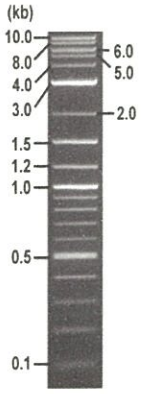
Gene Engineering Division
RIKEN BioResource Center

RIKEN DNA BANK

clone name : AM2.60

- Clone ID : RDB _ 01178
- Lot : 13686 _ A5Jg
- 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 : 92 nanogram DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme		Expected size of fragment	
SalI	:	9.2	kbp
EcoRI	:	6.5, 2.7	kbp
	:		kbp
	:		kbp
	:		kbp

- Confirmation of the insertion sequence

Sequence name	Primer name	Sequence name	Primer name
Sequence – A	M13_-40	Sequence – E	–
Sequence – B	Reverse2	Sequence – F	–
Sequence – C	–	Sequence – G	–
Sequence – D	–	Sequence – H	–

APPROVED BY :

確認
15.10.28
金藤

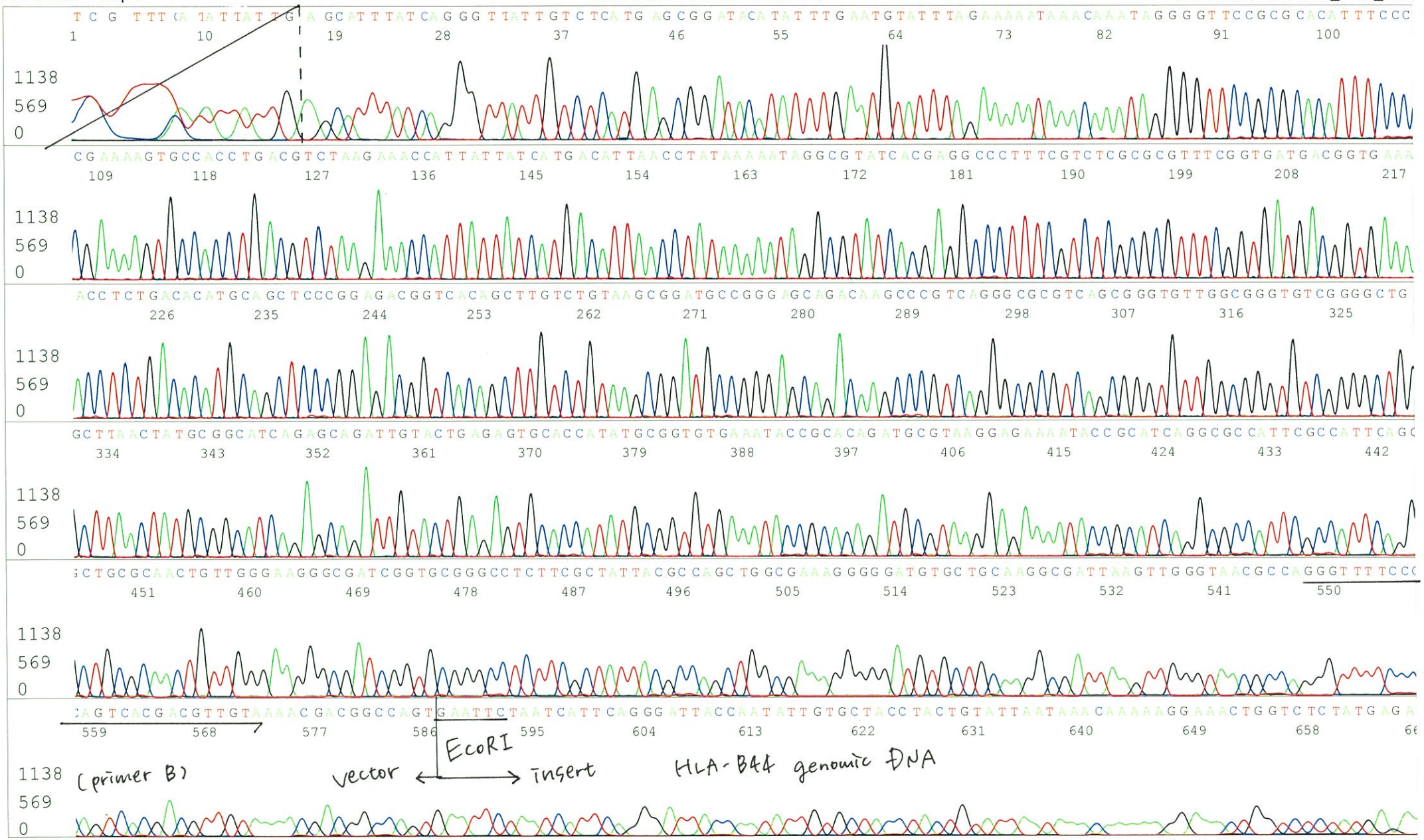
Applied Biosystems

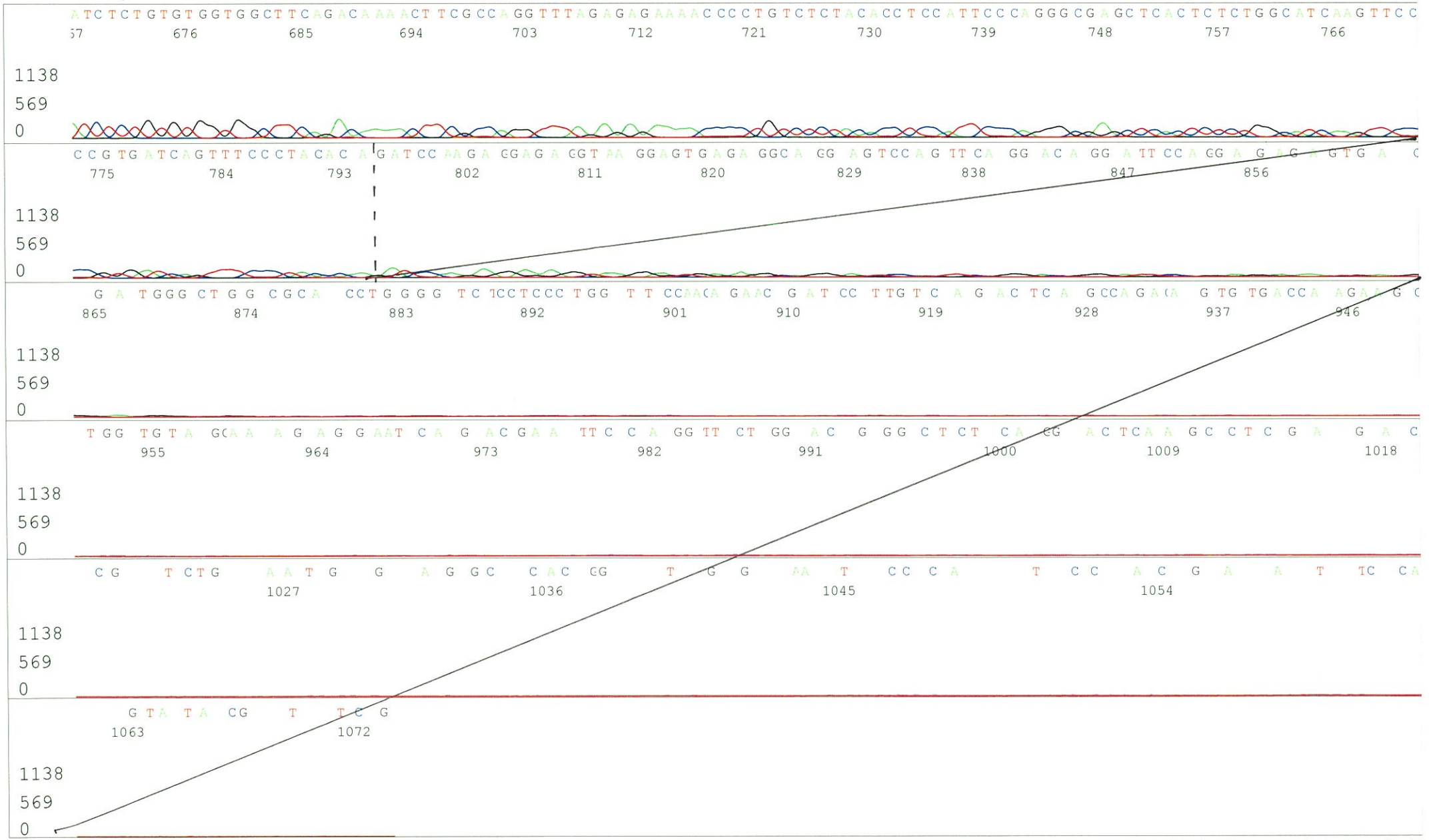
S/N G:466 A:294 T:309 C:303
KB.bcp
KB 1.4.1.8 Cap:5

