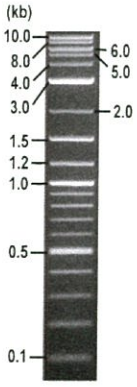
Gene Engineering Division
RIKEN BioResource Research Center

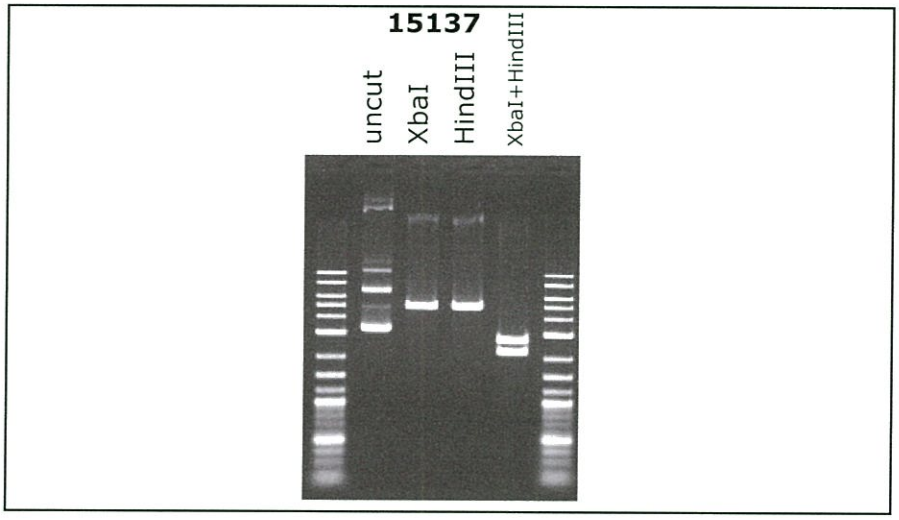
RIKEN DNA BANK

clone name : YC3.60pm/pRSETB

- **Clone ID** : RDB _ 15137
- **Lot** : 15137 _ A7H9
- **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	:	**4.9**	kbp
HindIII	:	**4.9**	kbp
XbaI+HindIII	:	**2.7, 2.2**	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	Pr0724	lacIpro-B_F	T7 pro, RBS, 6xHis, T7 tag, Xpress tag, insert 5'
Sequence - B	Pr0798	T7ter_R1	insert 3'
Sequence - C	Pr0920	FP-N_F1	insert mid
Sequence - D	Pr0721	YC4.6-M_F	insert mid
Sequence - E	Pr0412	EYFP-C_F	insert mid
Sequence - F	-	-	-
Sequence - G	-	-	-
Sequence - H	-	-	-

APPROVED BY :

確認 20.1.05 金藤

Applied Biosystems

S/N G:306 A:238 T:157 C:260
KB.bcp
KB 1.4.1.8 Cap:1

primer name A : laclpro-B_F
5'-CCGCCTTTGAGTGAGCTGATA-3'

15137_15137_B0KrF_laclpro-B_F_A07_01_ABI24
15137_15137_B0KrF_laclpro-B_F
KB_3500_POP7_BDTv3.mob
Pts 1564 to 12955 Pk1 Loc:1541
Version 6.0 HiSQV Bases: 914

Inst Model/Name 3500/3500 Instrument
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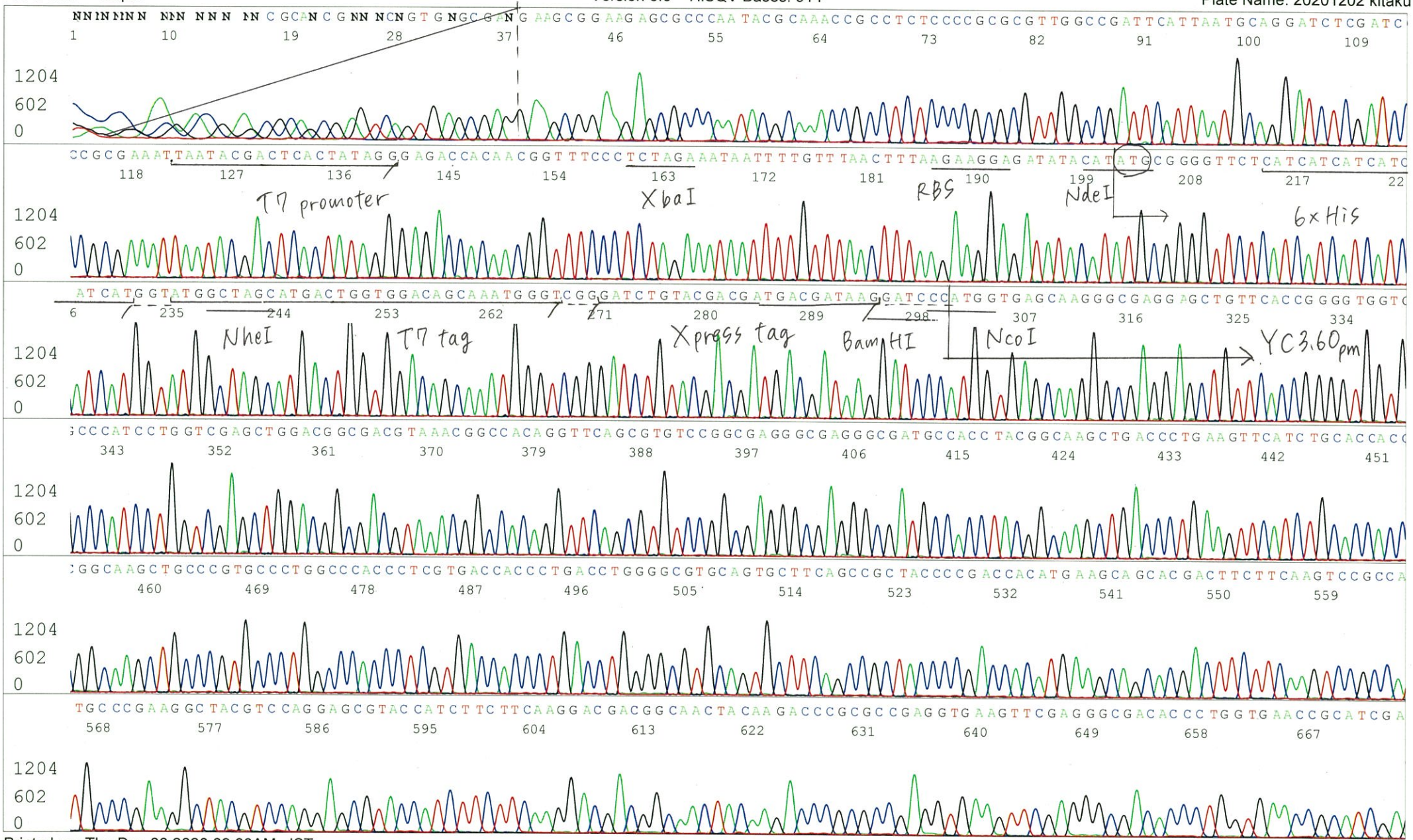
Dec 02,2020 03:40PM, JST
Spacing:11.55 Pts/Panel1350
Plate Name: 20201202 kitaku



