Gene Engineering Division
RIKEN BioResource Center

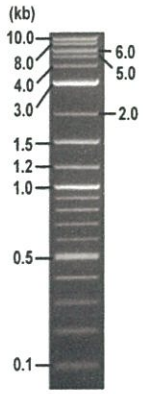
RIKEN DNA BANK

clone name : pDUAL2-FFH81

- Clone ID : RDB _ 06201
- Lot : 14491 _ A6L7
- 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



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

Restriction enzyme		Expected size of fragment	
SalI	:	8.4	kbp
EcoRI	:	8.4	kbp
SalI + EcoRI	:	6.1, 2.3	kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence - A	nmt1Fw	Sequence - E	-
Sequence - B	ADH-Forward	Sequence - F	-
Sequence - C	f1ori_R3	Sequence - G	-
Sequence - D	Reverse2	Sequence - H	-

APPROVED BY : 確認 1 1.05 金藤

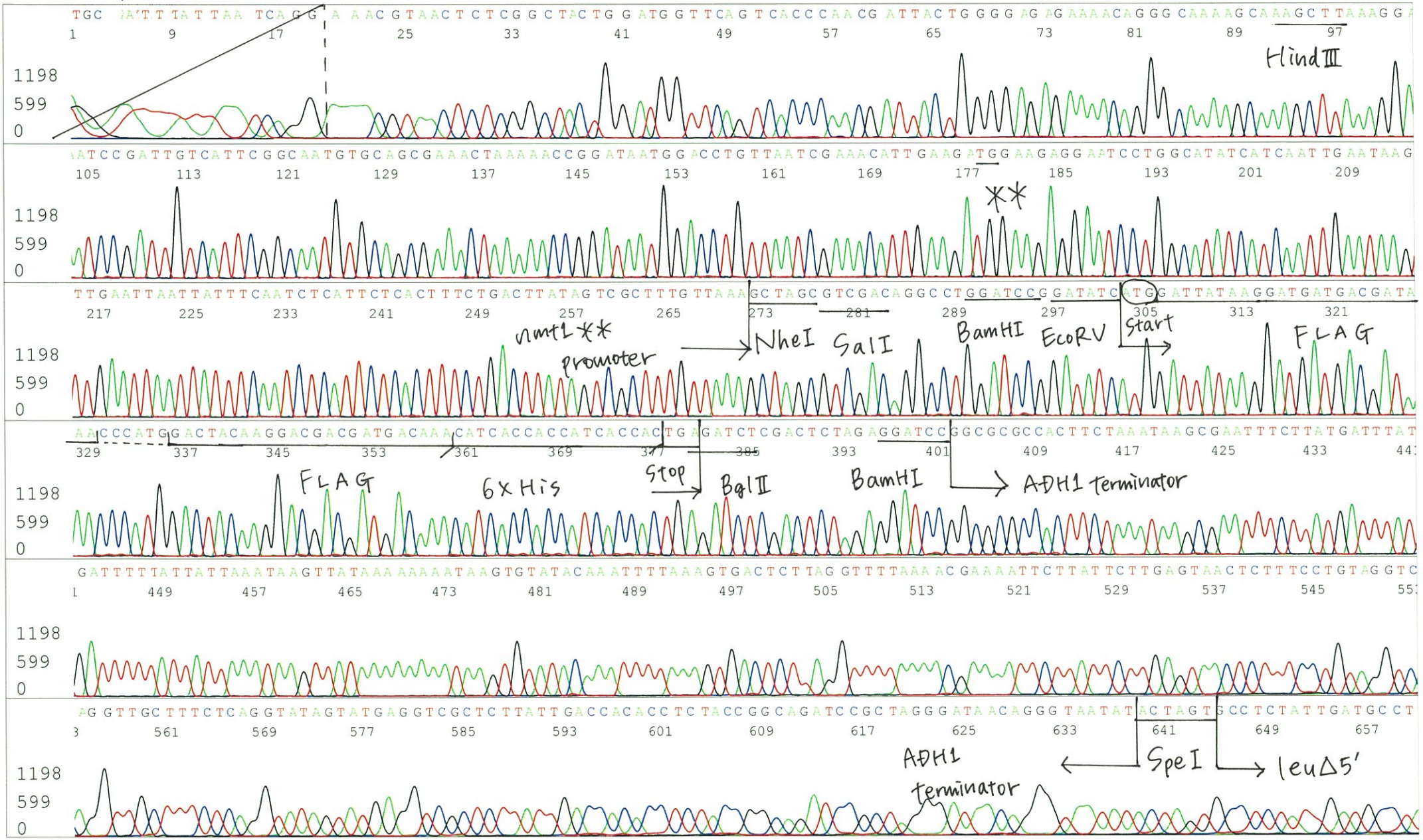
Applied Biosystems

S/N G:294 A:454 T:386 C:321
KB.bcp
KB 1.4.1.8 Cap:13

primer name A : nmt1Fw
5'- GCTGTAAAACACCACGAGAC -3'

