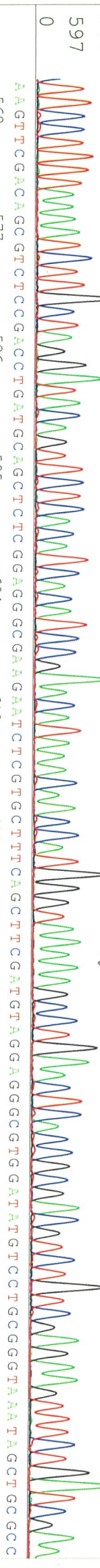
T₃ pro



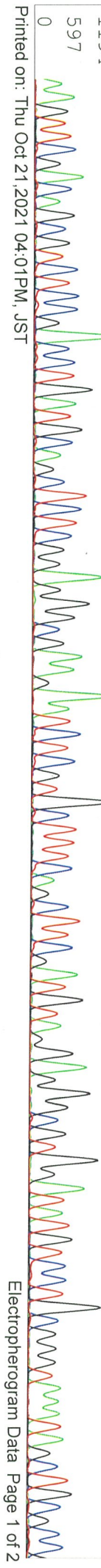
343 352 361 370 379 388 397 406 415 424 433 442 451
CCTGCCAGCAGGAAACCGCTCCCCTCACAACAACGGTGAATTGTCCCAACCGCCGCCCTGTAGAGAAATTAATAAAGGTTAGGATTTGCCACTGAGGTTCTTCTCATATAC

