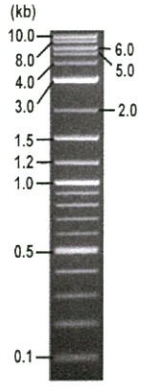
Gene Engineering Division
RIKEN BioResource Research Center

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 :

確認
21.1.19
長谷川

Applied Biosystems

S/N G:39 A:44 T:44 C:29
KB.bcp
KB 1.4.1.8 Cap:3

primer name A : HB-NOS_R
5'-TCTTCGCTATTACGCCAGCT-3'

D07393A8_B0J5_3_HB-NOS_R_A03_03_ABI24
D07393A8_B0J5_3_HB-NOS_R
KB_3500_POP7_BDTv3.mob
Pts 1424 to 13173 Pk1 Loc:1401
Version 6.0 HiSQV Bases: 930

Inst Model/Name 3500/3500 Instrument
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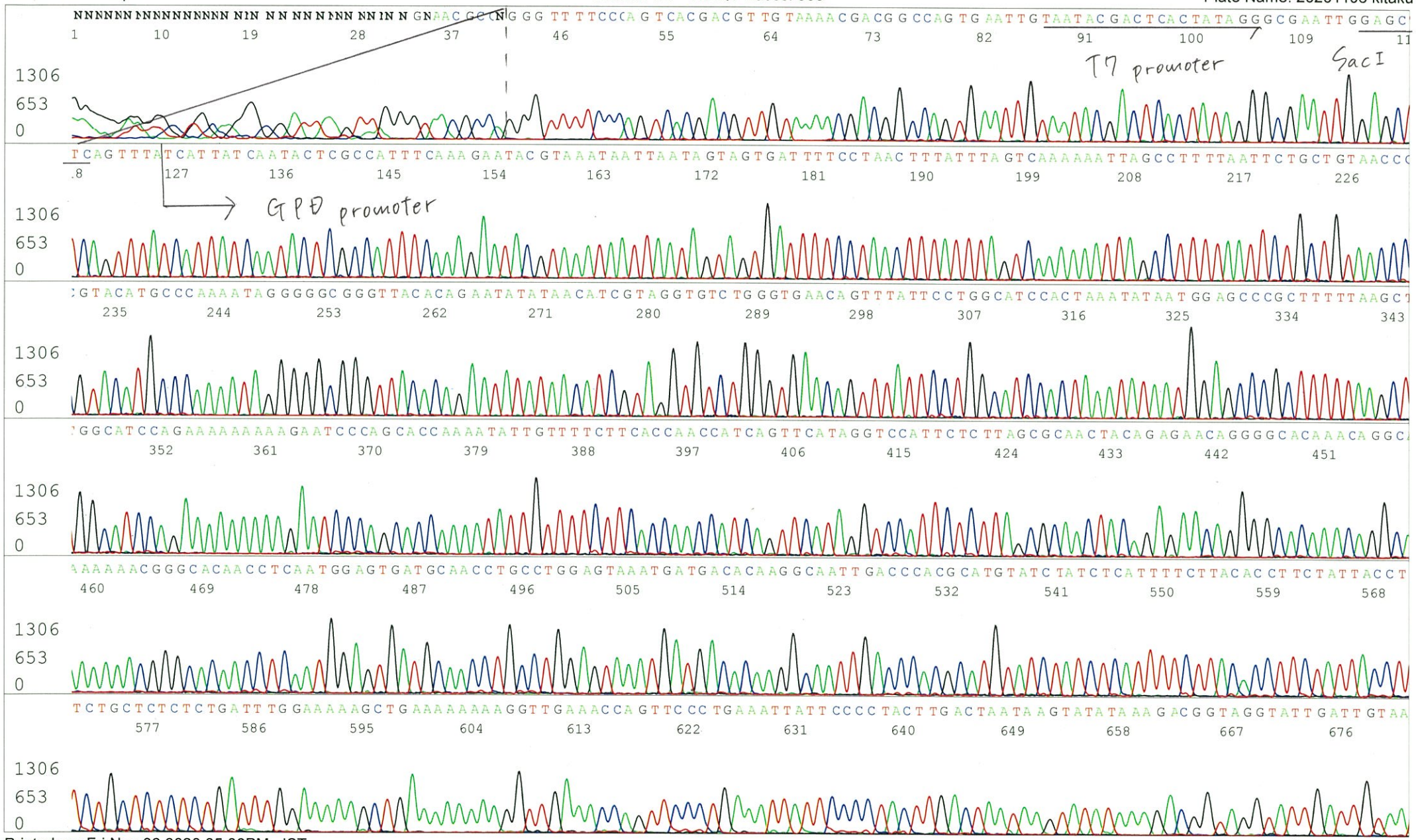
Nov 06,2020 03:12PM, JST
Spacing:11.8 Pts/Panel1350
Plate Name: 20201106 kitaku



Applied Biosystems

S/N G:39 A:44 T:44 C:29
KB.bcp
KB 1.4.1.8 Cap:3

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D07393A8_B0J5_3_HB-NOS_R
KB_3500_POP7_BDTv3.mob
Pts 1424 to 13173 Pk1 Loc:1401
Version 6.0 HiSQV Bases: 930