06201_14491_A6L7_nmt1Fw_E04_13_ABI24
06201_14491_A6L7_nmt1Fw
KB_3500_POP7_BDTv3.mob
Pts 1658 to 13315 Pk1 Loc:1635
Version 6.0 HiSQV Bases: 799

Inst Model/Name 3500/3500 Instrument
Dec 27,2016 11:38AM, JST
Dec 27,2016 12:04PM, JST
Spacing:12.05 Pts/Panel1350
Plate Name: 20161227_dnabank



Applied Biosystems

S/N G:294 A:454 T:386 C:321
KB.bcp
KB 1.4.1.8 Cap:13

06201_14491_A6L7_nmt1Fw_E04_13_ABI24
06201_14491_A6L7_nmt1Fw
KB_3500_POP7_BDTv3.mob
Pts 1658 to 13315 Pk1 Loc:1635
Version 6.0 HiSQV Bases: 799

Inst Model/Name 3500/3500 Instrument
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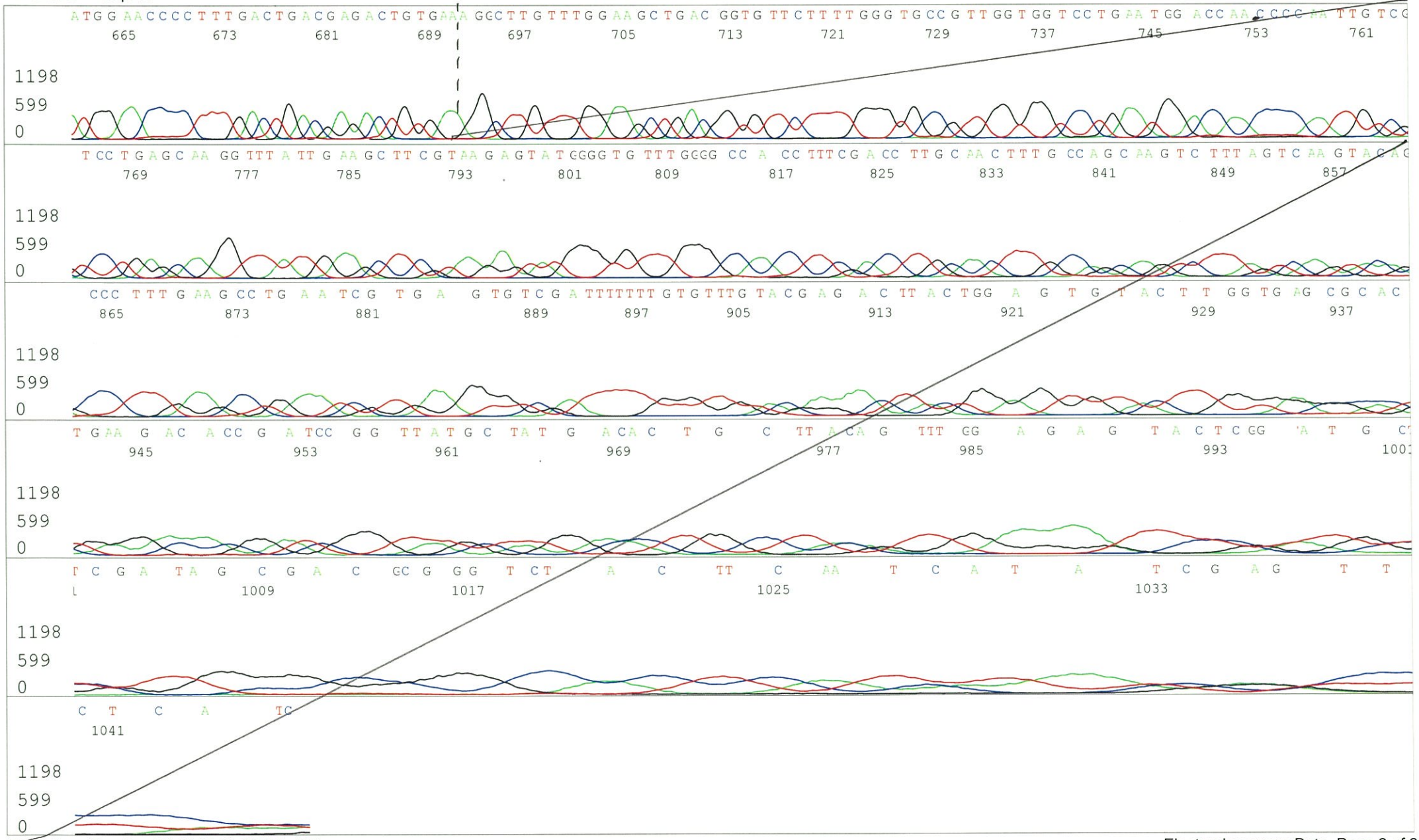