Applied Biosystems

S/N G:306 A:238 T:157 C:260
KB.bcp
KB 1.4.1.8 Cap:1

15137_15137_B0KrF_laclpro-B_F_A07_01_ABI24
15137_15137_B0KrF_laclpro-B_F
KB_3500_POP7_BDTv3.mob
Pts 1564 to 12955 Pk1 Loc:1541
Version 6.0 HiSQV Bases: 914

Inst Model/Name 3500/3500 Instrument
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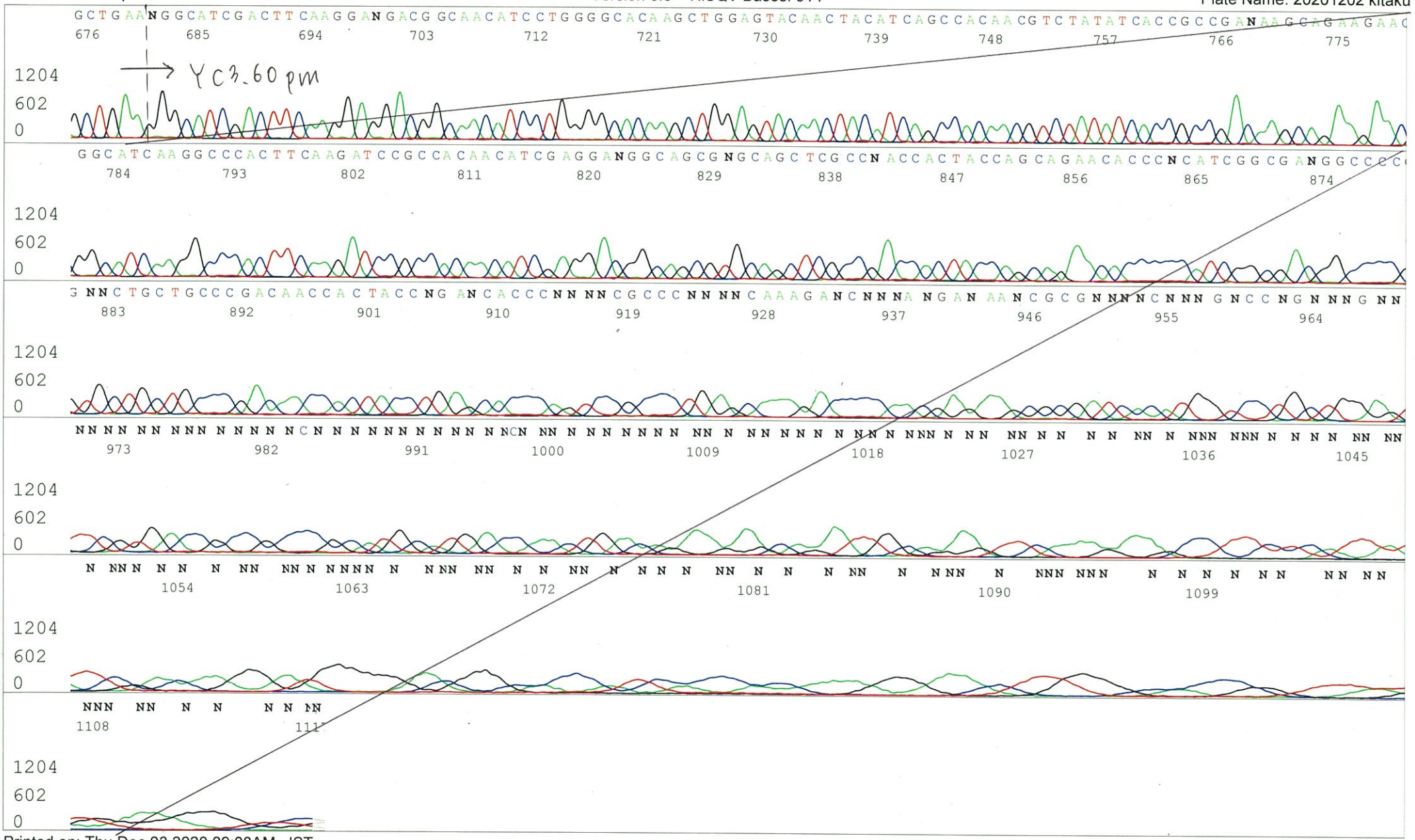