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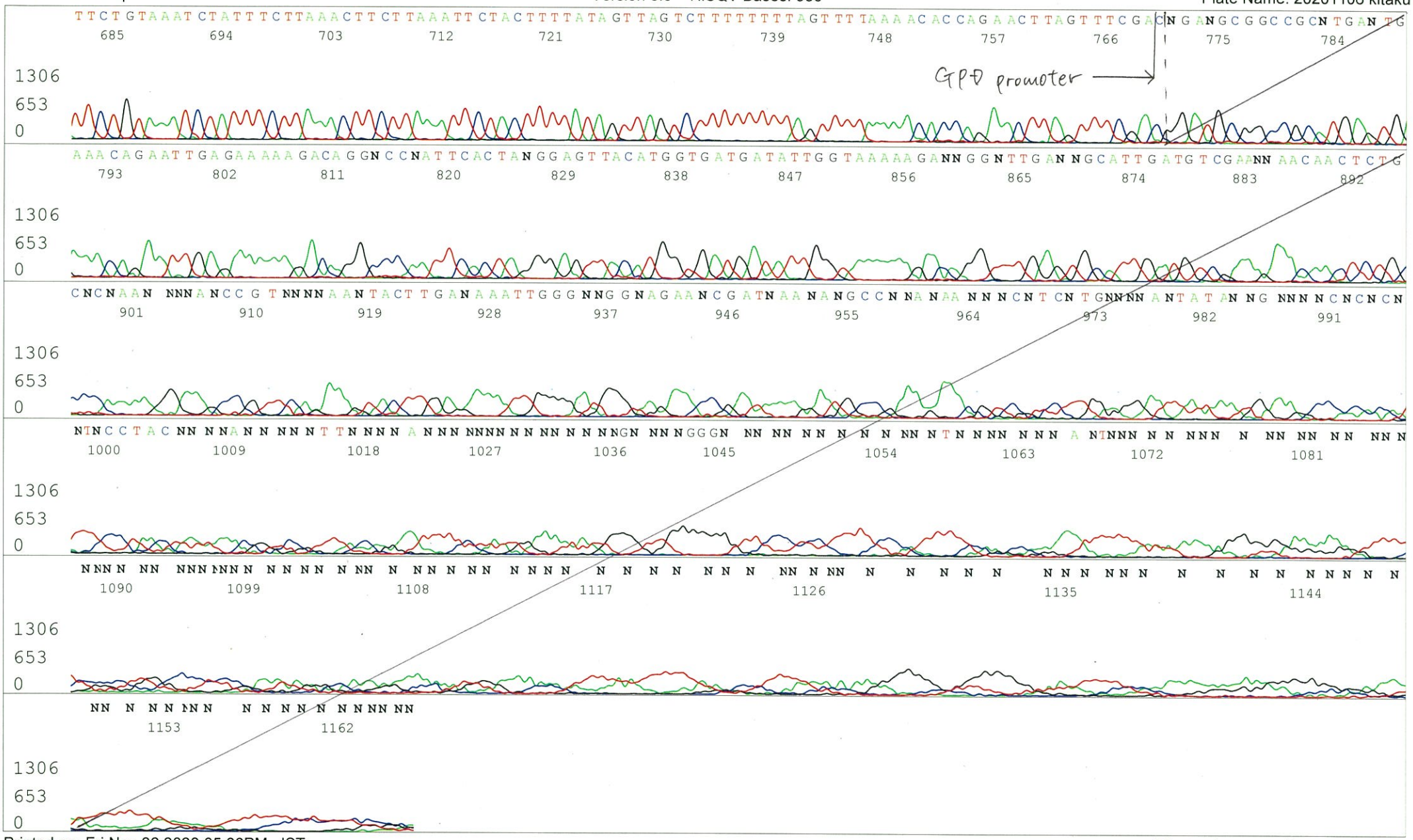

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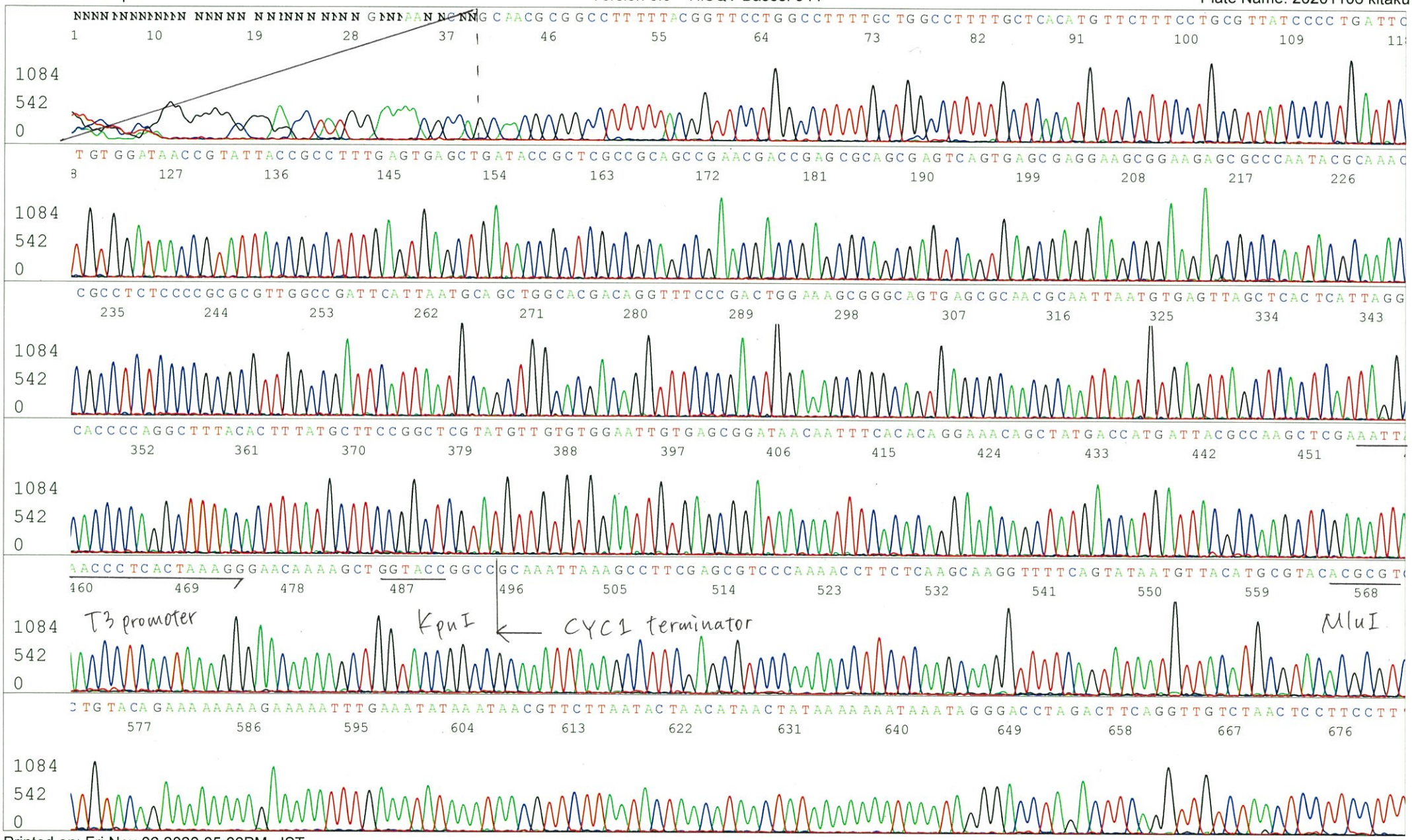
Applied Biosystems

D07393A8_B0J5_3_SV40A3'ElementReverse_B03_06_ABI24
D07393A8_B0J5_3_SV40A3'ElementReverse
KB_3500_POP7_BDTv3.mob
Pts 1407 to 12985 Pk1 Loc:1384
Version 6.0 HiSQV Bases: 944

Inst Model/Name 3500/3500 Instrument
Nov 06,2020 02:45PM, JST
Nov 06,2020 03:12PM, JST
Spacing:11.68 Pts/Panel1350
Plate Name: 20201106 kitaku