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Applied Biosystems

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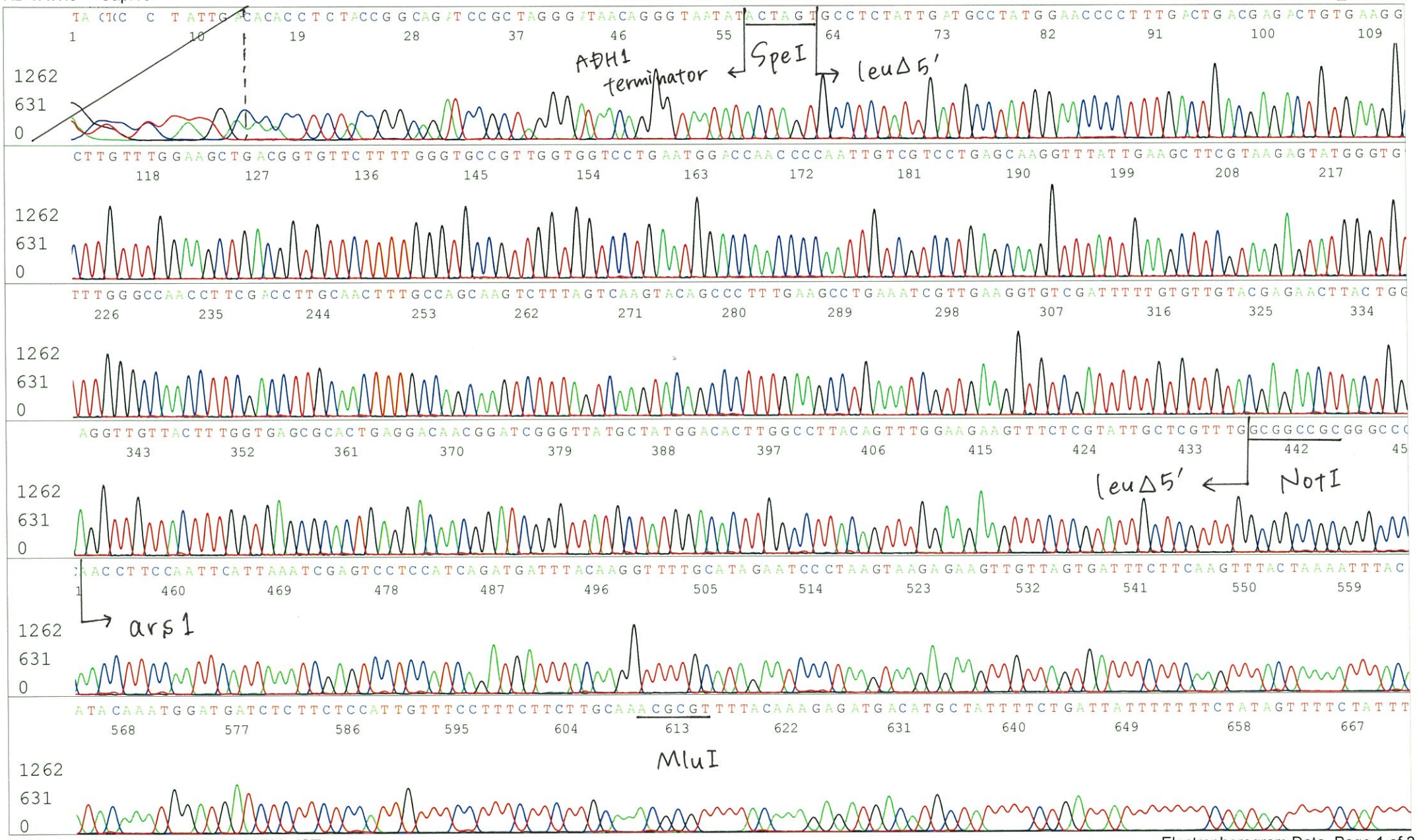
06201_14491_A6L7_ADH-Forward
KB_3500_POP7_BDTv3.mob
Pts 1609 to 13140 Pk1 Loc:1586
Version 6.0 HiSQV Bases: 894

