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

RIKEN_Clone_ID : IRAK089E01

Lot#: 7893_A5D9

Vector : pCMV-SPORT6

Gene	MEIS1	
Accession No.	BC043503.1	2902 bp
	CDS	1173 bp

● Plasmid DNA purification

Date : 150409

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

Date : 150410

Purification : QIAGEN Miniprep kit -> dH_2O 100 ul

● Digestion by restriction enzyme/Concentrarion calibration

Date : 150410

DNA concentration (O.D.): 113 ng/ul

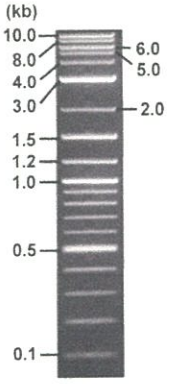
DNA	0.45 ul
Enzyme (EcoRI + XhoI)	0.5 + 0.5 ul
Buffer H	1 ul
dH_2O	7.55 ul
Total	10 ul

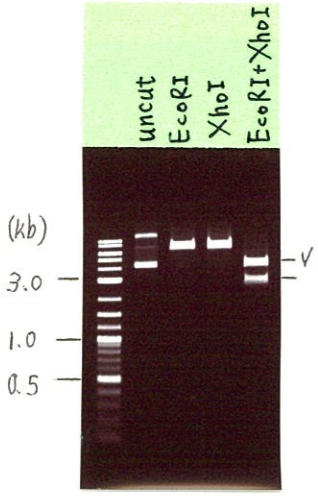
< Size of fragment expected from this clone >

EcoRI	7.2 kb
XhoI	7.2 kb
EcoRI + XhoI	4.3kb (Vector) 2.9 kb

Erectrophoresis : 1% agarose gel, 1x TAE Buffer

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





● Adjust plasmid DNA solution to 25 ng/ul

Date : 150415

DNA (113 ng/ul)	82.0 ul
10x TE	37.1 ul
dH_2O	251.5 ul
Total	370.6 ul

● Confirmation of the insertion sequence

Date : 150415

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

● Shipping

☑ Conc. : 25 ng/ μ l, Volume : 40 μ l

☐ ~~Conc. : ng/ μ l, Volume : μ l~~

APPROVED BY :

確認 15.4.15 笹沼

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

Applied Biosystems

S/N G:759 A:555 T:464 C:483
KB.bcp
KB 1.4.1.8 Cap:19

Primer A : Reverse2

5' GCGGATAACAATTTCACACAGG 3'

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KB_3500_POP7_BDTv3.mob
Pts 1276 to 13118 Pk1 Loc:1253
Version 6.0 HiSQV Bases: 1001