S/N G:40 A:26 T:24 C:28
KB.bcp
KB 1.4.1.8 Cap:6

primer name B : SV40pA3'Element Reverse
5'- CTCTGACTTGAGCGTCGATTT -3'

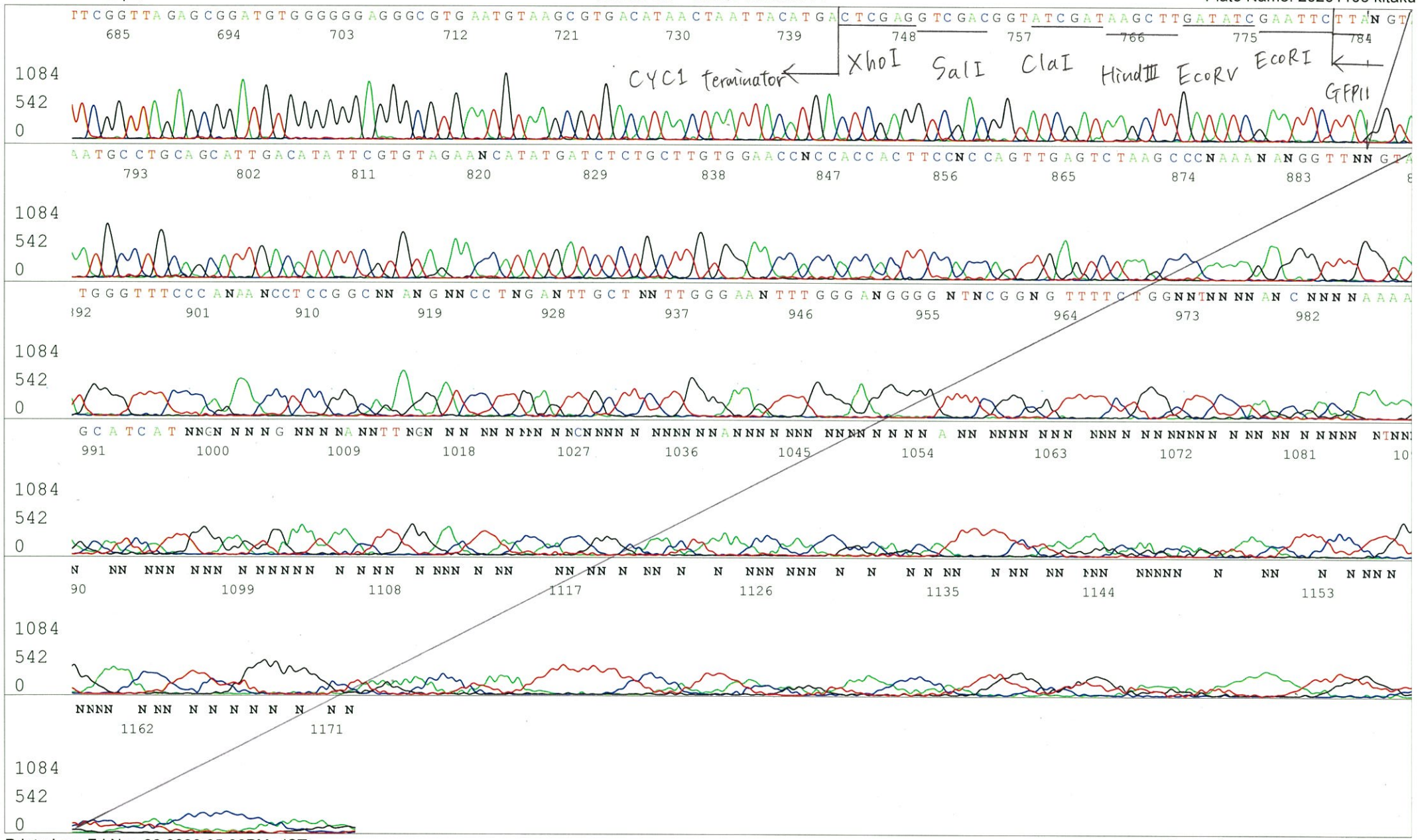


Applied Biosystems

S/N G:40 A:26 T:24 C:28
KB.bcp
KB 1.4.1.8 Cap:6

D07393A8_B0J5_3_SV40A3'ElementReverse_B03_06_ABI24
D07393A8_B0J5_3_SV40A3'ElementReverse
KB_3500_POP7_BDTv3.mob
Pts 1407 to 12985 Pk1 Loc:1384
Version 6.0 HiSQV Bases: 944

Inst Model/Name 3500/3500 Instrument
Nov 06,2020 02:45PM, JST
Nov 06,2020 03:12PM, JST
Spacing:11.68 Pts/Panel1350
Plate Name: 20201106 kitaku



Applied Biosystems

S/N G:210 A:181 T:135 C:102
KB.bcp
KB 1.4.1.8 Cap:9

primer name C : TRP1pro_F
5'-AGGGCATTGGTGACTATTGAG-3'

D07393A8_B0J5_3_TRP1pro_F_C03_09_ABI24
D07393A8_B0J5_3_TRP1pro_F
KB_3500_POP7_BDTv3.mob
Pts 1397 to 13139 Pk1 Loc:1374
Version 6.0 HiSQV Bases: 968