Printed on: Thu Dec 03,2020 09:08AM, JST

Applied Biosystems

S/N G:247 A:140 T:171 C:199
KB.bcp
KB 1.4.1.8 Cap:4

primer name B : T7ter_R1
5'- AGCAAAAAACCCCTCAAG -3'

15137_15137_B0KrF_T7ter_R1_B07_04_ABI24
15137_15137_B0KrF_T7ter_R1
KB_3500_POP7_BDTv3.mob
Pts 1464 to 12863 Pk1 Loc:1441
Version 6.0 HiSQV Bases: 910

Inst Model/Name 3500/3500 Instrument
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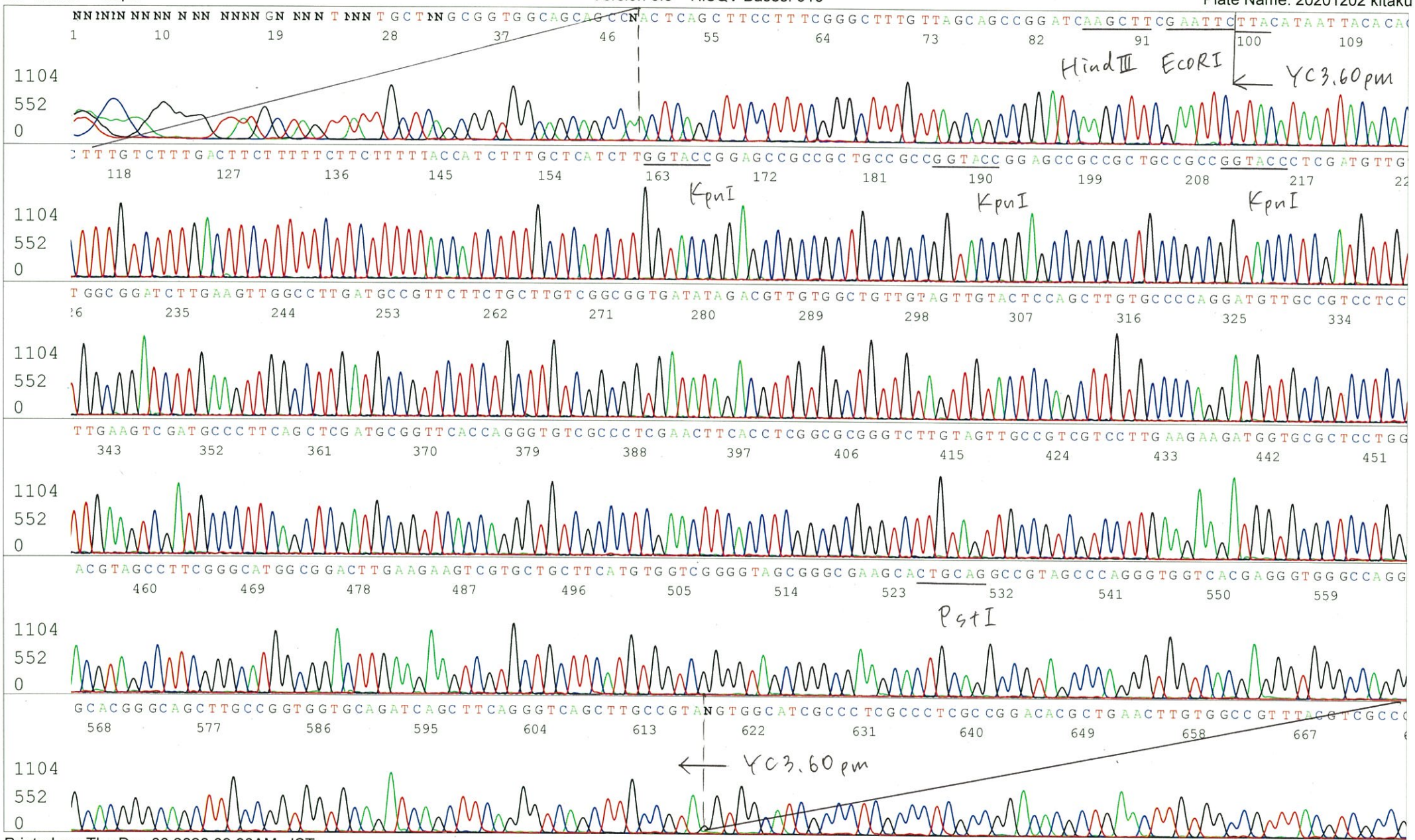
Dec 02,2020 03:40PM, JST
Spacing:11.58 Pts/Panel1350
Plate Name: 20201202 kitaku



