Genome Network Project_Full -Length cDNA clone Gene Engineering DivisionRIKEN BioResource Center

RIKEN_Clone_ID : IRAK026K03

Lot#: 7893_A3L2

Vector : pCMV-SPORT6

Gene	TMEM23		
Accession No.	BC042899.1	3028 bp	1..3028
	CDS	1242 bp	216..1457

● Plasmid DNA purification

Date : 131202

Culture : LB (100 ug/ml Ampicillin) 5 ml -> at 37 deg C over night

Date : 131203

Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 131204

DNA concentration (O.D.): 248 ng/ul

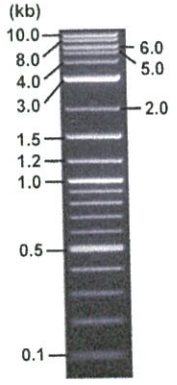
DNA	0.2 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.8 ul
Total	10 ul

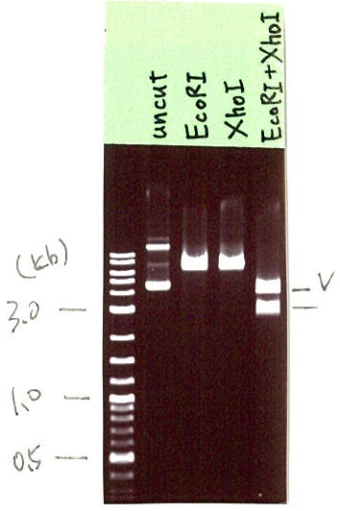
< Size of fragment expected from IRAK026K03 >

EcoRI	7410 bp	
XhoI	7410 bp	
EcoRI + XhoI	4339bp (Vector)	3071 bp

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder (NEB#N3200L)





● Confirmation of the insertion sequence

Date : 131205

Primer A	Reverse2
Primer B	M13
Primer C	-
List of Sequencing Primers	http://dna.brc.riken.jp/en/GNPclone3en.html

● Adjustment of DNA concentration

Shipping amount : 40 ul

Concentration at the time of preparation of plasmid DNA : 25 ng/ul

Date : 131205

DNA (248 ng/ul)	85.0	ul
10x TE	84.3	ul
dH_2O	673.9	ul
Total	843.2	ul

確認 13.12.05 中島

APPROVED BY :