Inst Model/Name 3500/3500 Instrument
Dec 27,2016 11:38AM, JST
Dec 27,2016 12:04PM, JST
Spacing:12.03 Pts/Panel1350
Plate Name: 20161227_dnabank

S/N G:310 A:356 T:380 C:294
KB.bcp
KB 1.4.1.8 Cap:16

primer name B : ADH-Forward
5'- GTCAGGTTGCTTTCTCAGGTATAG -3'



Applied Biosystems

S/N G:310 A:356 T:380 C:294
KB.bcp
KB 1.4.1.8 Cap:16

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06201_14491_A6L7_ADH-Forward
KB_3500_POP7_BDTv3.mob
Pts 1609 to 13140 Pk1 Loc:1586
Version 6.0 HiSQV Bases: 894

Inst Model/Name 3500/3500 Instrument
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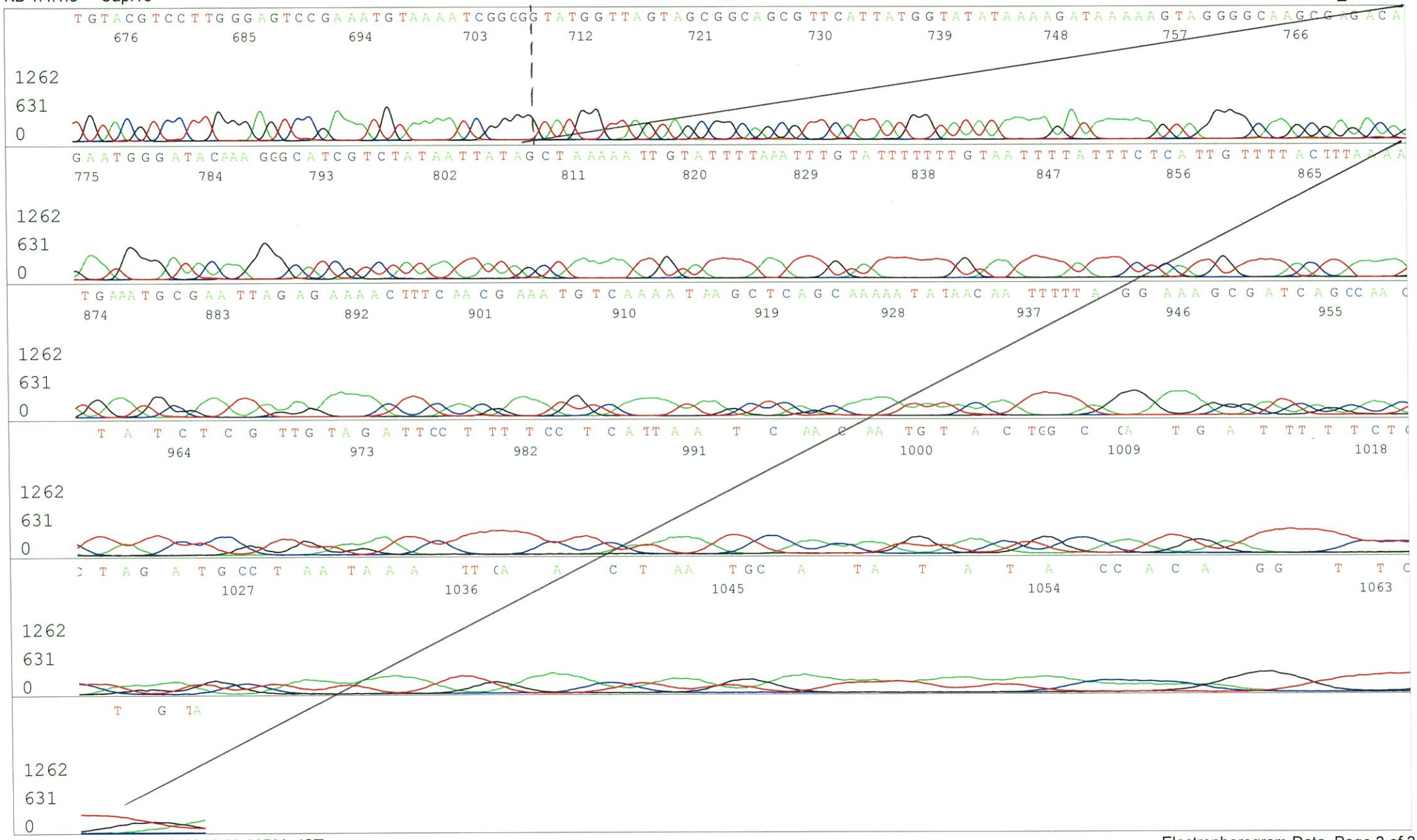
Dec 27,2016 12:04PM, JST
Spacing:12.03 Pts/Panel1350
Plate Name: 20161227_dnabank



