

RIKEN clone ID: IRCB003022

Vector : pCR4-TOPO

Gene	CEBPD		
Accession No.	BC105109.1	879 bp	1..879
	<i>CDS</i>	810 bp	40..849

●Plasmid DNA purification

Date : 100629 Culture : LB (25 ug/ml Kanamycin) 3 ml →37°C O/N

Date : 100630 Purification : QIAGEN Miniprep kit→dH₂O 100 ul

●Digestion by restriction enzyme / Concentration calibration

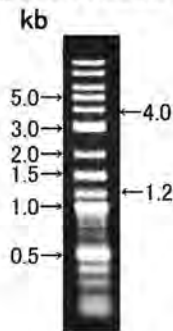
Date : 100630

DNA concentration (O.D.): 44.24 ng/ul

DNA	2 ul
Enzyme (EcoRI)	1 ul
Buffer H	1 ul
dH ₂ O	6 ul
Total	10 ul

Erectrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from BC105109.1>

3937, 898 bp

●Adjust plasmid DNA solution to 25 ng/ul ~preparation for shipping~

Date : 100905 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

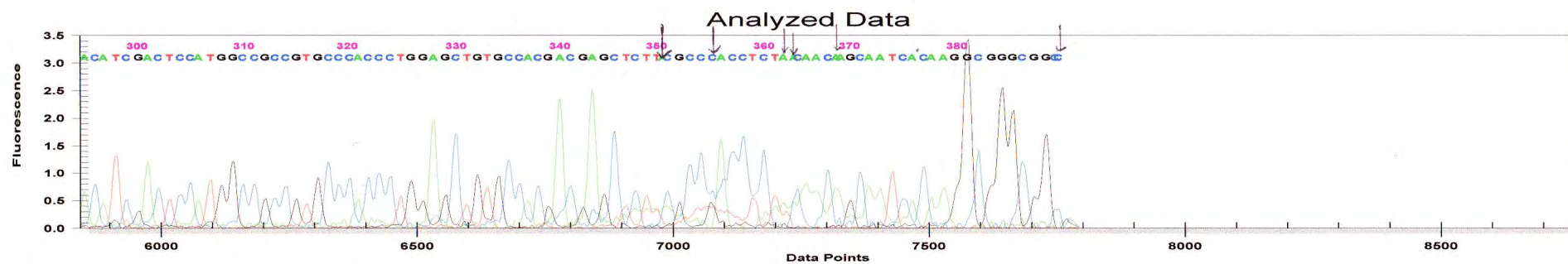
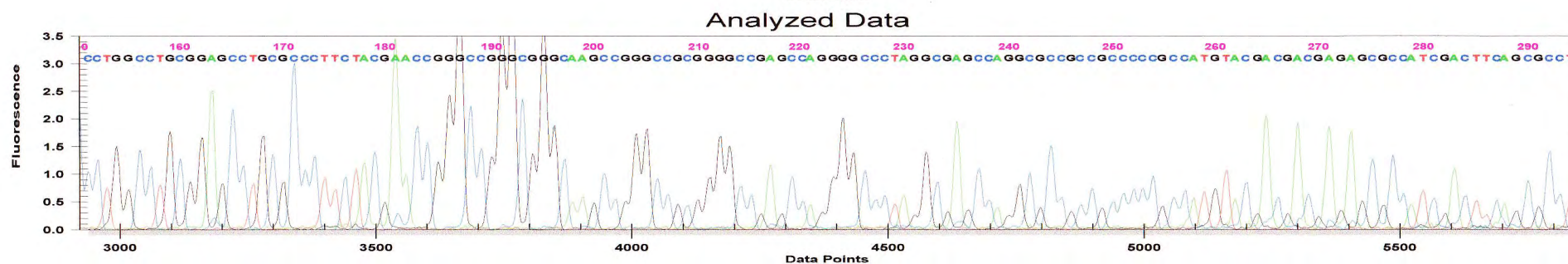
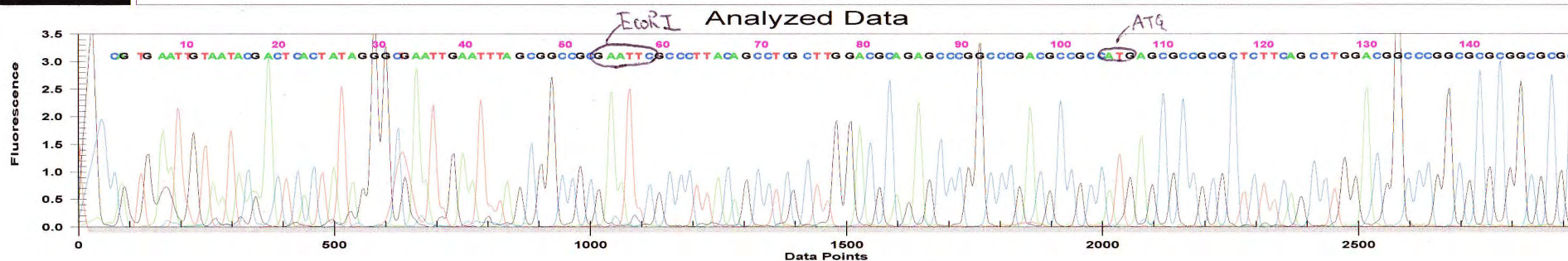
DNA (<u>44.24</u> ng/ul)	84 ul
10 × TE	14.9 ul
dH ₂ O	44.8 ul
Total	148.6 ul