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

01178_13686_A5Jg_Amp_R_B08_05
01178_13686_A5Jg_Amp_R
KB_3500_POP7_BDTv3.mob
Pts 1596 to 12910 Pk1 Loc:1573
Version 6.0 HiSQV Bases: 857

Inst Model/Name 3500/3500 Instrument
Oct 27,2015 02:09PM, JST
Oct 27,2015 02:45PM, JST
Spacing:11.31 Pts/Panel1350
Plate Name: 20151027_bank_JCM



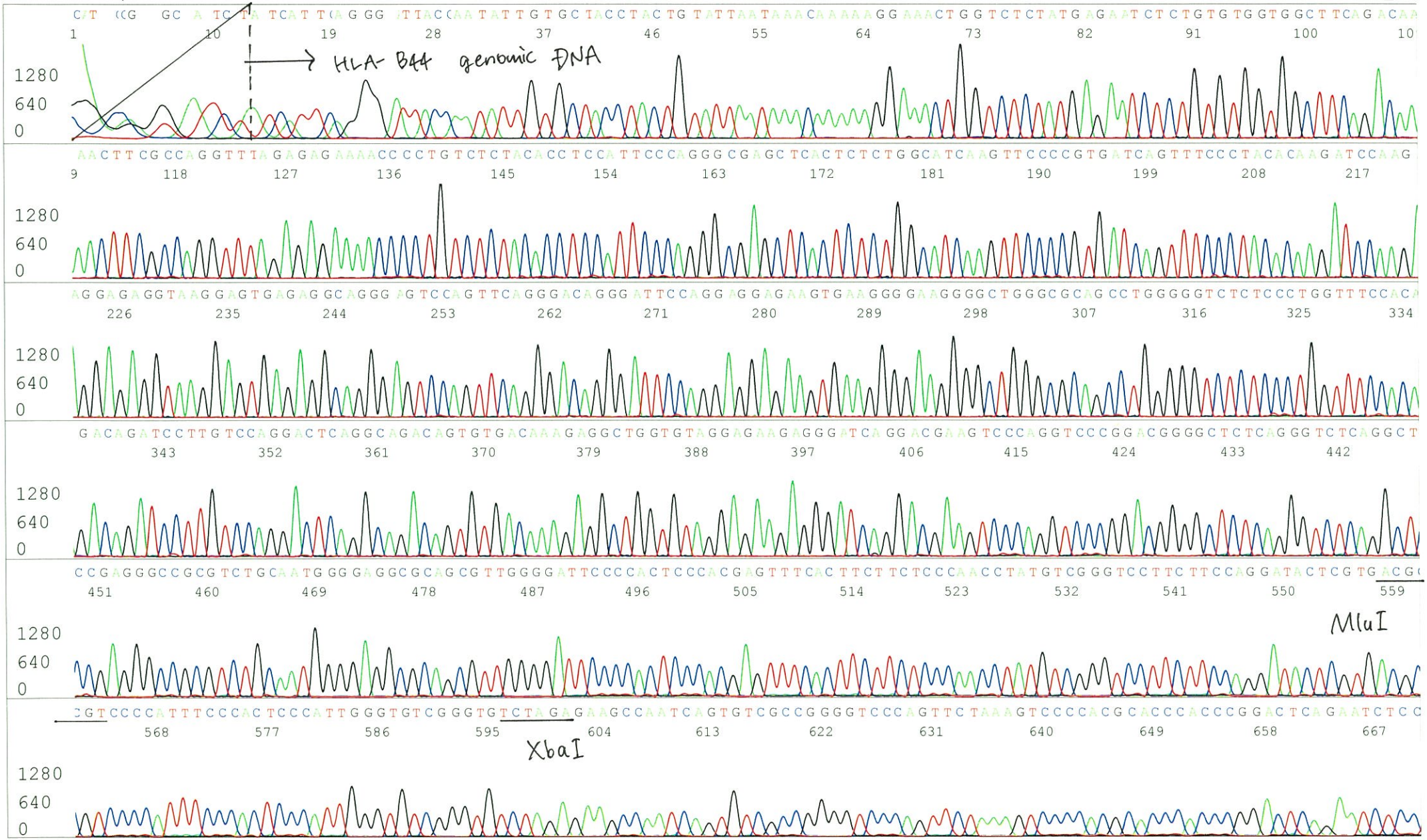

1138
569
0

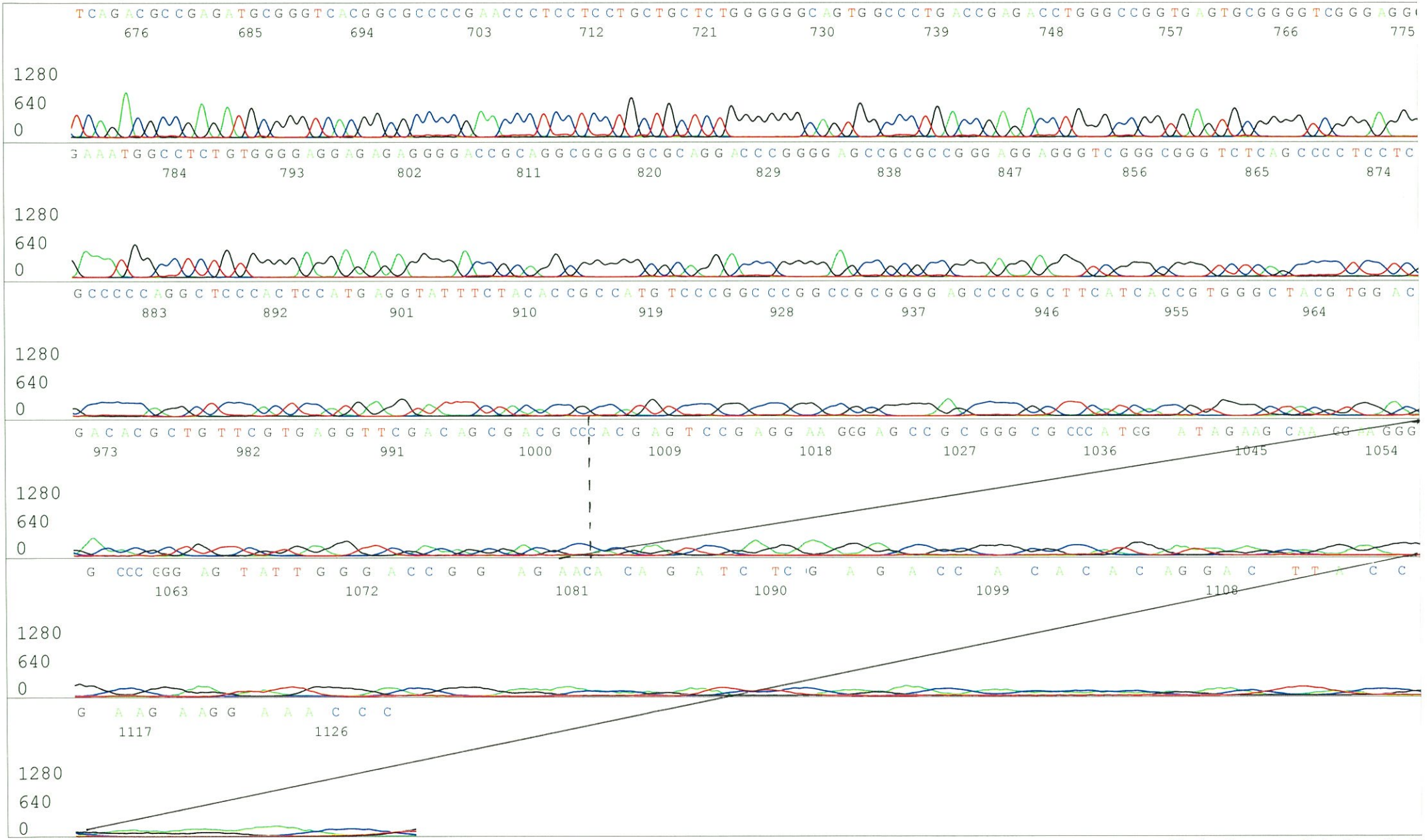
Applied Biosystems

S/N G:264 A:202 T:213 C:266 primer name B : M13_-40