http://dna.brc.riken.jp/index.html

Applied Biosystems

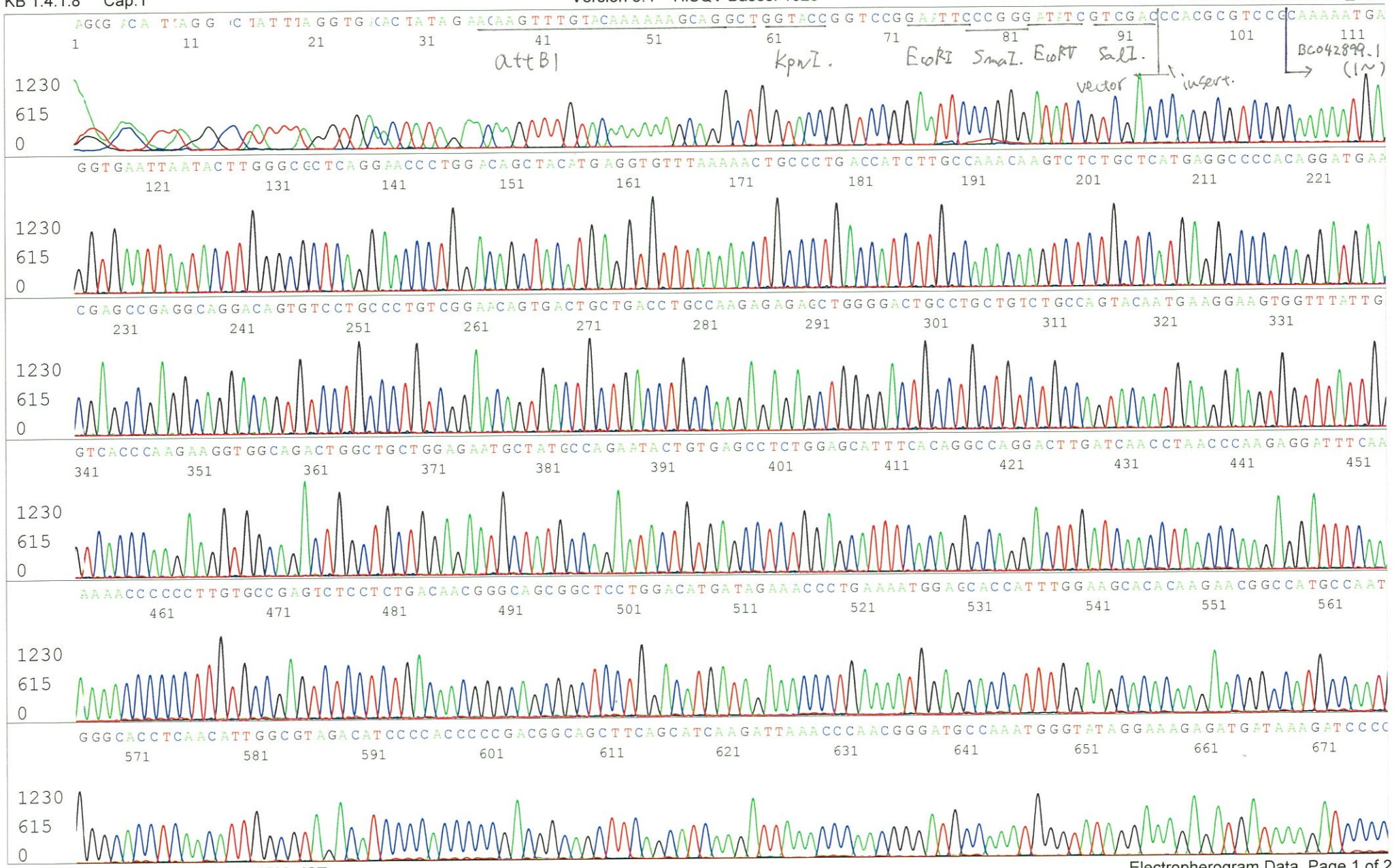
S/N G:108 A:88 T:62 C:59
KB.bcp
KB 1.4.1.8 Cap:1

Primer A : Reverse2

5' GCGGATAACAATTTCACACAGG 3'

IRAK026K03_A3L2_Reverse2_A04_01
IRAK026K03_A3L2_Reverse2
KB_3500_POP7_BDTv3.mob
Pts 1320 to 13522 Pk1 Loc:1297
Version 5.4 HiSQV Bases: 1025

Inst Model/Name 3500/3500 Instrument
Dec 05,2013 02:43PM, JST
Dec 05,2013 03:10PM, JST
Spacing:12.01 Pts/Panel1350
Plate Name: 20131205_JCM