Inst Model/Name 3500/3500 Instrument
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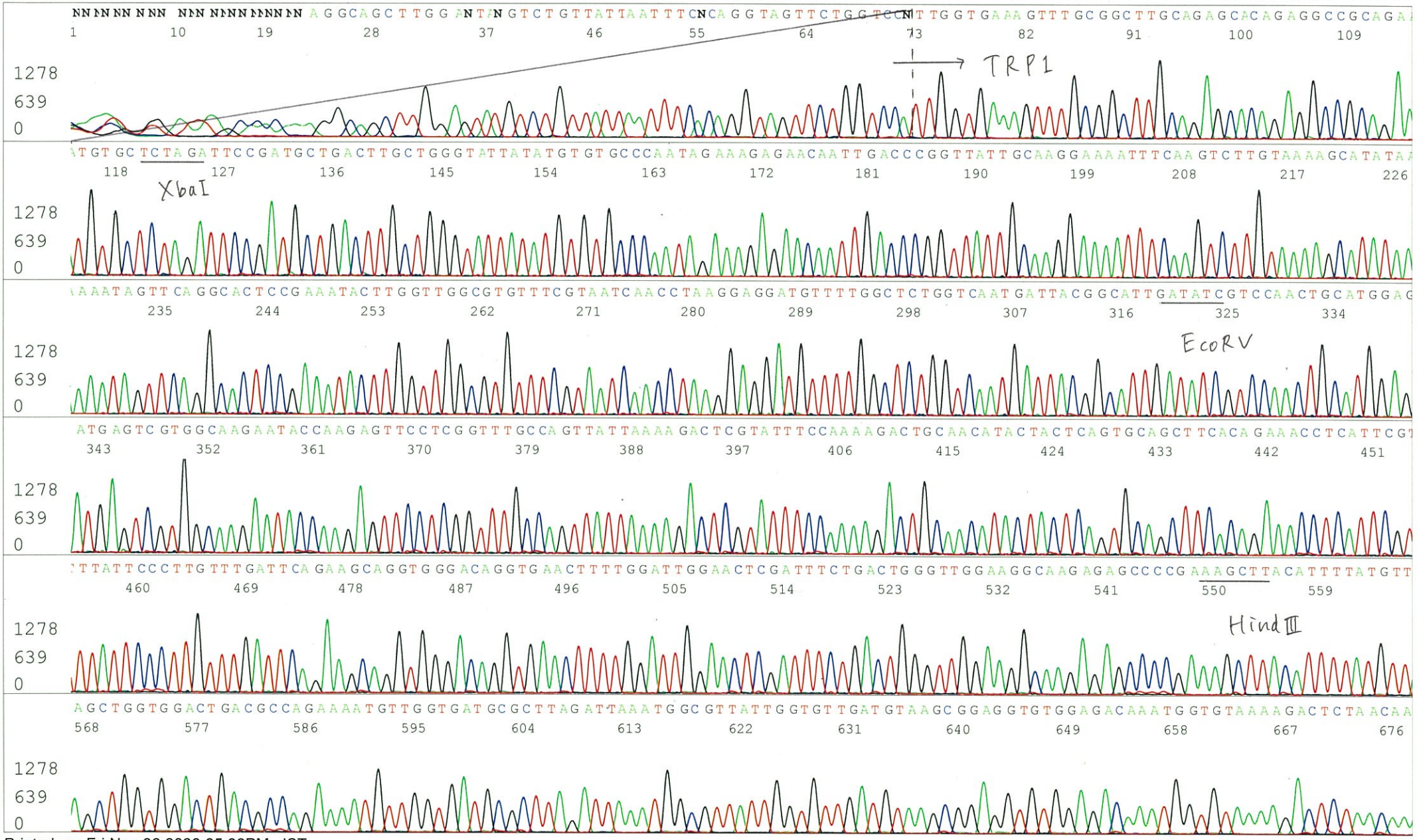
Nov 06,2020 03:12PM, JST
Spacing:11.74 Pts/Panel1350
Plate Name: 20201106 kitaku



Applied Biosystems

S/N G:210 A:181 T:135 C:102
KB.bcp
KB 1.4.1.8 Cap:9

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D07393A8_B0J5_3_TRP1pro_F
KB_3500_POP7_BDTv3.mob
Pts 1397 to 13139 Pk1 Loc:1374
Version 6.0 HiSQV Bases: 968

Inst Model/Name 3500/3500 Instrument
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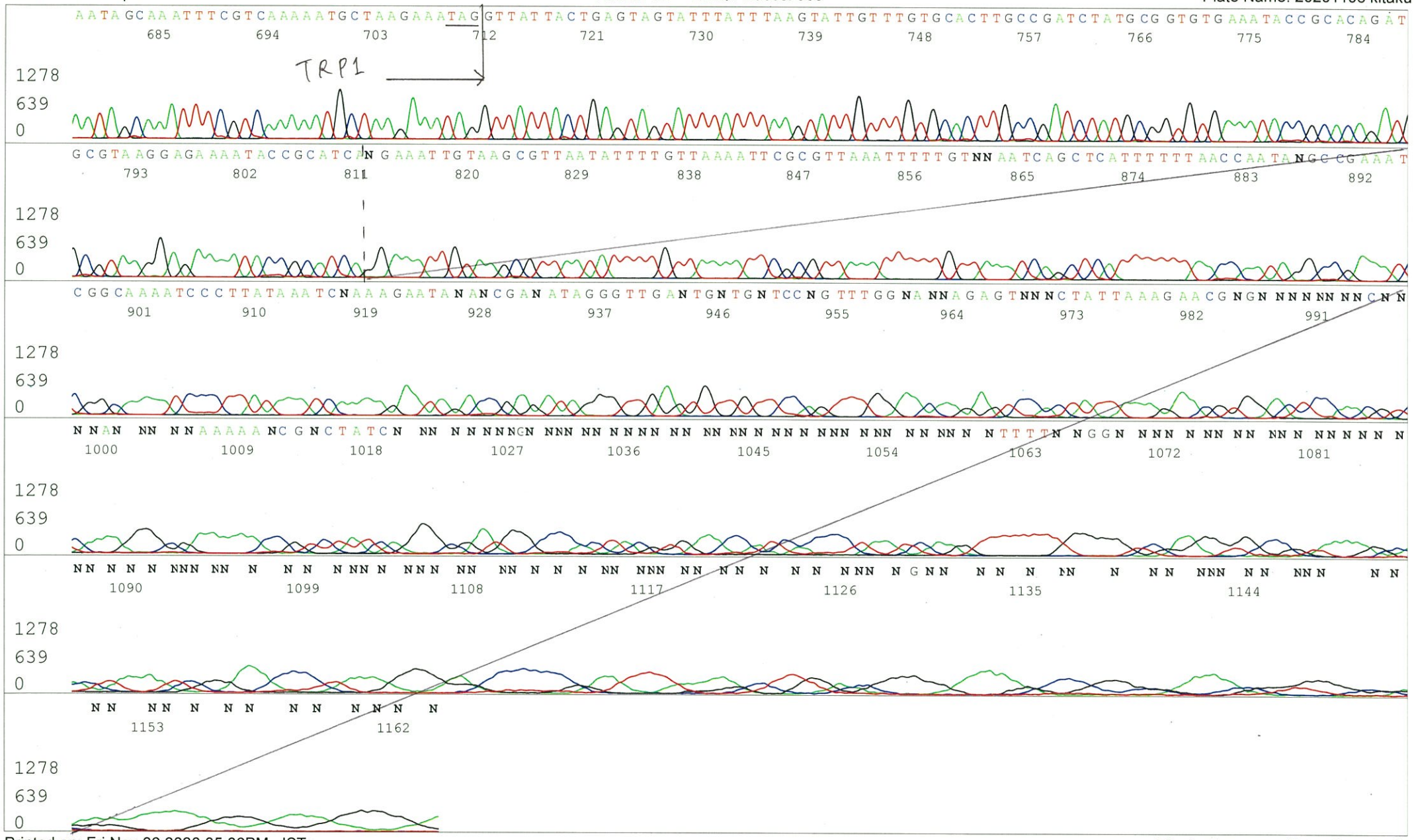
Plate Name: 20201106 kitaku