Inst Model/Name 3500/3500 Instrument
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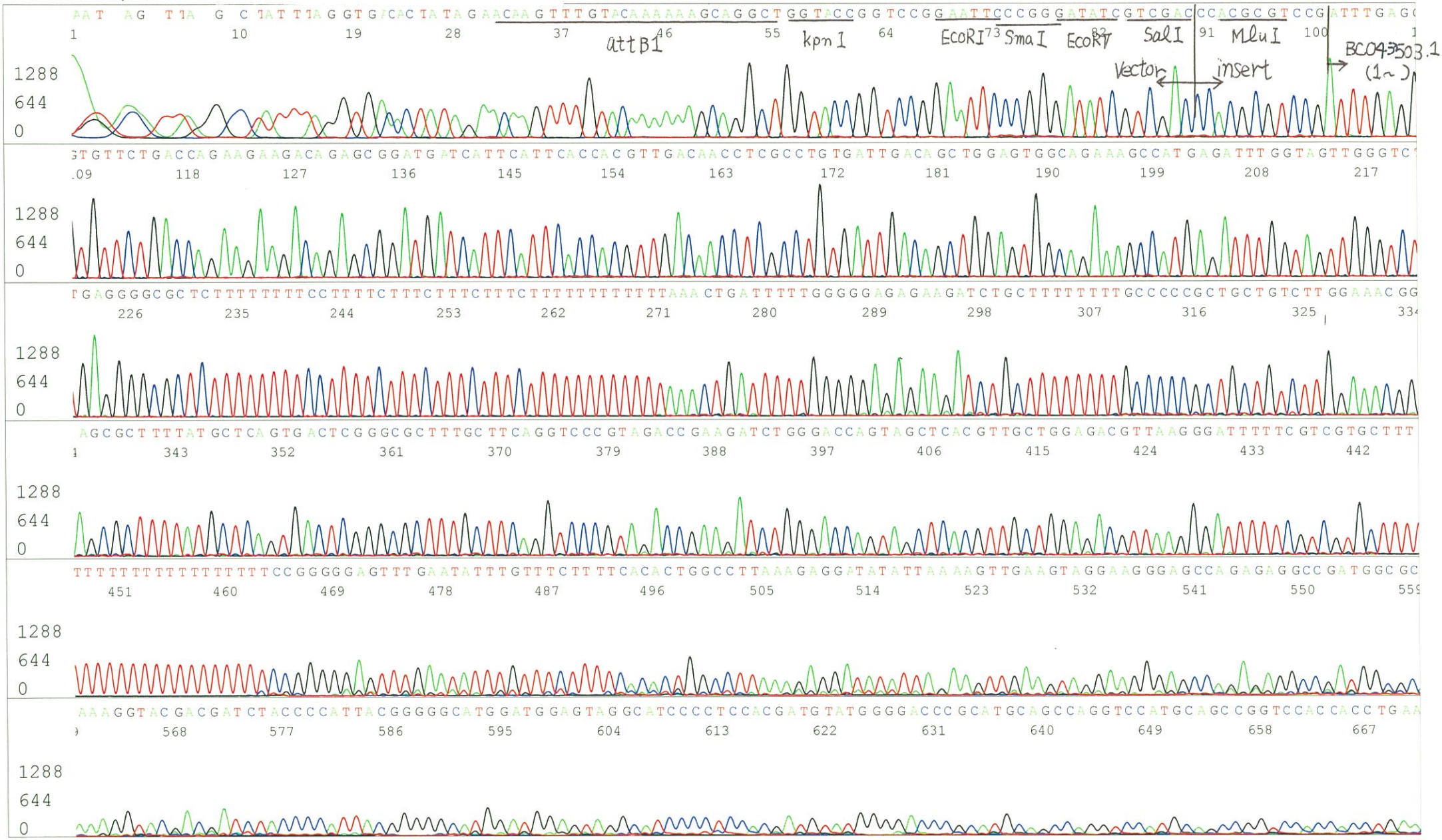
Apr 15,2015 10:12AM, JST
Spacing:11.75 Pts/Panel1350
Plate Name: 20150415_mix



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1288
644
0
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84 793 802 811 820 829 838 847 856 865 874 883 892
1288
644
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901 910 919 928 937 946 955 964 973 982 991 1000
1288
644
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1009 1018 1027 1036 1045 1054 1063 1072 1081 1090
1288
644
0
'A T CG A TTT G TTG A T A G A C G A T G A G A G A G A TCC A A 'CC G ACC G 'GC A A G A A T T A C A GG AA T C AG C A A T C T T
099 1108 1117 1126 1135 1144 1153 1162
1288
644
0
A C TG A C C A G GC C C TC C TG
1171 1180
1288
644
0

Applied Biosystems

S/N G:317 A:273 T:247 C:215
KB.bcp
KB 1.4.1.8 Cap:22

Primer B : M13

5' GTTTTCCCAGTCACGACGTTGTA 3'

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IRAK089E01_A5D9_M13(-40)
KB_3500_POP7_BDTv3.mob
Pts 1291 to 13089 Pk1 Loc:1268
Version 6.0 HiSQV Bases: 999