Applied Biosystems

S/N G:108 A:88 T:62 C:59
KB.bcp
KB 1.4.1.8 Cap:1

IRAK026K03_A3L2_Reverse2_A04_01
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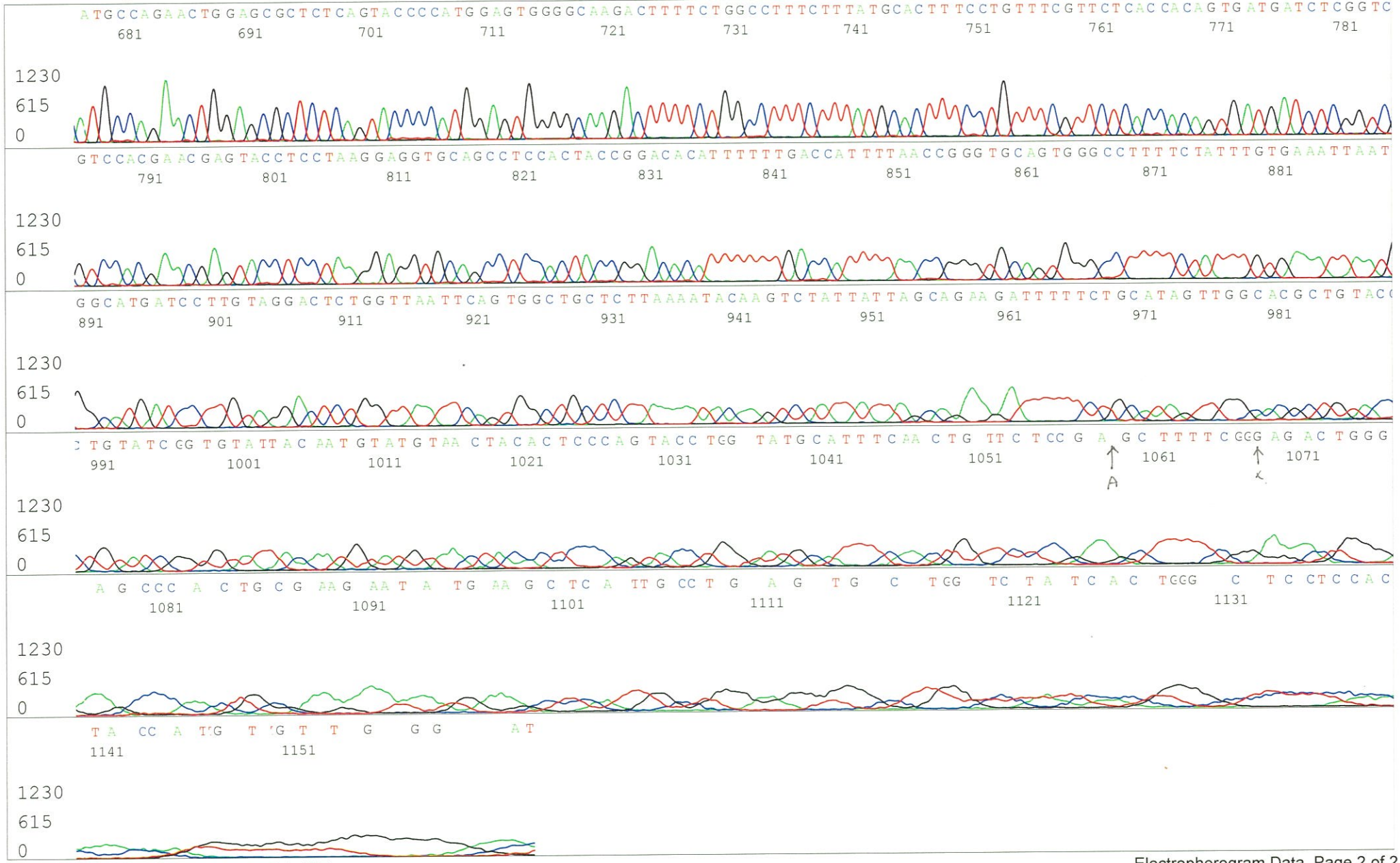

Applied Biosystems

S/N G:152 A:223 T:211 C:
KB.bcp
KB 1.4.1.8 Cap:4

Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

IRAK026K03_A3L2_M13(-40)_B04_04
IRAK026K03_A3L2_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1318 to 13543 Pk1 Loc:1295
Version 5.4 HiSQV Bases: 1035