Applied Biosystems

S/N G:198 A:280 T:233 C:216
KB.bcp
KB 1.4.1.8 Cap:19

primer name C : f1ori_R3
5'- TTAATGCGCCGCTACAGGGC -3'

06201_14491_A6L7_f1ori_R3_G04_19_ABI24
06201_14491_A6L7_f1ori_R3
KB_3500_POP7_BDTv3.mob
Pts 1541 to 13409 Pk1 Loc:1518
Version 6.0 HiSQV Bases: 859

Inst Model/Name 3500/3500 Instrument
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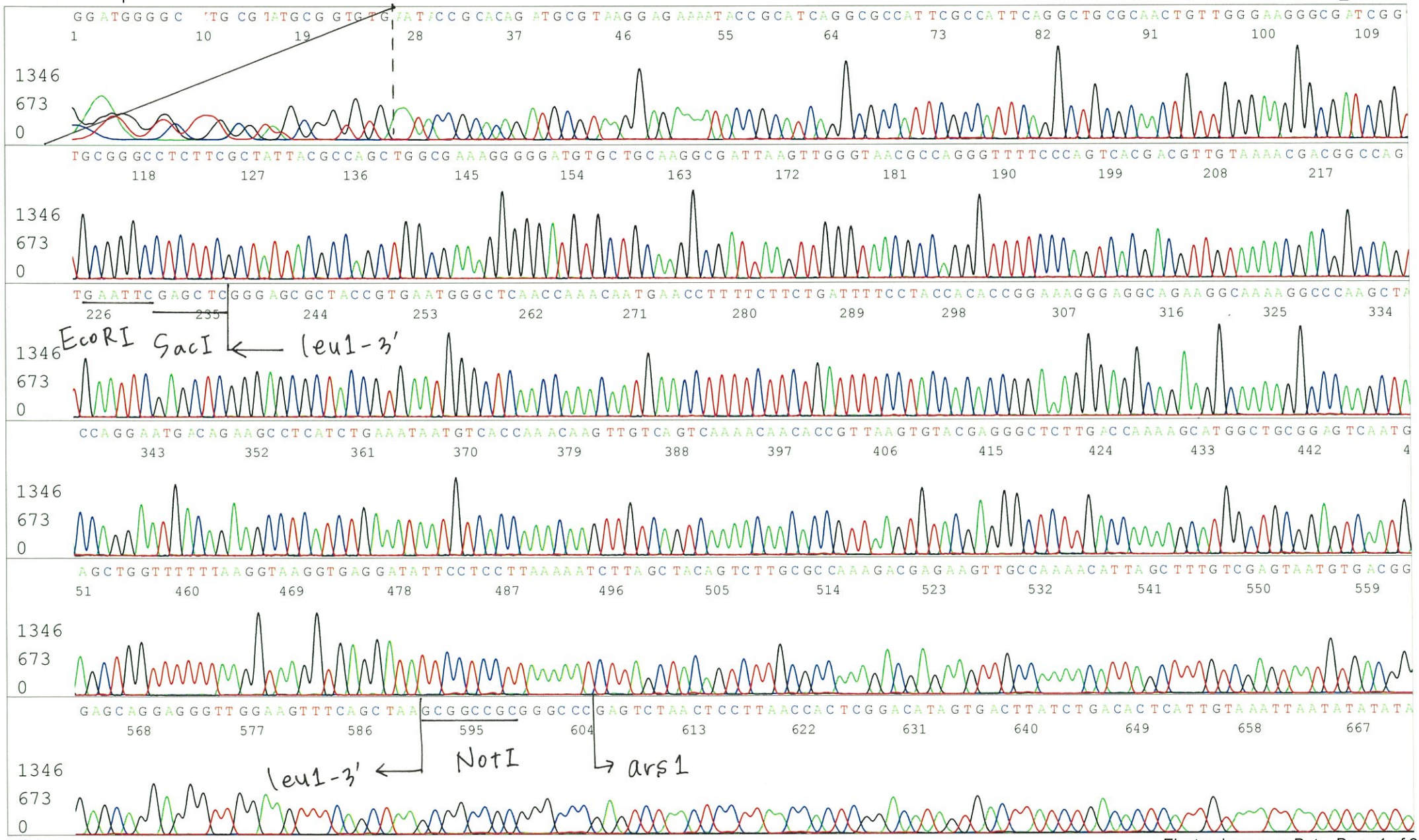
Dec 27,2016 12:04PM, JST
Spacing:12.15 Pts/Panel1350
Plate Name: 20161227_dnabank