TEF promoter

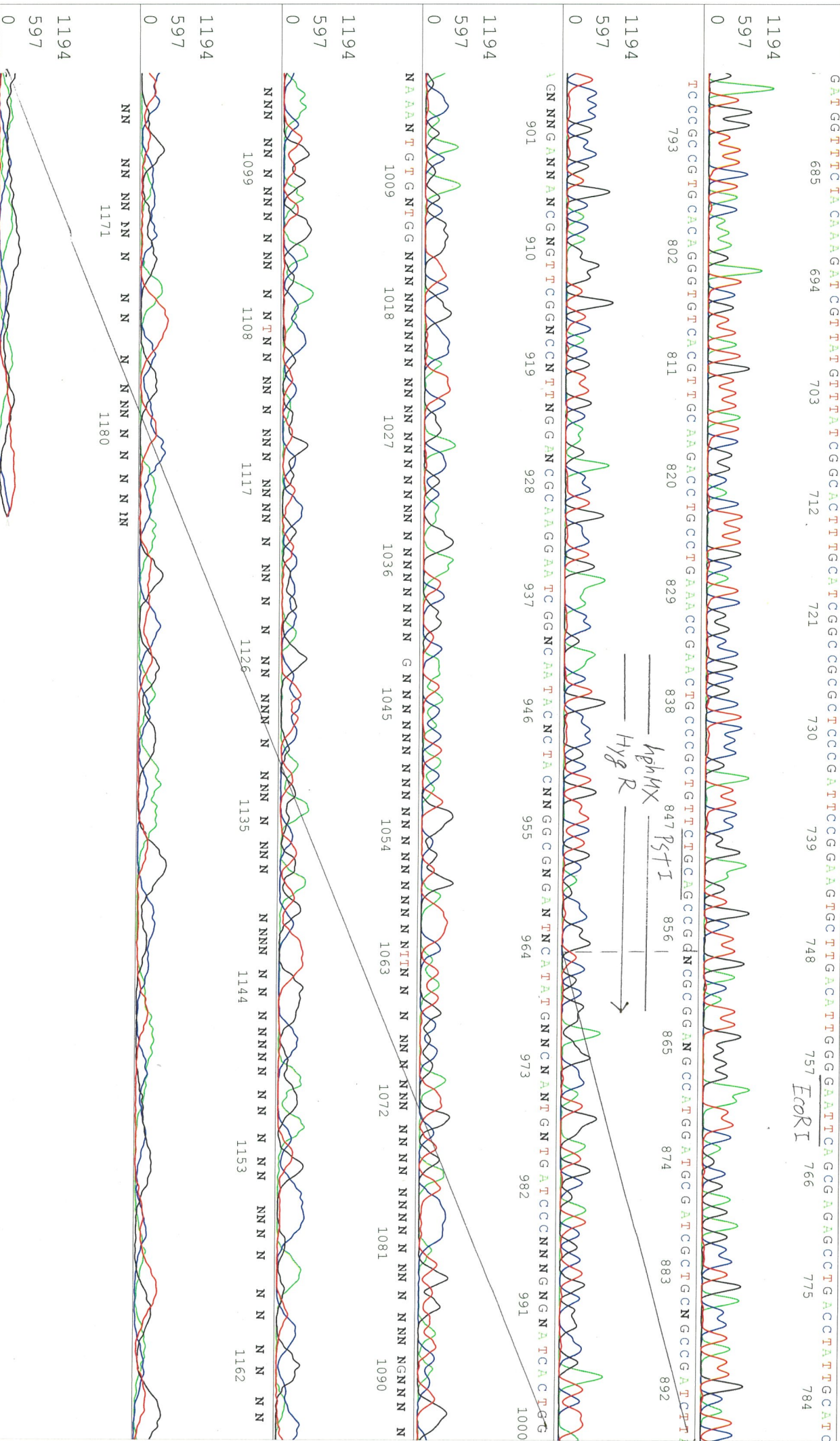
Hyg R



TTCCCTTTAAATCTTGCTAGGATACA GTTCTCACATCA CATCCGAACAATAACAACCAATGGGTAATAAAGCCCTGAACCTCACCGCCGACGCTCTGTGAGAAAGTTTCTGATCGAA



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



S/N G:207 A:271 T:159 C:153

18660_18660_BOLn_1_TDH3pro_F

Jun 02, 2021 03:03PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Jun 02, 2021 03:31PM, JST