KB.bcp 5'-GTTTTCCCAGTCACGACGTTGTA-3'
KB 1.4.1.8 Cap:3

01178_13686_A5Jg_M13(-40)_A06_03
01178_13686_A5Jg_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1455 to 12819 Pk1 Loc:1432
Version 6.0 HiSQV Bases: 979

Inst Model/Name 3500/3500 Instrument
Oct 22,2015 01:56PM, JST
Oct 22,2015 02:33PM, JST
Spacing:11.26 Pts/Panel1350
Plate Name: 20151022_mix

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676 685 694 703 712 721 730 739 748 757 766 775
1280
640
0
GAAATGGCCTCTGTGGGGAGGAGAGAGGGGACCGCAGGCGGGGGCGCAGGACCCGGGGAGCCGCGCCGGAGGAGGGTCGGGCGGGGTCTCAGCCCCTCCTC
784 793 802 811 820 829 838 847 856 865 874
1280
640
0
GCCCCCAGGCTCCCACTCCATGAGGTATTTCTACACCGCCATGTCCCGGCCCGGCCGCGGGGAGCCCCCGCTTCATCACCGTGGGGCTACGTGGAC
883 892 901 910 919 928 937 946 955 964
1280
640
0
GACACGCTGTTCGTGAGGTTCGACAGCGACGCCCACGAGTCCGAGGAAGCGAGCCGCGGGCGCCCATCGATAGAAGCAACGGGG
973 982 991 1000 1009 1018 1027 1036 1045 1054
1280
640
0
GCCCGGGAGTATTGGGACCGGAGAACACAGATCTCGAGACCACACACAGGACTTCC
1063 1072 1081 1090 1099 1108
1280
640
0
GAAGAAGGAAACCC
1117 1126
1280
640
0