Applied Biosystems

S/N G:328 A:359 T:190 C:291
KB.bcp
KB 1.4.1.8 Cap:7

primer name C : FP-N_F1
5'- ACCCTCGTGACCACCCTGAC -3'

15137_15137_B0KrF_FP-N_F1_C07_07_ABI24
15137_15137_B0KrF_FP-N_F1
KB_3500_POP7_BDTv3.mob
Pts 1501 to 12911 Pk1 Loc:1478
Version 6.0 HiSQV Bases: 935

Inst Model/Name 3500/3500 Instrument
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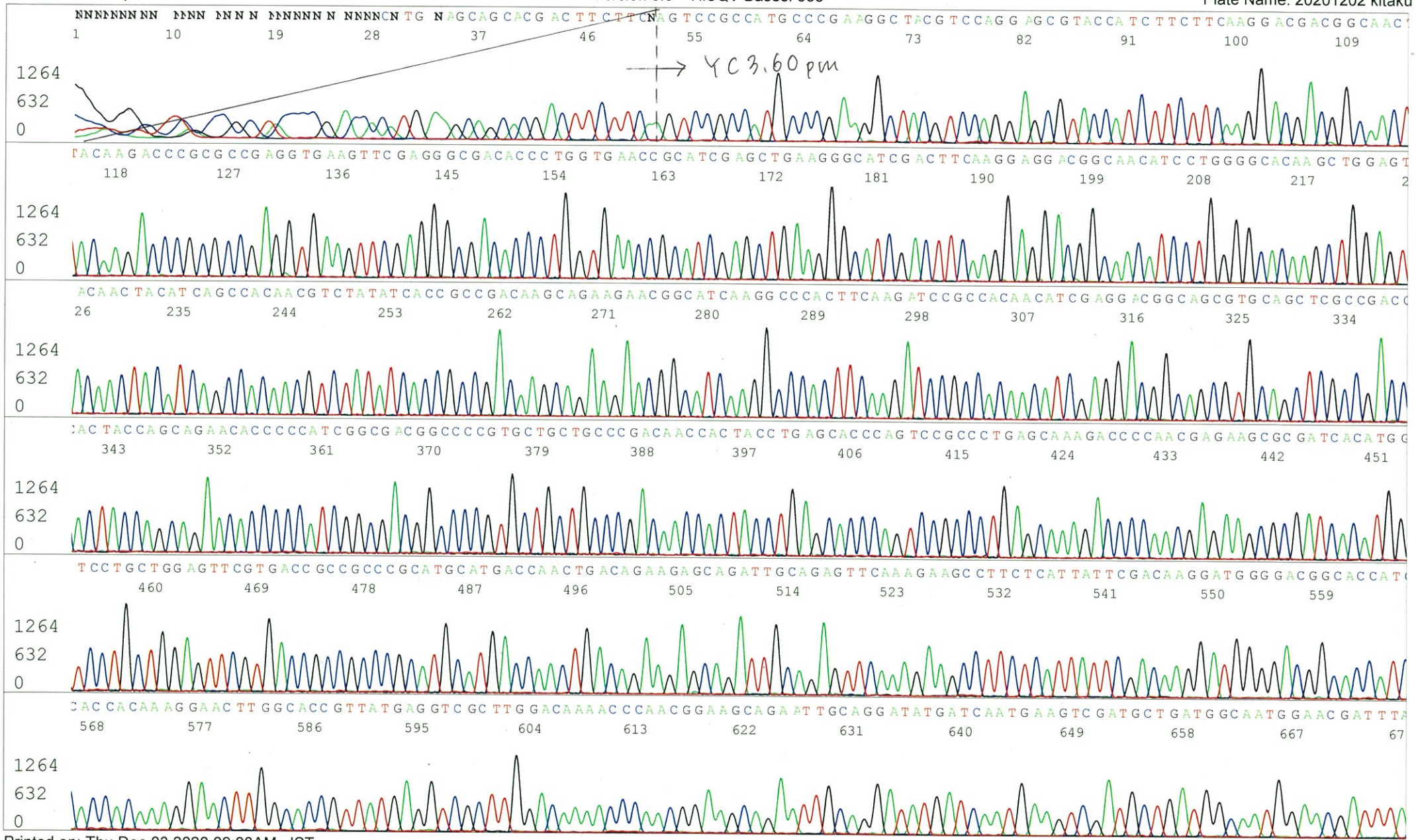
Plate Name: 20201202 kitaku



Applied Biosystems

S/N G:328 A:359 T:190 C:291
KB.bcp
KB 1.4.1.8 Cap:7

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15137_15137_B0KrF_FP-N_F1
KB_3500_POP7_BDTv3.mob
Pts 1501 to 12911 Pk1 Loc:1478
Version 6.0 HiSQV Bases: 935