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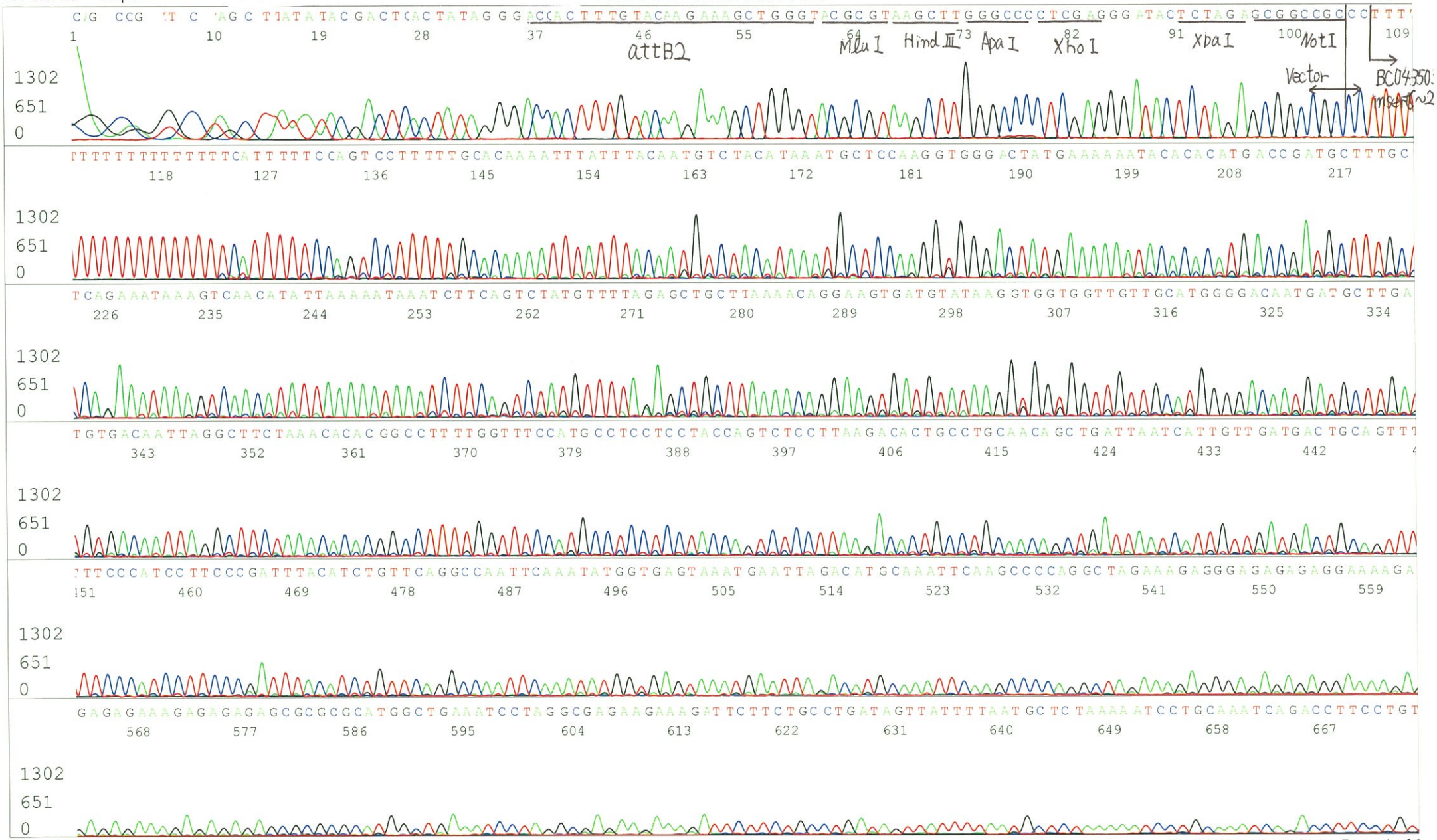