Project : GNP
Sample : IRCB003O22_M13.A10_10070210GK
Result : IRCB003O22_M13.A10_10070210GK

System : CEQ System

Operator : 2.100702.furu
Instrument : CEQ System (Ver. 9.0.25)

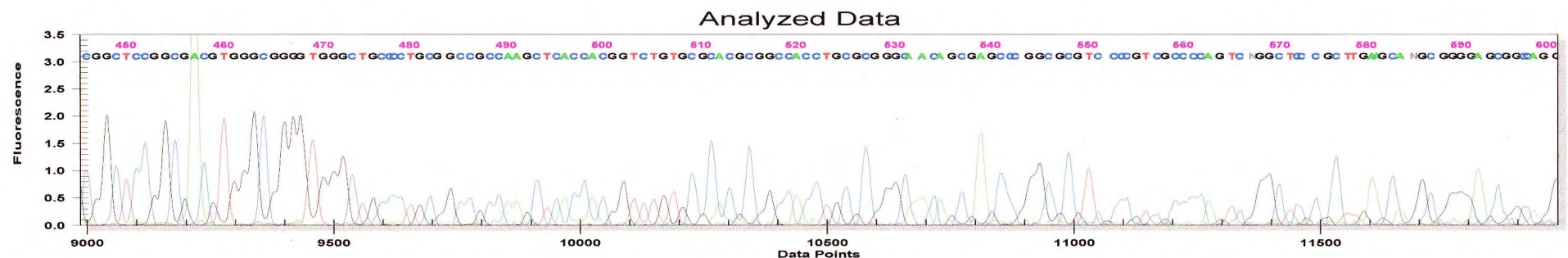
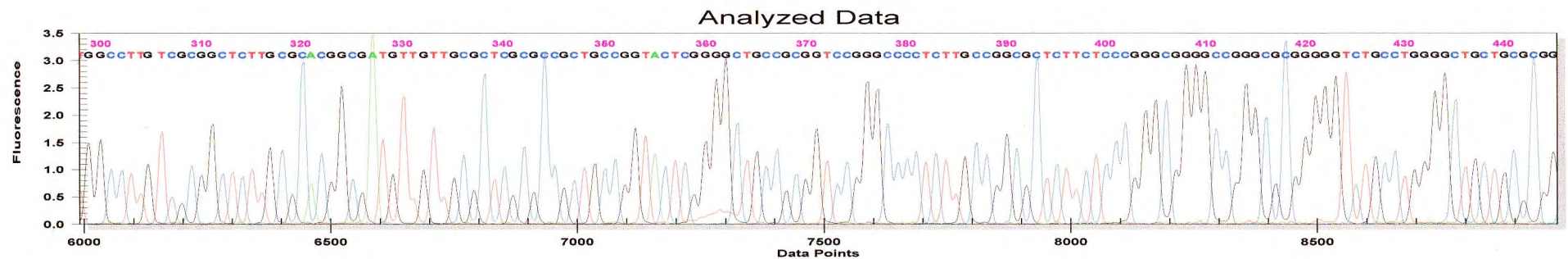
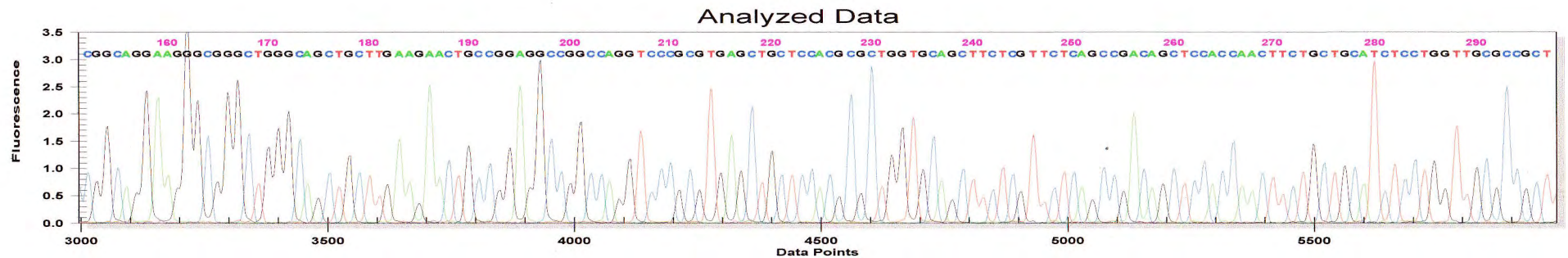