Inst Model/Name 3500/3500 Instrument
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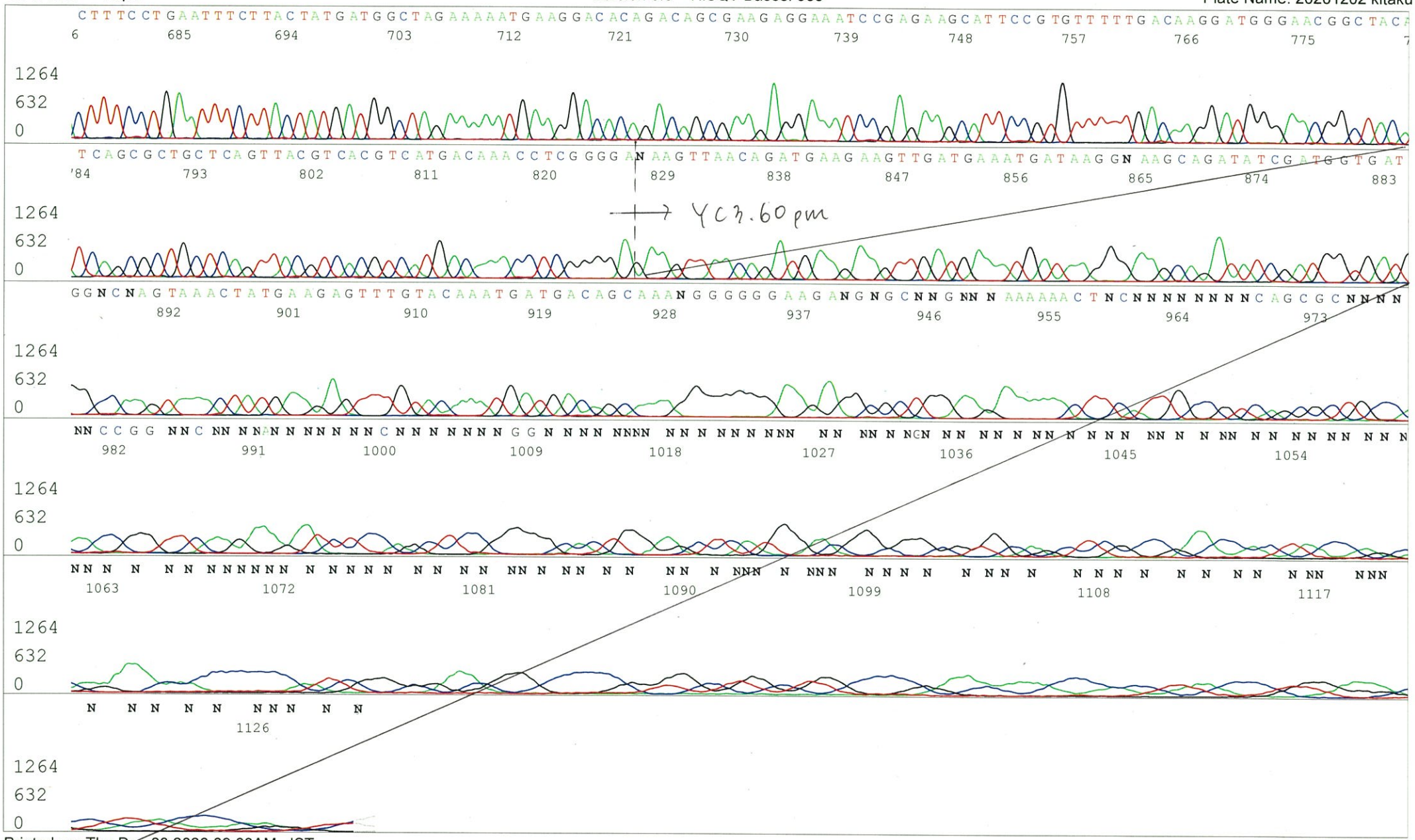
Dec 02,2020 03:40PM, JST
Spacing:11.43 Pts/Panel1350
Plate Name: 20201202 kitaku



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Applied Biosystems

S/N G:446 A:357 T:212 C:300
KB.bcp
KB 1.4.1.8 Cap:10

primer name -0 : YC4.6-M_F
5'- ATTATTCGACAAGGATGGGG -3'

15137_15137_B0KrF_YC4.6-M_F_D07_10_ABI24
15137_15137_B0KrF_YC4.6-M_F
KB_3500_POP7_BDTv3.mob
Pts 1507 to 12995 Pk1 Loc:1484
Version 6.0 HiSQV Bases: 910