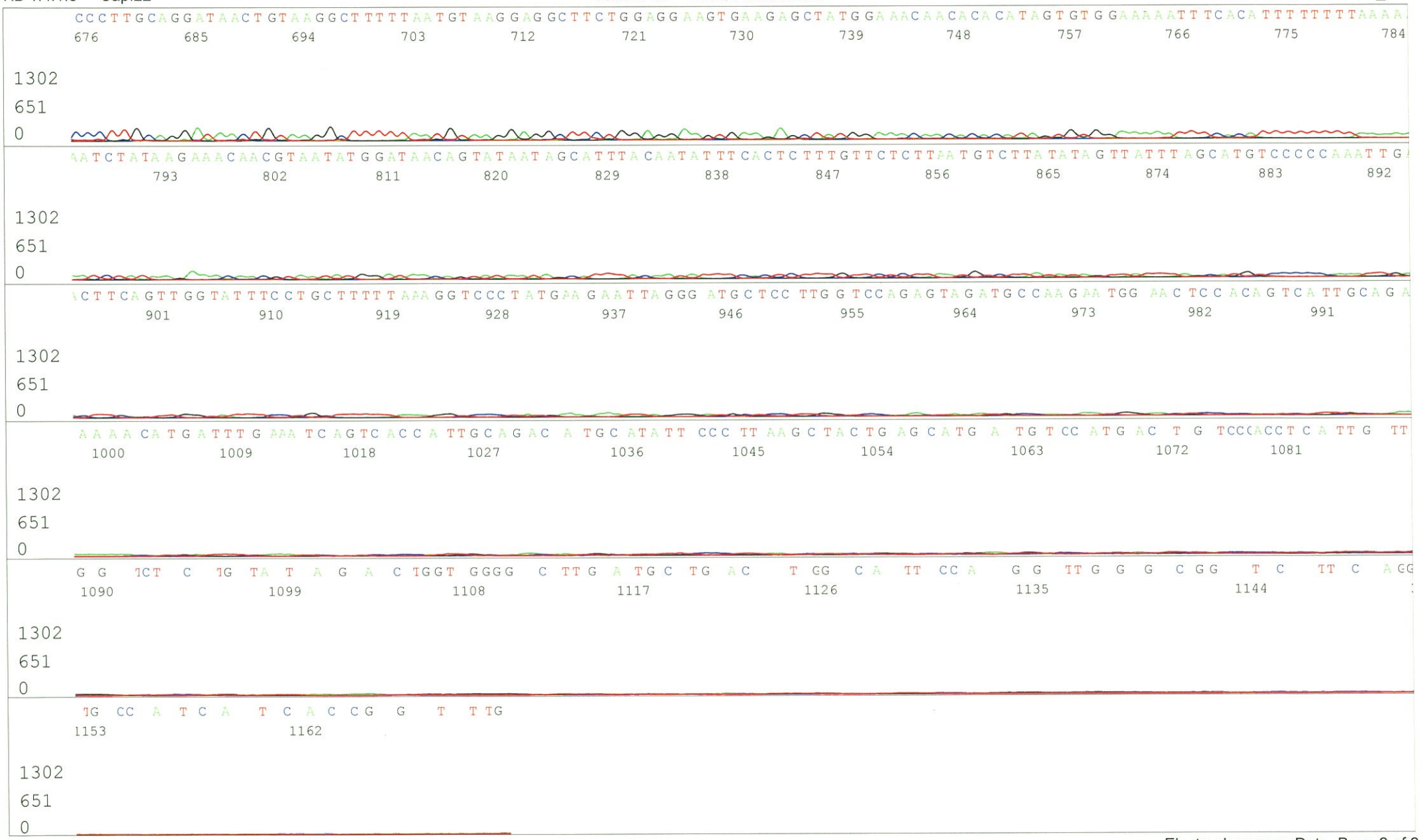
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1302
651
0
AATCTATAAGAAACAACGTAATATGGATAACAGTATAATAGCATTTACAATATTTCACTCTTTGTTCTCTTAATGTCTTATATAGTTATTTAGCATGTCCCCCAAATTG
793 802 811 820 829 838 847 856 865 874 883 892
1302
651
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ACTTCAGTTGGTATTTCCTGCTTTTTAAAGGTCCCTATGAAGAATTAGGGATGCTCCTTGGTCCAGAGTAGATGCCAAGAATGGAACTCCACAGTCATTGCAGA
901 910 919 928 937 946 955 964 973 982 991
1302
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1302
651
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G G TCT C TG TA T A G A C TGGT GGGG C TT G A TG C TG AC T GG C A TT CC A G G TT G G G C GG T C TT C AGG
1090 1099 1108 1117 1126 1135 1144
1302
651
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TG CC A T C A T C A C CG G T T TG
1153 1162
1302
651
0