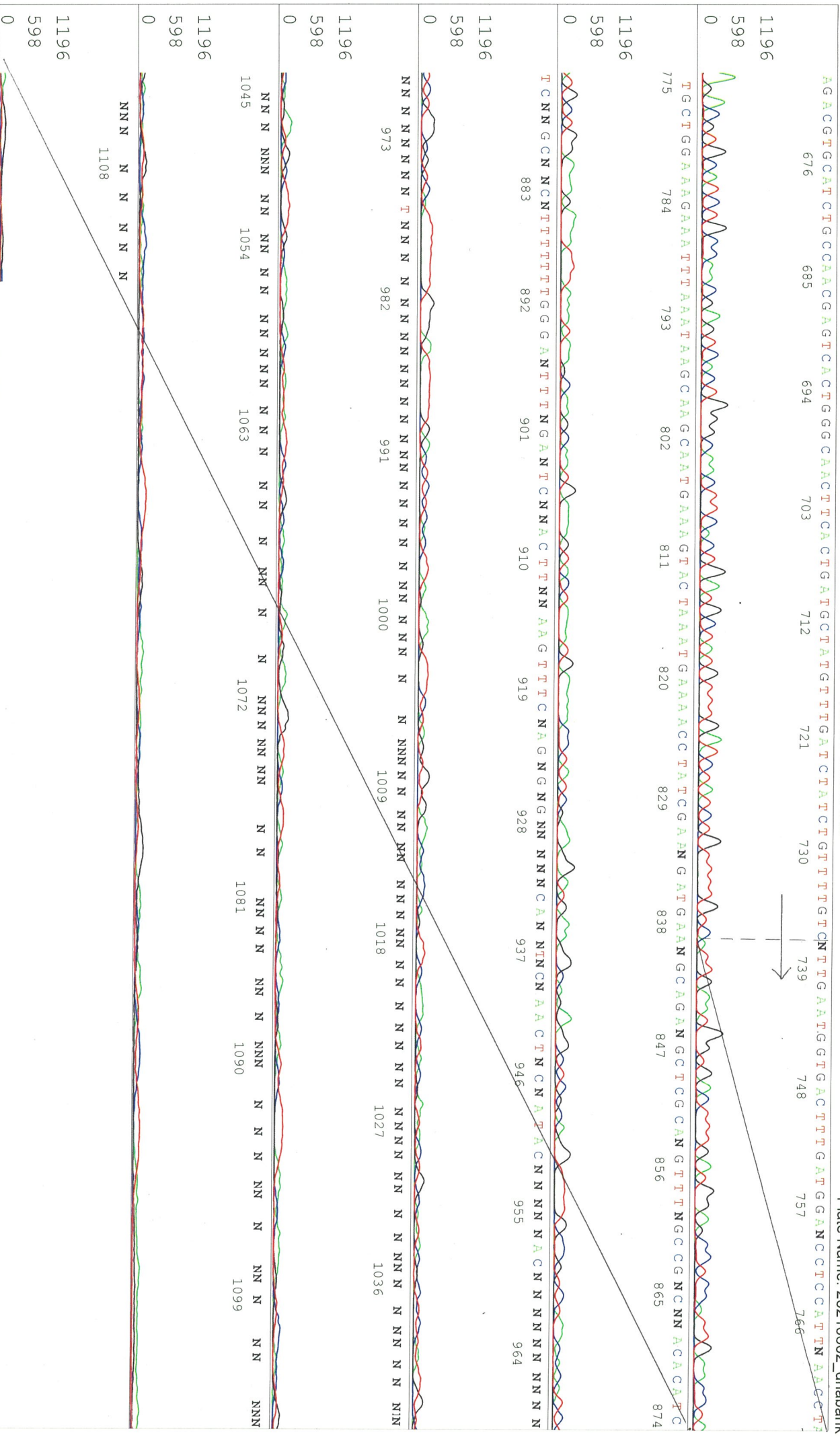
KB 1.4.1.8 Cap:7

Pts 1947 to 13473 Pk1 Loc:1924

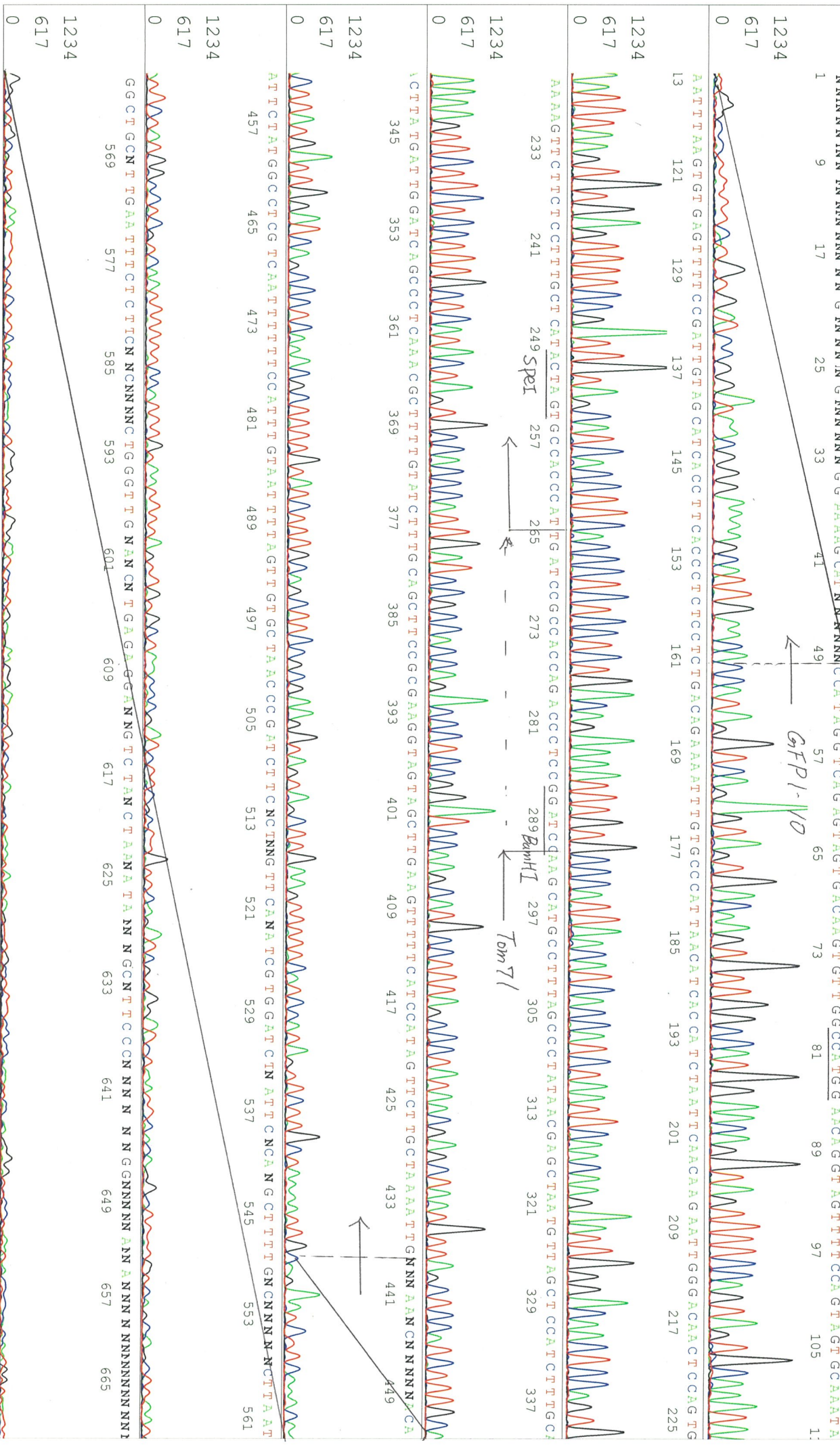
Spacing:11.74 Pts/Panel1350

Version 6.0 HiSQV Bases: 902

Plate Name: 20210602_dhbank



S/N G:18 A:16 T:16 C:14 primer name D : pagFP-M_R1
KB.bop 5'-TAGTGGCTTCTGTACATAACC -3'
KB 1.4.1.8 Cap:5



SN G:57 A:72 T:58 C:50

primer name E : gfp_mf

18660_18660_BOLn_1_gfp_mf

Jun 02,2021 03:03PM, JST

KB.bcp

5-CACTGGAGTGTCCCAATTC-3'