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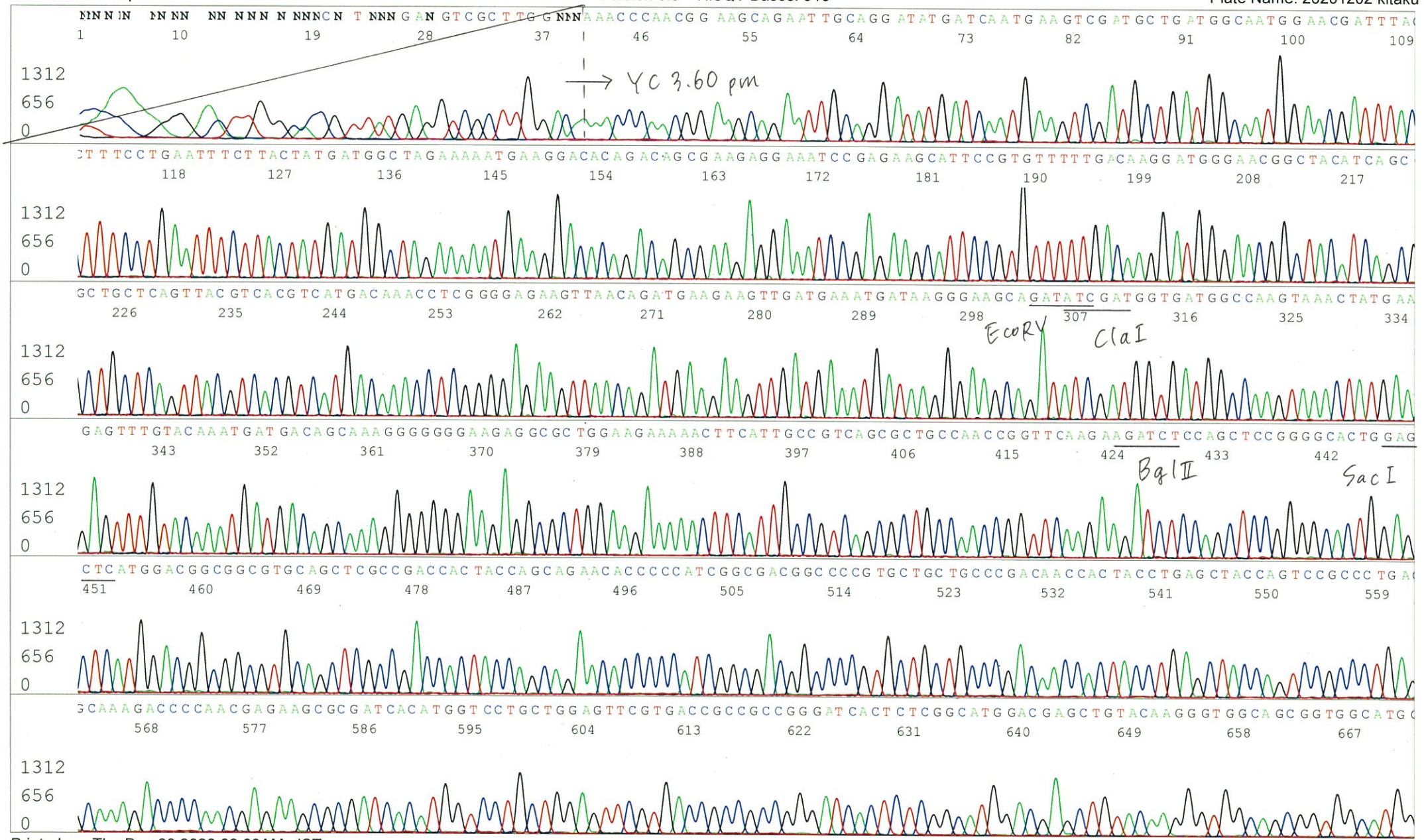
Spacing:11.58 Pts/Panel1350
Plate Name: 20201202 kitaku



Applied Biosystems

S/N G:446 A:357 T:212 C:300
KB.bcp
KB 1.4.1.8 Cap:10

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15137_15137_B0KrF_YC4.6-M_F
KB_3500_POP7_BDTv3.mob
Pts 1507 to 12995 Pk1 Loc:1484
Version 6.0 HiSQV Bases: 910

Inst Model/Name 3500/3500 Instrument
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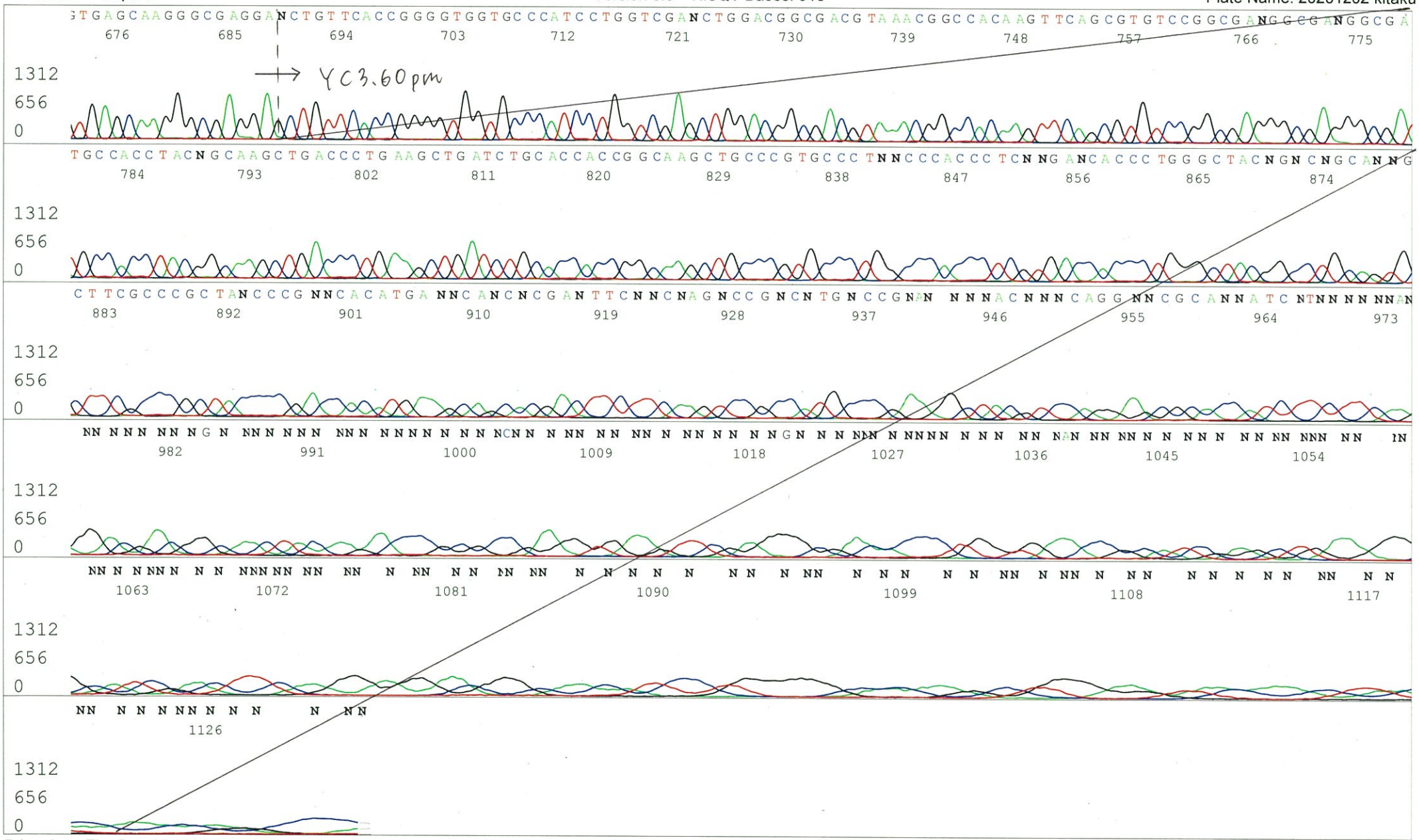