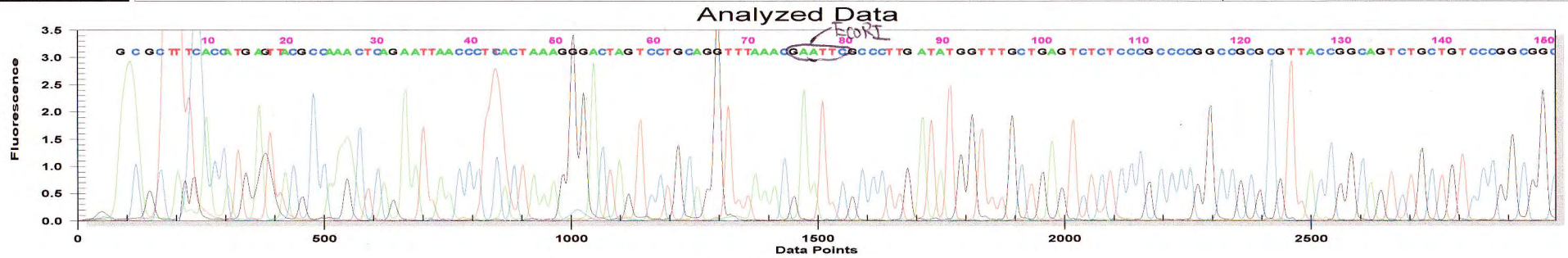




Project : GNP
 Sample : IRCB003O22_Reverse2.B10_10070210GK
 Result : IRCB003O22_Reverse2.B10_10070210GK

System : CEQ System

Operator : 2.100702.furu
 Instrument : CEQ System (Ver. 9.0.25)



[GENETYX : Nucleotide Sequence Homology Data]