Applied Biosystems

S/N G:198 A:280 T:233 C:216
KB.bcp
KB 1.4.1.8 Cap:19

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06201_14491_A6L7_f1ori_R3
KB_3500_POP7_BDTv3.mob
Pts 1541 to 13409 Pk1 Loc:1518
Version 6.0 HiSQV Bases: 859

Inst Model/Name 3500/3500 Instrument
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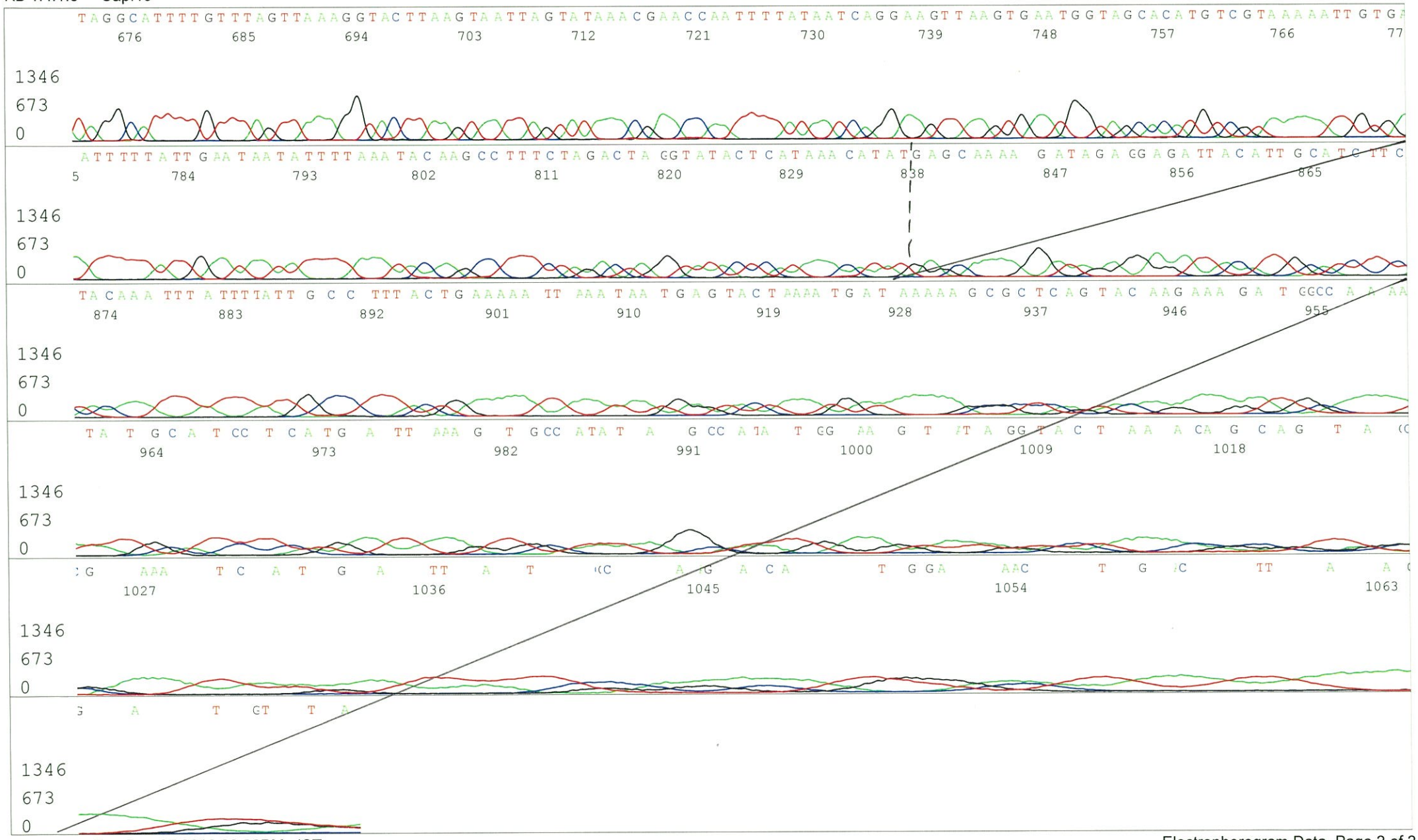
Spacing:12.15 Pts/Panel1350
Plate Name: 20161227_dnabank