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Applied Biosystems

S/N G:244 A:181 T:122 C:203
KB.bcp
KB 1.4.1.8 Cap:13

primer name E : EYFP-C_F
5'- ACAACCACTACCTGAGCTAC -3'

15137_15137_B0KrF_EYFP-C_F_E07_13_ABI24
15137_15137_B0KrF_EYFP-C_F
KB_3500_POP7_BDTv3.mob
Pts 1490 to 12890 Pk1 Loc:1467
Version 6.0 HiSQV Bases: 923

Inst Model/Name 3500/3500 Instrument
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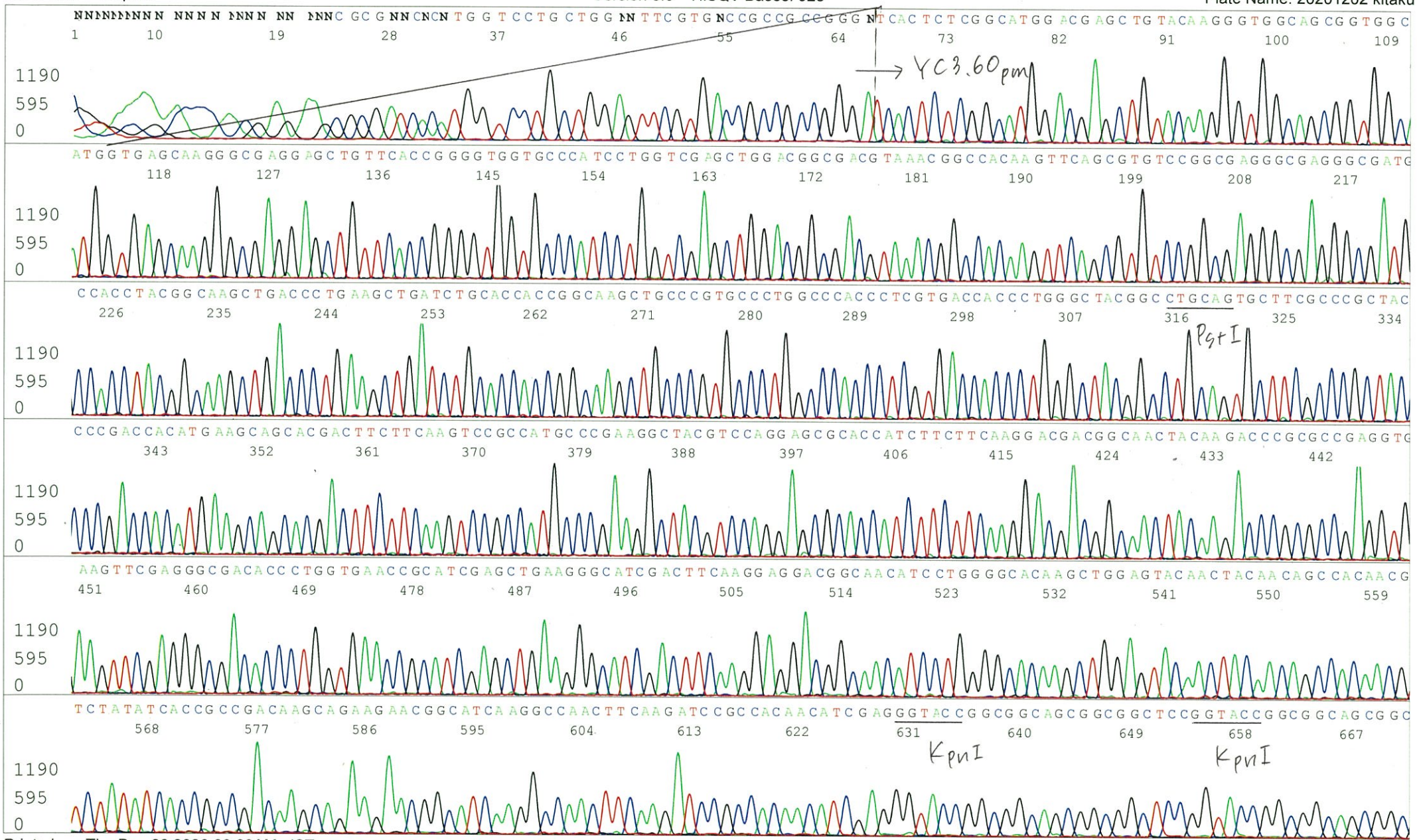
Dec 02,2020 03:40PM, JST
Spacing:11.47 Pts/Panel1350
Plate Name: 20201202 kitaku