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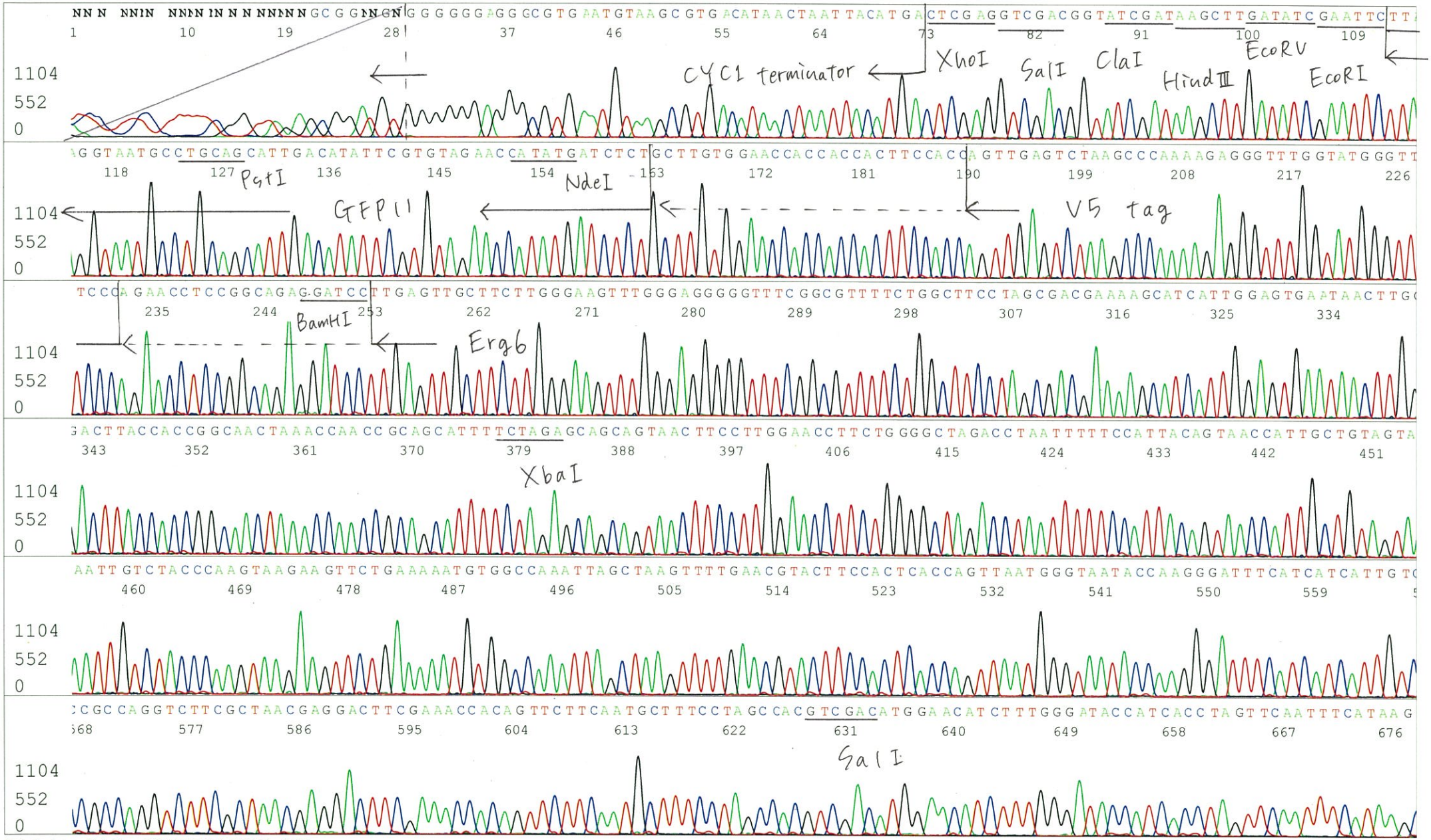
Applied Biosystems

S/N G:99 A:98 T:86 C:79
KB.bcp
KB 1.4.1.8 Cap:18

primer name D : CYC1ter_R
5'-AATAGGGACCTAGACTTCAG-3'

D07393A8_B0J5_3_CYC1ter_R_F03_18_ABI24
D07393A8_B0J5_3_CYC1ter_R
KB_3500_POP7_BDTv3.mob
Pts 1379 to 13006 Pk1 Loc:1356
Version 6.0 HiSQV Bases: 964

Inst Model/Name 3500/3500 Instrument
Nov 06,2020 02:45PM, JST
Nov 06,2020 03:12PM, JST
Spacing:11.69 Pts/Panel1350
Plate Name: 20201106 kitaku



Applied Biosystems

S/N G:99 A:98 T:86 C:79
KB.bcp
KB 1.4.1.8 Cap:18

D07393A8_B0J5_3_CYC1ter_R_F03_18_ABI24
D07393A8_B0J5_3_CYC1ter_R
KB_3500_POP7_BDTv3.mob
Pts 1379 to 13006 Pk1 Loc:1356
Version 6.0 HiSQV Bases: 964