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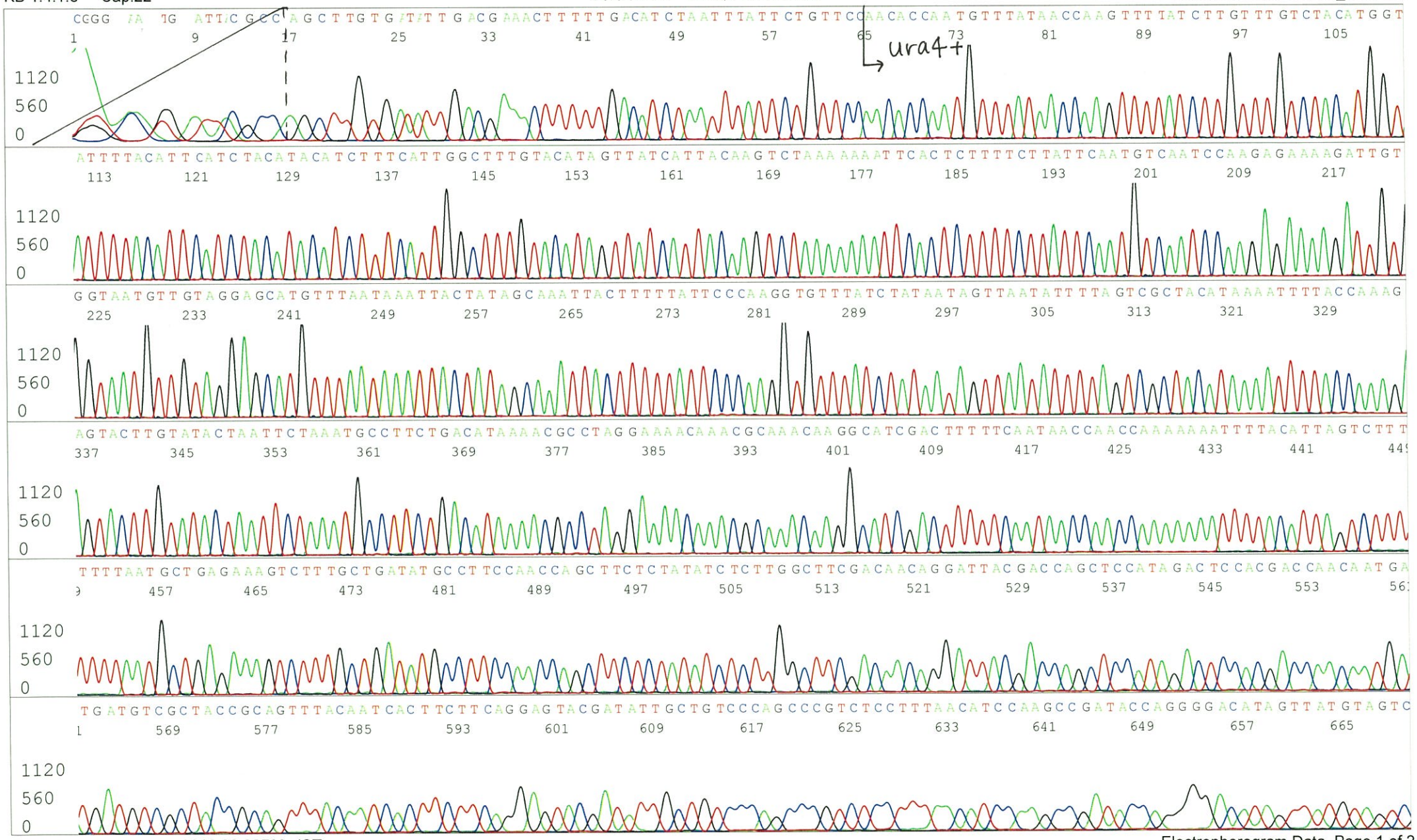
Applied Biosystems

06201_14491_A6L7_Reverse2_H04_22_ABI24
06201_14491_A6L7_Reverse2
KB_3500_POP7_BDTv3.mob
Pts 1561 to 13588 Pk1 Loc:1538
Version 6.0 HiSQV Bases: 830

Inst Model/Name 3500/3500 Instrument
Dec 27,2016 11:38AM, JST
Dec 27,2016 12:04PM, JST
Spacing:12.29 Pts/Panel1350
Plate Name: 20161227_dnabank