Applied Biosystems

S/N G:244 A:181 T:122 C:203
KB.bcp
KB 1.4.1.8 Cap:13

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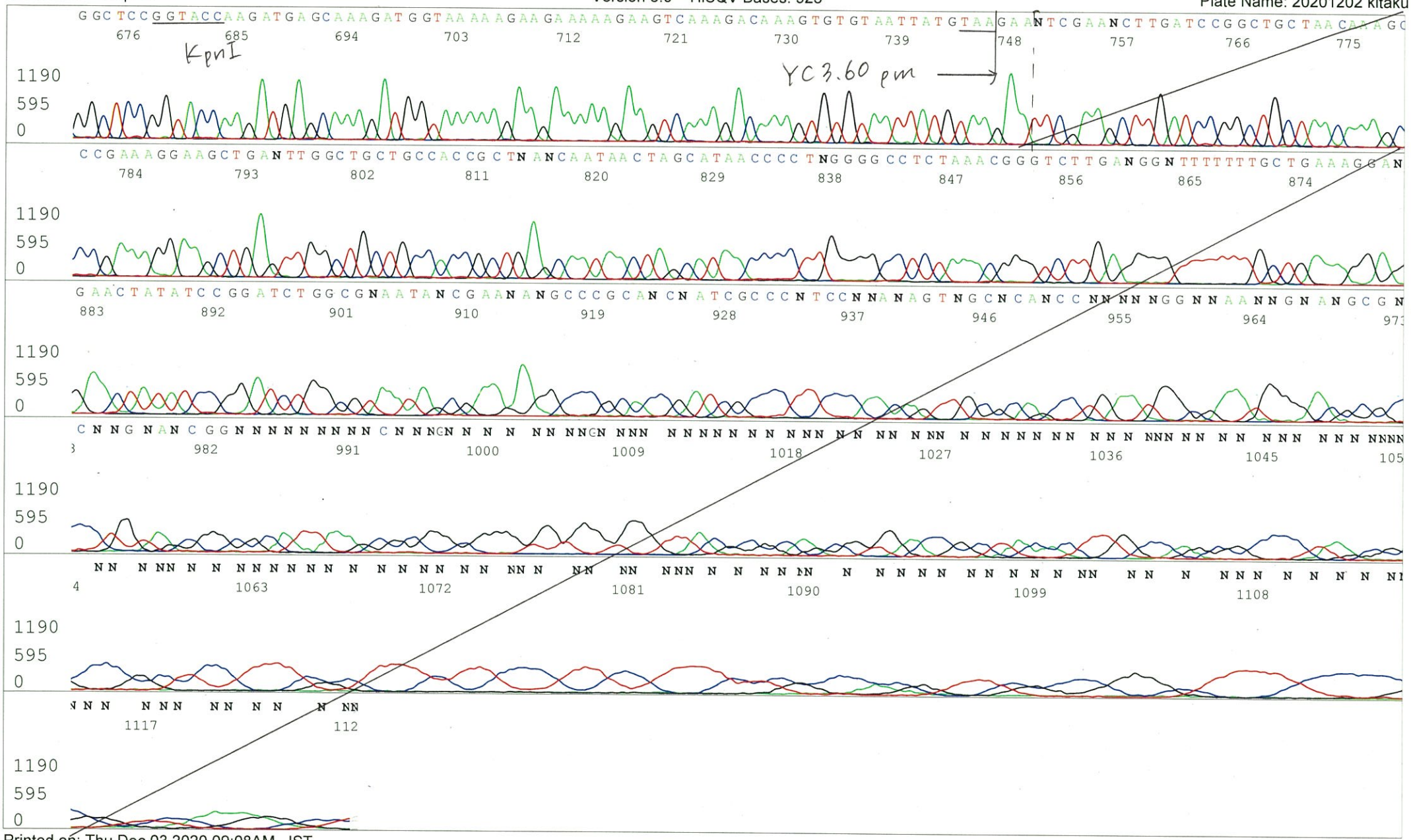
Pts 1490 to 12890 Pk1 Loc:1467
Version 6.0 HiSQV Bases: 923

Inst Model/Name 3500/3500 Instrument
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Spacing:11.47 Pts/Panel1350
Plate Name: 20201202 kitaku