KB_3500_POP7_BDTV3.mob

Jun 02,2021 03:31PM, JST

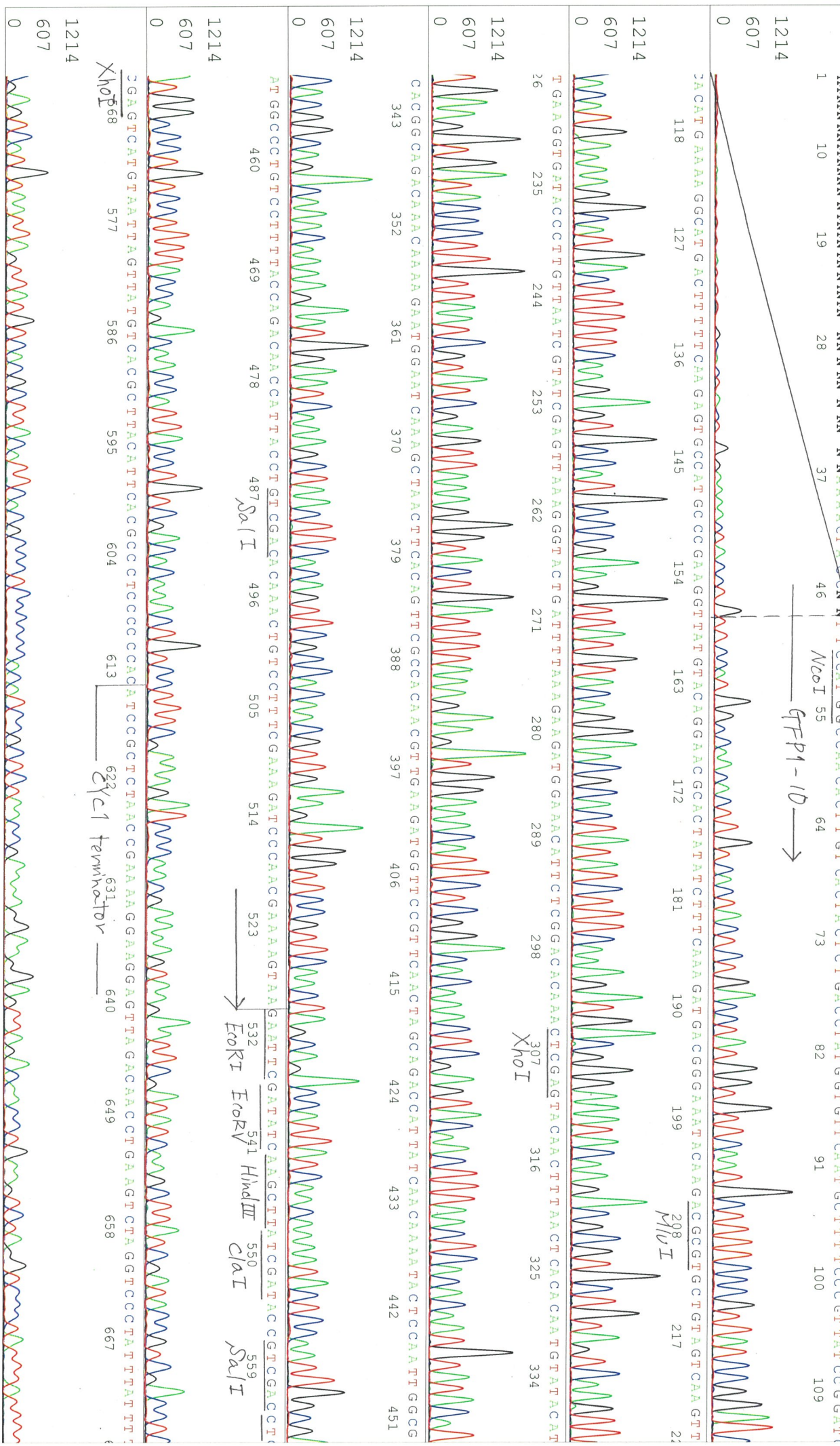
KB 1.4.1.8 Cap:13

Pis 2104 to 13625 PK1 Loc:2081

Spacing:11.87 Pts/Panel1350

Version 6.0 HISQV Bases: 896

Plate Name: 20210602_dhbank



S/N G:57 A:72 T:58 C:50

18660_18660_BOLn_1_gfp_mf

Jun 02, 2021 03:03PM, JST

KB.bcp

KB_3500_POP7_BDTV3.mob

Jun 02, 2021 03:31PM, JST

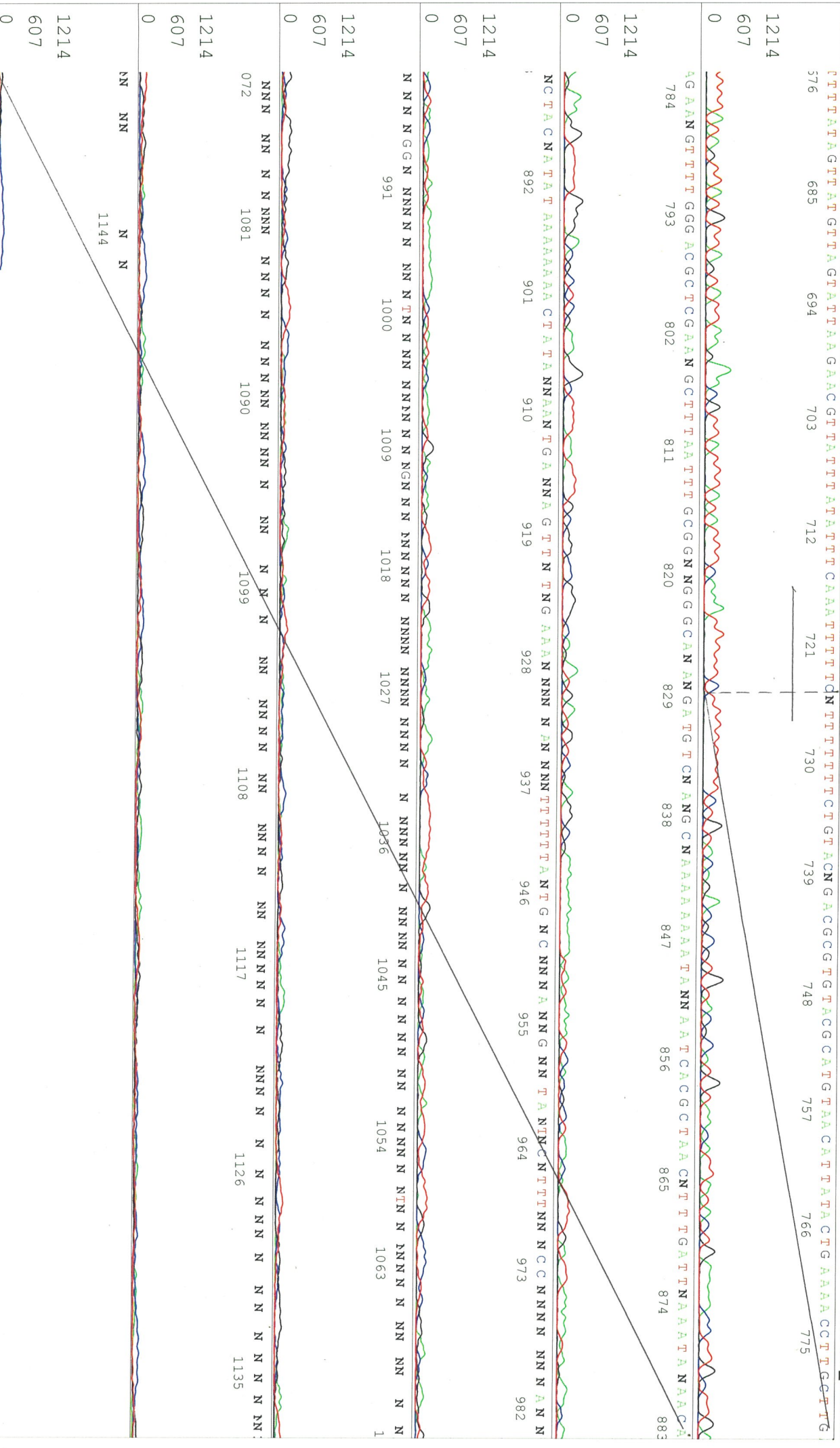
KB 1.4.1.8 Cap:13

Pls 2104 to 13625 PK1 Loc:2081

Spacing:11.87 Pts/Panel1350

Version 6.0 HiSQV Bases: 896

Plate Name: 20210602_dhnaabank



S/N G:98 A:116 T:89 C:85

18660_18660_BOLn_1_GFP-C

Jun 02, 2021 03:03PM, JST

KB.bcp

primer name **F** : GFP-C

KB_3500_POP7_BDTV3.mob

Jun 02, 2021 03:31PM, JST

KB 1.4.1.8 Cap:16

5'-ACTCCAATTGGCGATGGCCCTG-3'

Pts 2081 to 13597 PK1 Loc:2058

Spacing: 11.89 Pts/Panel1350

Version 6.0 HiSQV Bases: 864

Plate Name: 20210602_dhbank