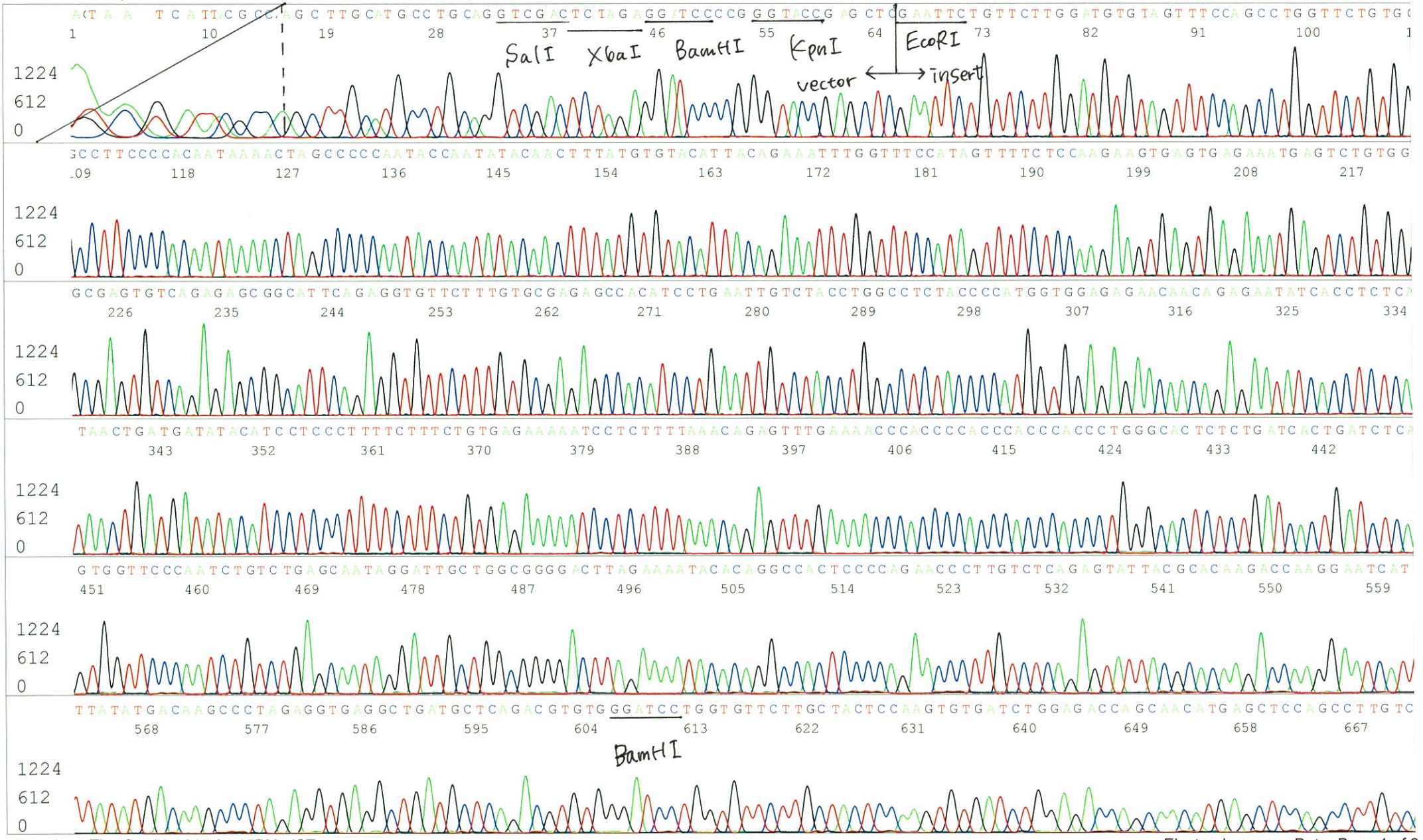
Applied Biosystems

S/N G:467 A:370 T:455 C:430
KB.bcp
KB 1.4.1.8 Cap:6

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

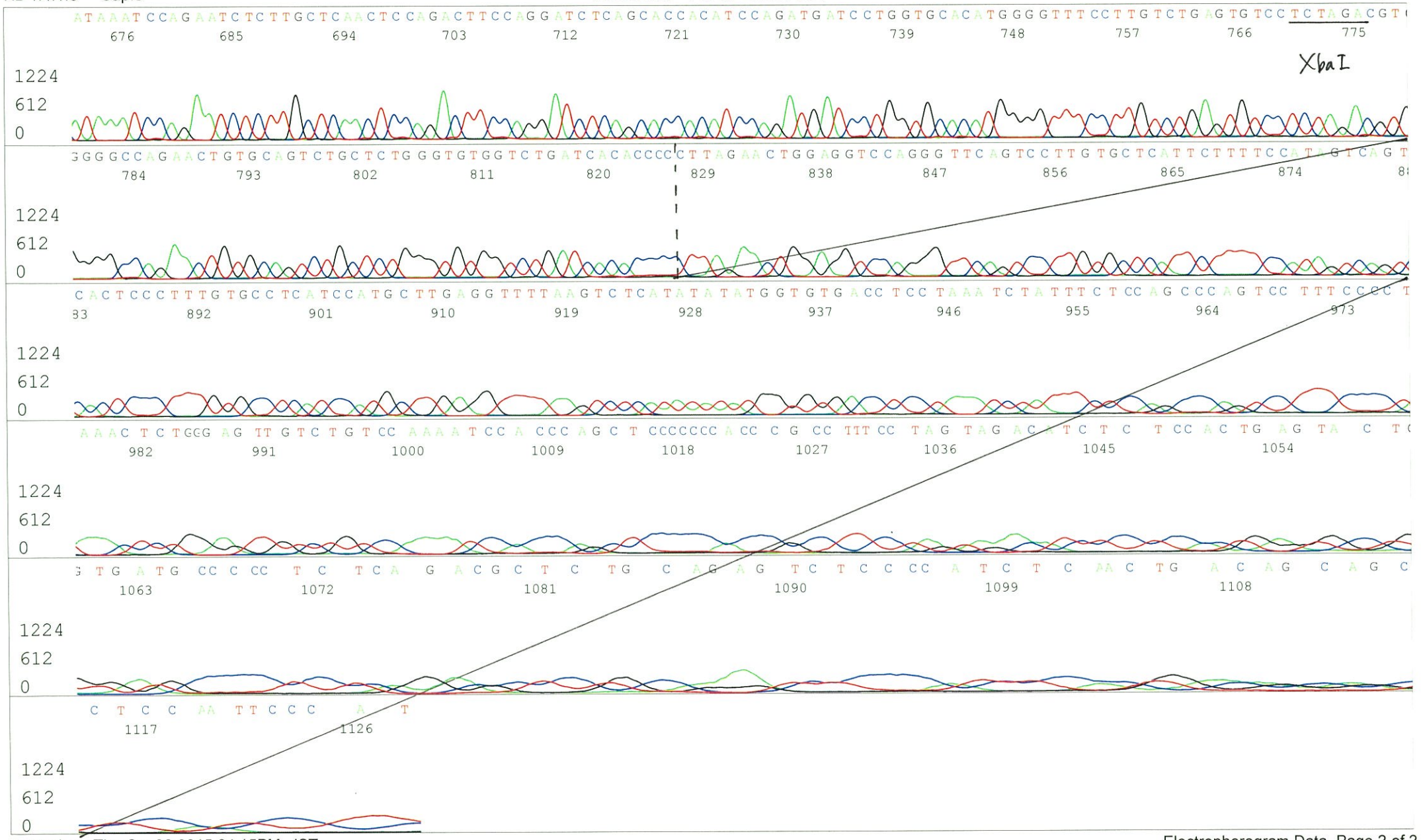
01178_13686_A5Jg_Reverse2_B06_06
01178_13686_A5Jg_Reverse2
KB_3500_POP7_BDTv3.mob
Pts 1402 to 12830 Pk1 Loc:1379
Version 6.0 HiSQV Bases: 982

Inst Model/Name 3500/3500 Instrument
Oct 22,2015 01:56PM, JST
Oct 22,2015 02:33PM, JST
Spacing:11.34 Pts/Panel1350
Plate Name: 20151022_mix



Applied Biosystems

S/N G:467 A:370 T:455 C:430
KB.bcp
KB 1.4.1.8 Cap:6

01178_13686_A5Jg_Reverse2_B06_06
01178_13686_A5Jg_Reverse2
KB_3500_POP7_BDTv3.mob
Pts 1402 to 12830 Pk1 Loc:1379
Version 6.0 HiSQV Bases: 982

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Oct 22,2015 01:56PM, JST
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Spacing:11.34 Pts/Panel1350
Plate Name: 20151022_mix