Inst Model/Name 3500/3500 Instrument
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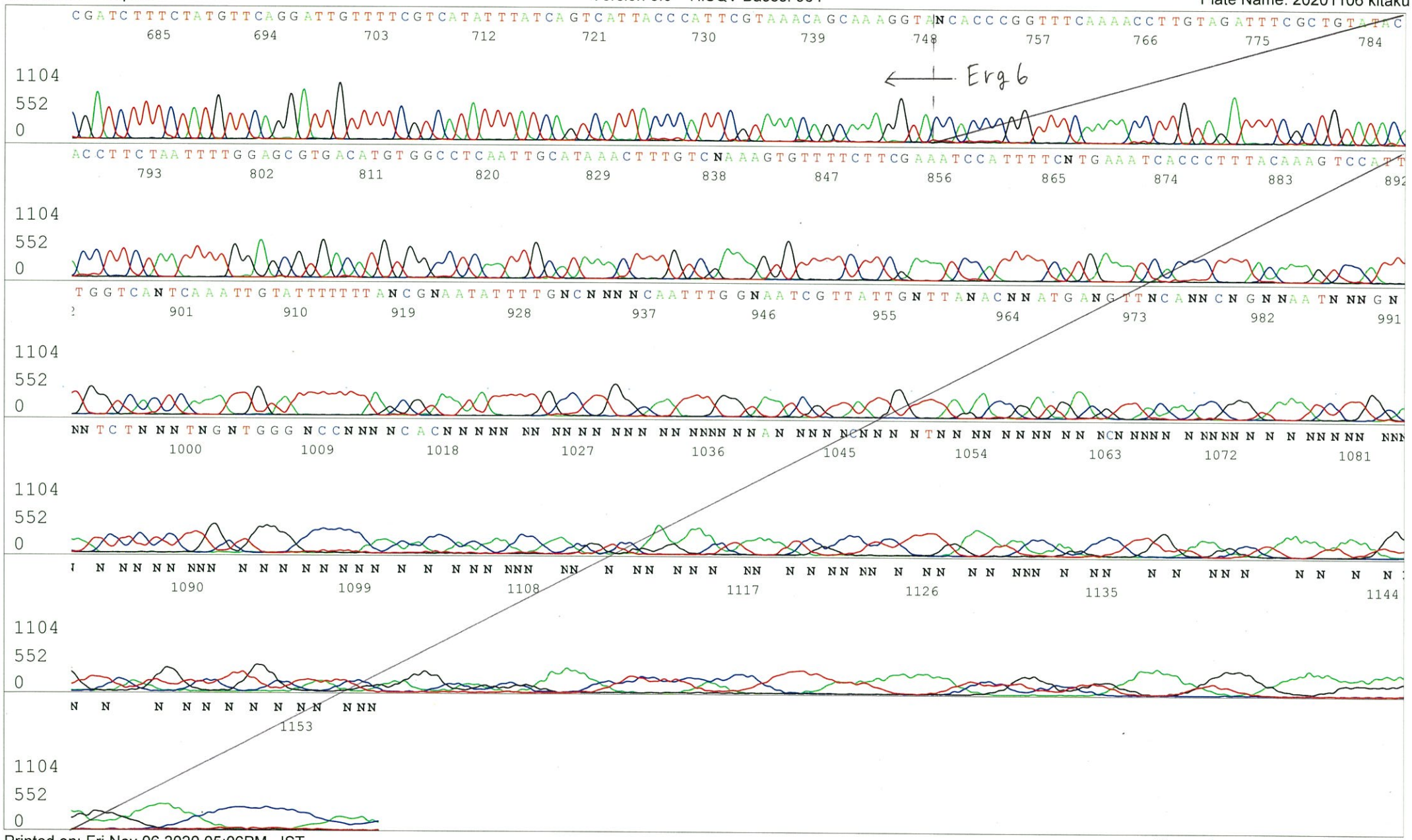
Plate Name: 20201106 kitaku



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Applied Biosystems

S/N G:67 A:64 T:56 C:42
KB.bcp
KB 1.4.1.8 Cap:12

primer name E : TDH3pro_F
5'-AAATTATTCCCCTACTTGAC-3'

D07393A8_B0J5_3_TDH3pro_F_D03_12_ABI24
D07393A8_B0J5_3_TDH3pro_F
KB_3500_POP7_BDTv3.mob
Pts 1388 to 13055 Pk1 Loc:1365
Version 6.0 HiSQV Bases: 957

Inst Model/Name 3500/3500 Instrument
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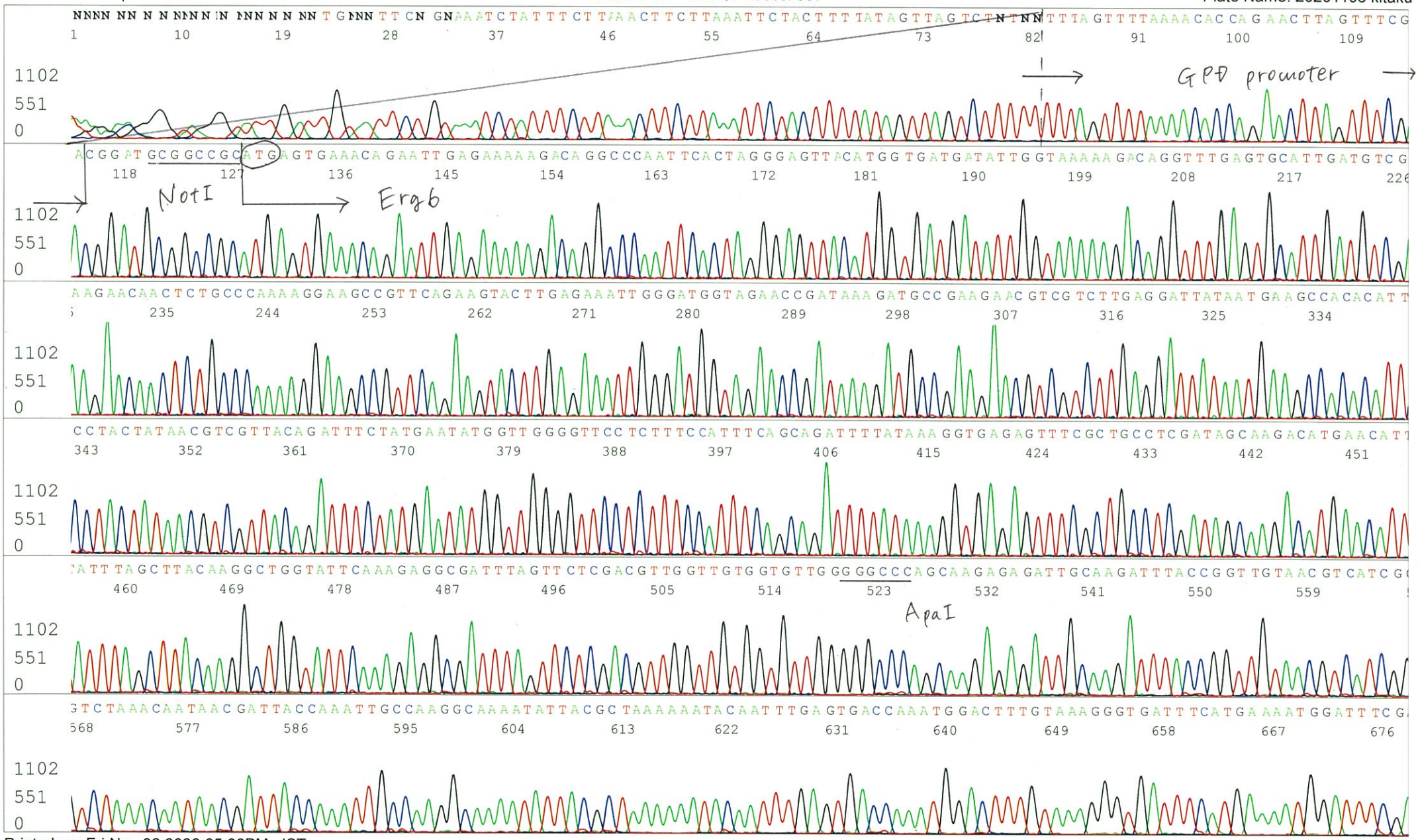
Nov 06,2020 03:12PM, JST
Spacing:11.66 Pts/Panel1350
Plate Name: 20201106 kitaku