S/N G:147 A:327 T:337 C:255
KB.bcp
KB 1.4.1.8 Cap:22

primer name D : Reverse2
5'- GCGGATAACAATTTCACACAGG -3'



Applied Biosystems

S/N G:147 A:327 T:337 C:255
KB.bcp
KB 1.4.1.8 Cap:22

06201_14491_A6L7_Reverse2_H04_22_ABI24
06201_14491_A6L7_Reverse2
KB_3500_POP7_BDTv3.mob
Pts 1561 to 13588 Pk1 Loc:1538
Version 6.0 HiSQV Bases: 830

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Spacing:12.29 Pts/Panel1350
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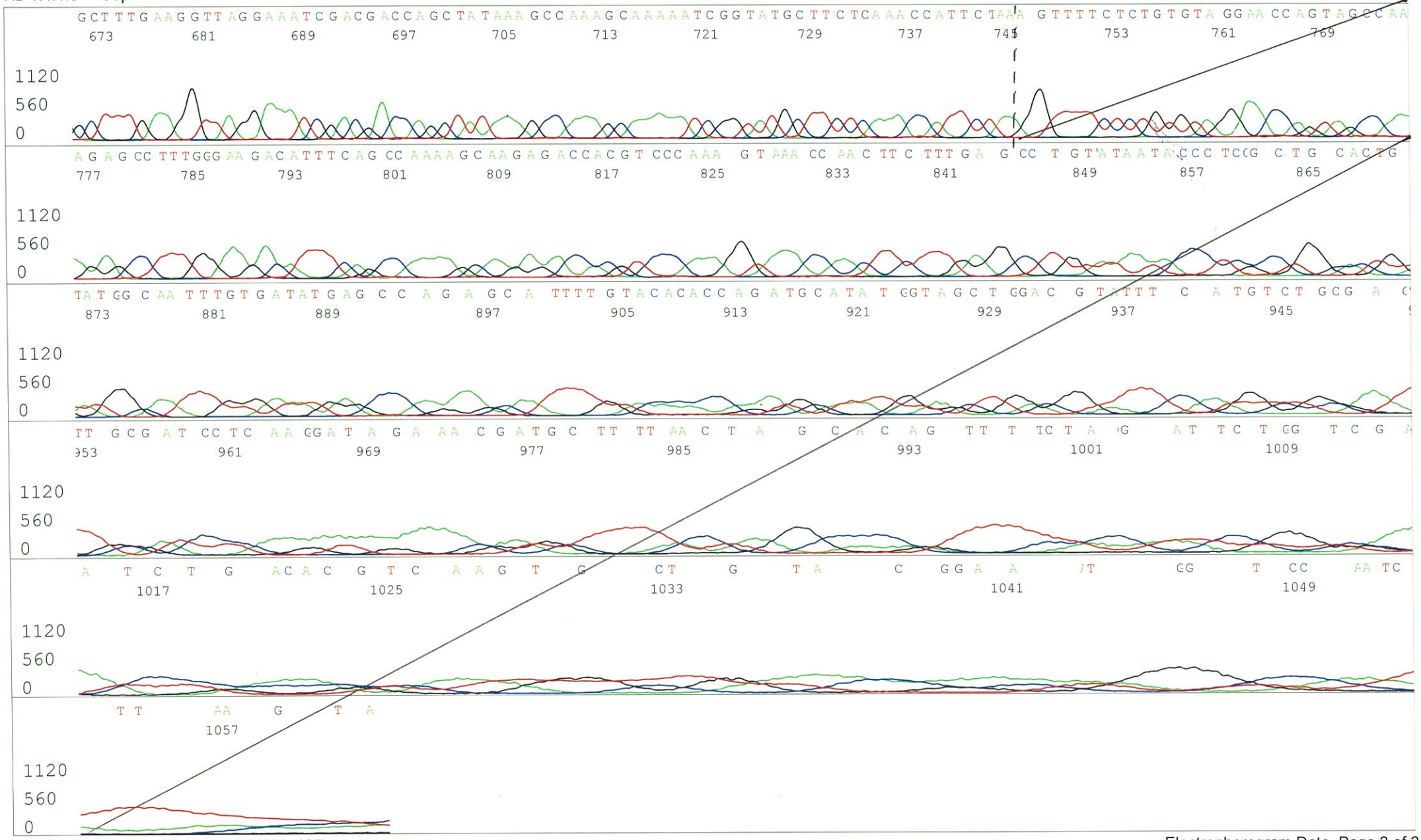

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