Date : 2010.07.05

1st Nucleotide Sequence

File Name : BC105109.1.gnu
Sequence Size : 879

2nd Nucleotide Sequence

File Name : IRCB003022_M13.A10_10070210GK.fasta
Sequence Size : 389

Unit Size to Compare = 6
Pick up Location No. = 1

[319 / 324 bp] INT/OPT.Score : < 1136/ 1236 >

1' ACAGCC TCGCTTGGAC GCAGAGCCCG GCCCGACGCC GCCATGAGCG CCGCGCTCTT
61" COTTACAGCC TCGCTTGGAC GCAGAGCCCG GCCCGACGCC GCCATGAGCG CCGCGCTCTT
57' CAGCCTGGAC GCGCCGCCCG GCGCGCGGCC CTGGCCTGCG GAGCCTGCGC CTTTCTACGA
121" CAGCCTGGAC GCGCCGCCCG GCGCGCGGCC CTGGCCTGCG GAGCCTGCGC CTTTCTACGA
117' ACCGGGCCCG GCGGGCAAGC CCGGCCGCGG GGCCGAGCCA GGGGCCCTAG GCGAGCCAGG
181" ACCGGGCCCG GCGGGCAAGC CCGGCCGCGG GGCCGAGCCA GGGGCCCTAG GCGAGCCAGG
177' GCGCCGCCCG CCGCCATGT ACGACGACGA GAGCGGCATC GACTTCAGCG CTTACATCGA
241" GCGCCGCCCG CCGCCATGT ACGACGACGA GAGCGGCATC GACTTCAGCG CTTACATCGA
237' CTCCATGCCC GCGGTGCCCA CCCTGGAGCT GTGCCACGAC GAGCTCTT-C GCCGACCTCT
301" CTCCATGCCC GCGGTGCCCA CCCTGGAGCT GTGCCACGAC GAGCTCTTAC GCCGACCTCT
296' -TCAAC-AGC AATCACAAGG CCGCGCGCGG GGGGCCCTG GAGCTCTTC CCGGGGCCCG
361" AACACCAAGC AATCACAAGG CCGCGCGGCC

1st Nucleotide Sequence

File Name : BC105109.1.gnu
Sequence Size : 879

2nd Nucleotide Sequence

File Name : IRCB003022_Reverse2.B10_10070210GK.fasta (Complementary)
Sequence Size : 614

Unit Size to Compare = 6
Pick up Location No. = 1

[512 / 521 bp] INT/OPT.Score : < 1536/ 1996 >

361' CCCTGGGCC C-GGGCCCT- GCCGCTCCCG GCCTGC-TCA AGCGCGAGCC CCACTGGGGC
1" CTTGGGCC CNGGGCCCTG GCCGCTCCCG GCNTGCTTCA AGCGGGAGCC NGACTGGGGC
418' GACGGCGAGC CCGCCGCTC GCTGTTCGCC GCGCAGGTGG CCGCGTGGC ACAGACCCTG
59" GACGGGGAGC CCGCGGGCTC GCTGTTCGCC GCGCAGGTGG CCGCGTGGC ACAGACCCTG
478' GTGAGCTTGG CCGCCGCA-G GGCAGCCAC CCGGCCACG TCGCCGGAGC GCGCGCGCAG
119" GTGAGCTTGG CCGCCGCA-G GGCAGCCAC CCGGCCACG TCGCCGGAGC GCGCGCGCAG

537' CAGCCCCAGG CAGACCCCGG CGCCCGGCCG CGCCCGGGAG AAGAGCGCCG GCAAGAGGGG
179" CAGCCCCAGG CAGACCCCGG CGCCCGGCCG CGCCCGGGAG AAGAGCGCCG GCAAGAGGGG
597' CCGGGACCGG GGCAGCCCGG AGTACCGGCA GCGGCGCGAG CGCAAAACA TCGCCGTGGG
239" CCGGGACCGG GGCAGCCCGG AGTACCGGCA GCGGCGCGAG CGCAAAACA TCGCCGTGGG
657' CAAGAGCCCG GACAAGGCCA AGCGGCGCAA CCAGGAGATG CAGCAGAAGT TGGTGGAGCT
299" CAAGAGCCCG GACAAGGCCA AGCGGCGCAA CCAGGAGATG CAGCAGAAGT TGGTGGAGCT
717' GTCGGCTGAG AACGAGAAGC TGCACCAGCG CGTGGAGCAG CTCACGCGGG ACCTGGCCGG
359" GTCGGCTGAG AACGAGAAGC TGCACCAGCG CGTGGAGCAG CTCACGCGGG ACCTGGCCGG
777' CCTCCGGCAG TTCTTCAAGC AGCTGCCAG CCGCCCTTC CTGCGGGCCG CCGGGACAGC
419" CCTCCGGCAG TTCTTCAAGC AGCTGCCAG CCGCCCTTC CTGCGGGCCG CCGGGACAGC
837' AGACTGCCGG TAACGCGCGG CCGGGCGGG AGAGACTCAG CAA
479" AGACTGCCGG TAACGCGCGG CCGGGCGGG AGAGACTCAG CAAACCATAT CAAGGGCGAA