Applied Biosystems

S/N G:67 A:64 T:56 C:42
KB.bcp
KB 1.4.1.8 Cap:12

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KB_3500_POP7_BDTv3.mob
Pts 1388 to 13055 Pk1 Loc:1365
Version 6.0 HiSQV Bases: 957

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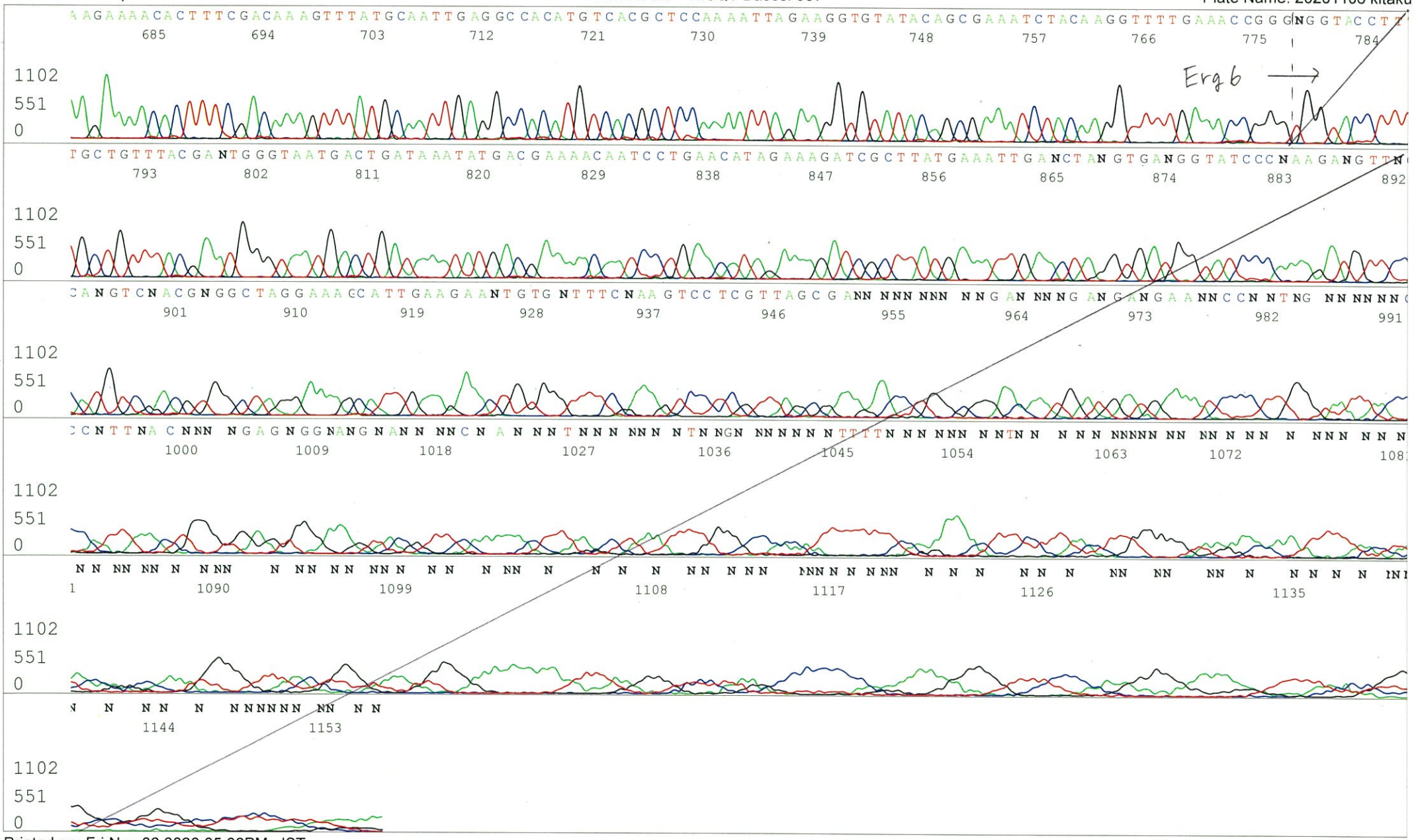

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Applied Biosystems

S/N G:141 A:164 T:133 C:101
KB.bcp
KB 1.4.1.8 Cap:15

primer name F : Amp_R
5'-GCGACACGGAAATGTTGAATA-3'

D07393A8_B0J5_3_Amp_R_E03_15_ABI24
D07393A8_B0J5_3_Amp_R
KB_3500_POP7_BDTv3.mob
Pts 1386 to 13220 Pk1 Loc:1363
Version 6.0 HiSQV Bases: 975