Inst Model/Name 3500/3500 Instrument
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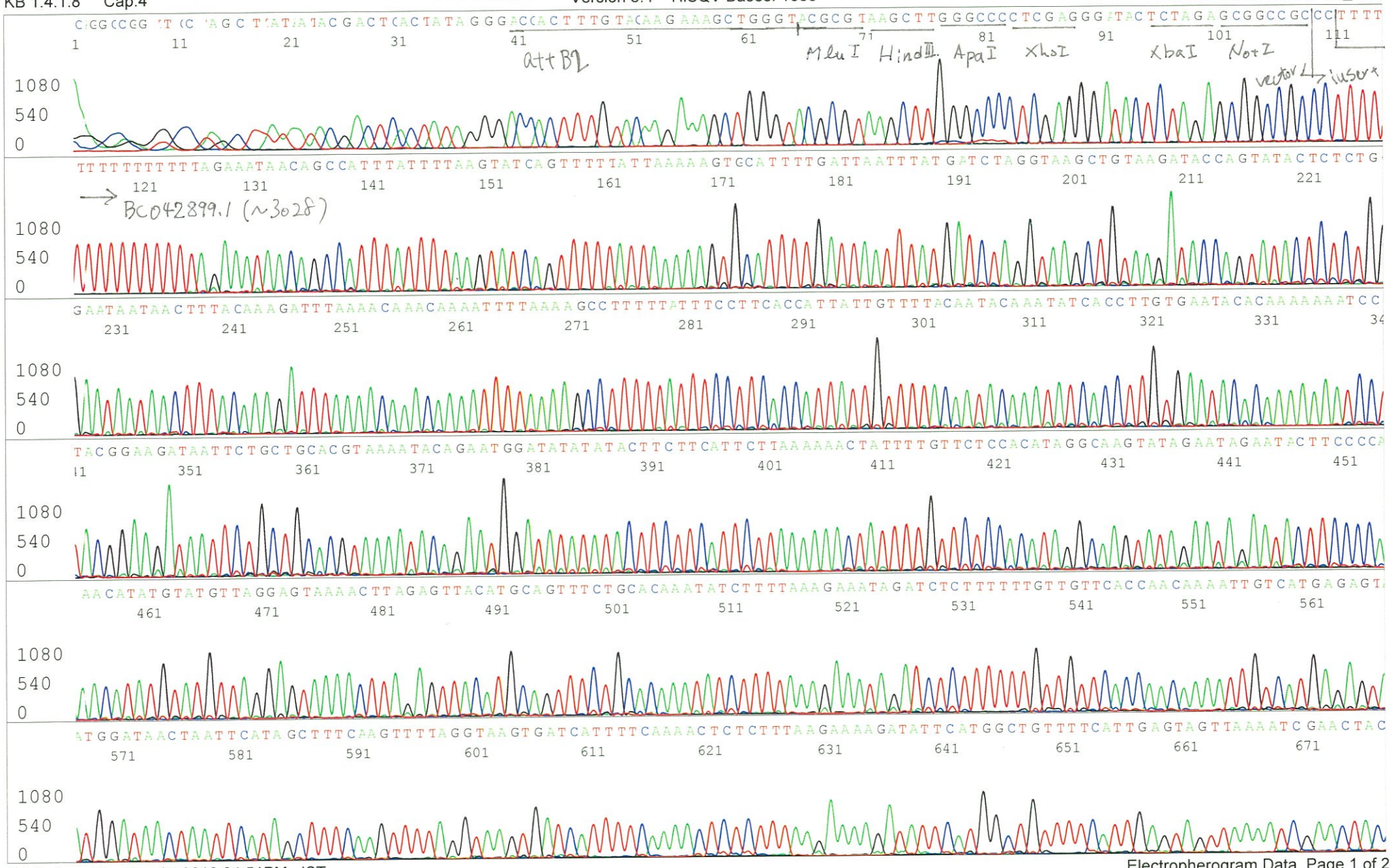
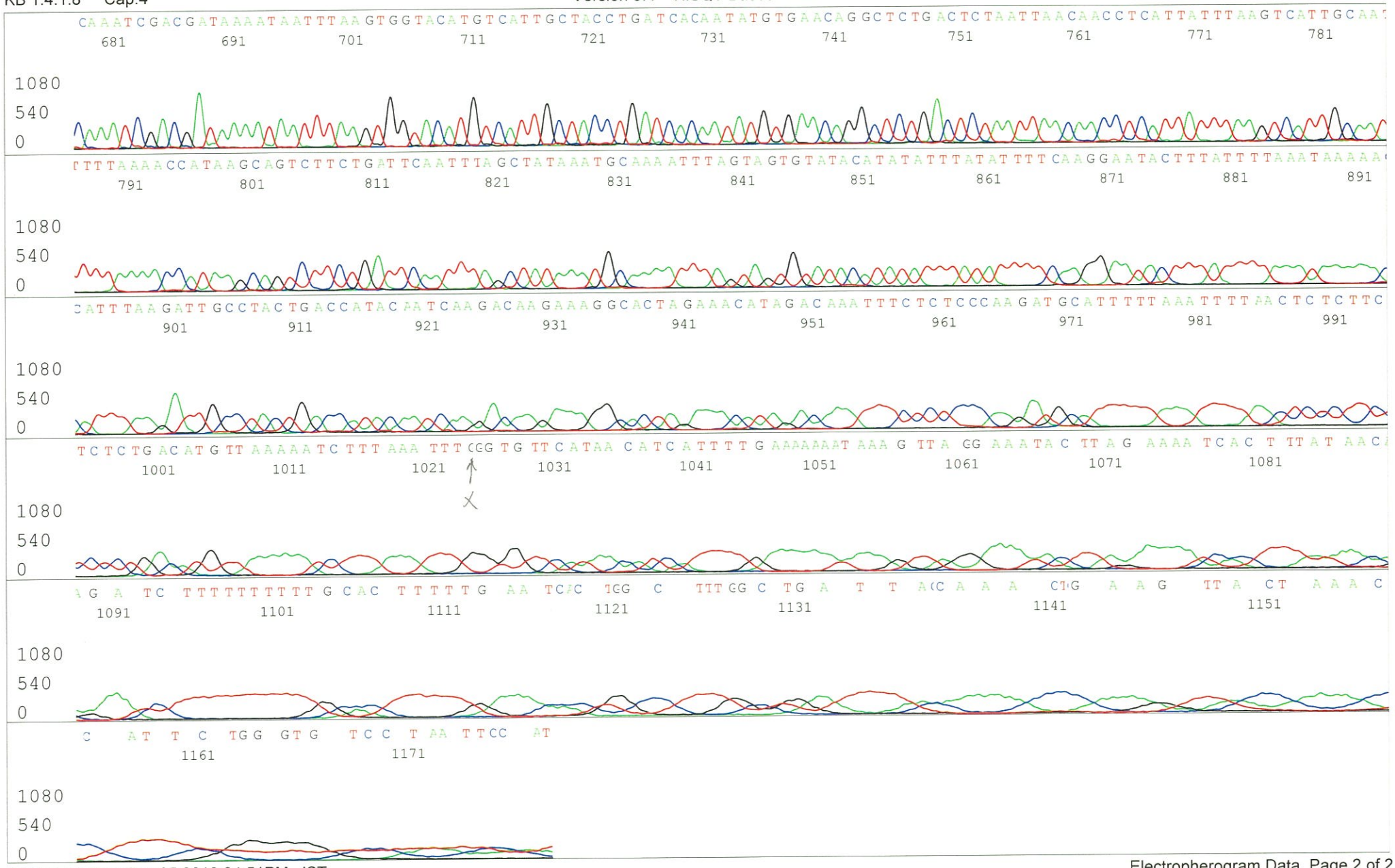
Dec 05,2013 03:10PM, JST
Spacing:11.97 Pts/Panel1350
Plate Name: 20131205_JCM



Applied Biosystems

S/N G:152 A:223 T:211 C:119
KB.bcp
KB 1.4.1.8 Cap:4

IRAK026K03_A3L2_M13(-40)_B04_04
IRAK026K03_A3L2_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1318 to 13543 Pk1 Loc:1295
Version 5.4 HiSQV Bases: 1035

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