Inst Model/Name 3500/3500 Instrument
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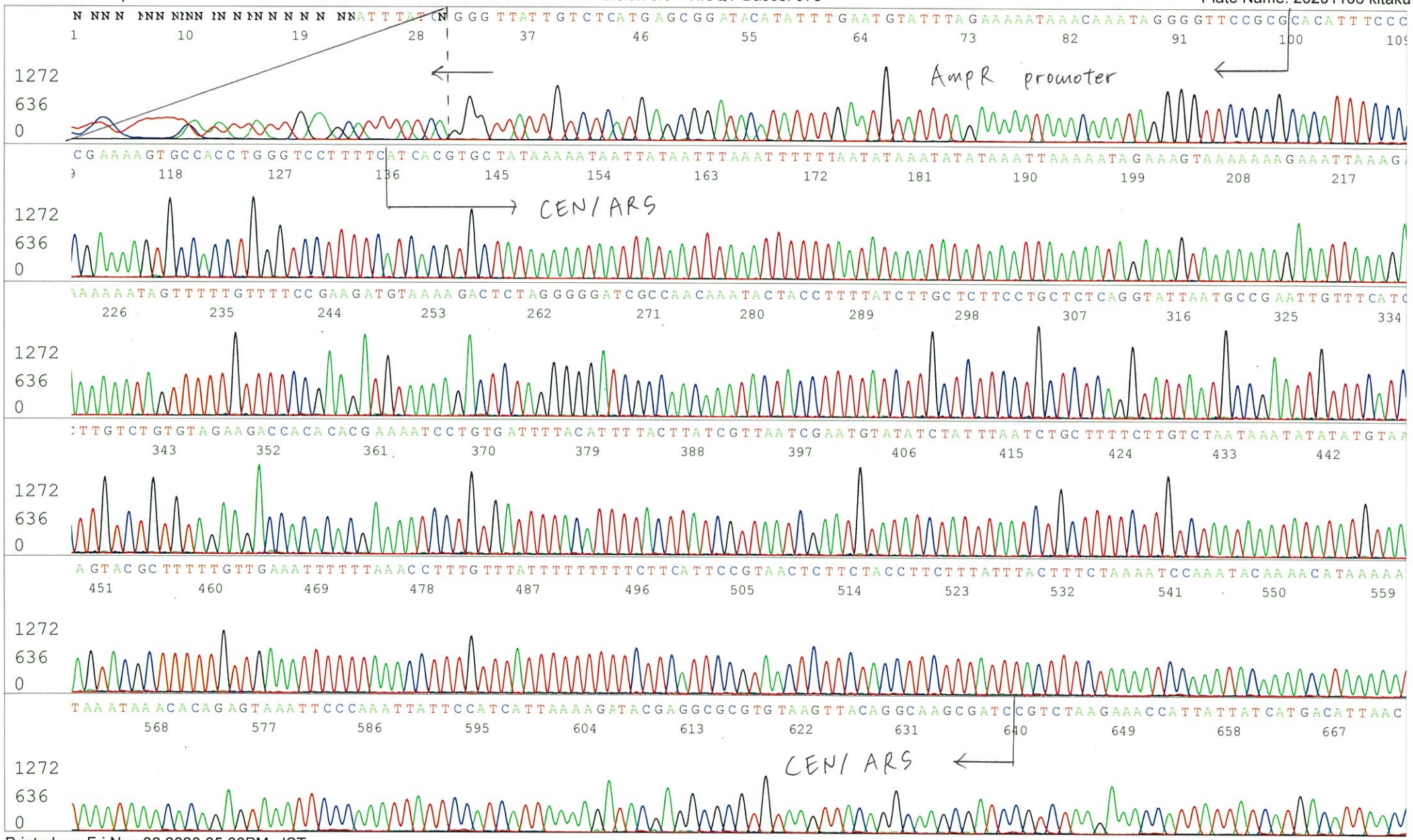
Nov 06,2020 03:12PM, JST
Spacing:11.72 Pts/Panel1350
Plate Name: 20201106 kitaku



Applied Biosystems

S/N G:141 A:164 T:133 C:101
KB.bcp
KB 1.4.1.8 Cap:15

D07393A8_B0J5_3_Amp_R_E03_15_ABI24
D07393A8_B0J5_3_Amp_R
KB_3500_POP7_BDTv3.mob
Pts 1386 to 13220 Pk1 Loc:1363
Version 6.0 HiSQV Bases: 975

Inst Model/Name 3500/3500 Instrument
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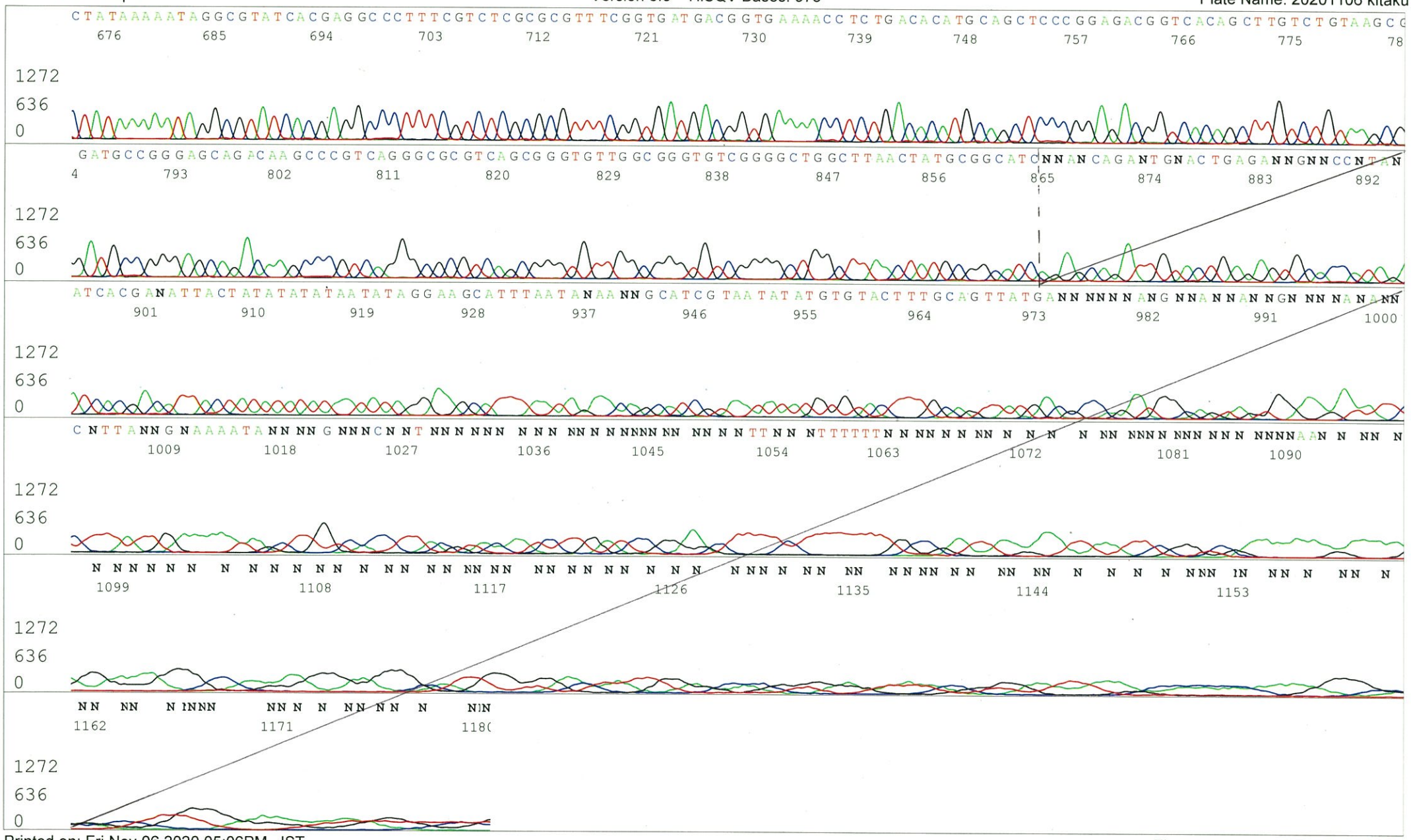
Nov 06,2020 03:12PM, JST
Spacing:11.72 Pts/Panel1350
Plate Name: 20201106 kitaku



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