

RIKEN clone ID: IRAL034P23

Vector : pOTB7

Gene	WDR60	
Accession No.	BC014491.1	3785 bp
	<i>CDS</i>	3201 bp
		1..3785
		159..3359

●Plasmid DNA purification

Date : 100823 Culture : LB (25 ug/ml Chloramphenicol) 10 ml →37°C O/N

Date : 100824 Purification : QIAGEN Miniprep kit→dH₂O 100 ul

●Digestion by restriction enzyme / Concentration calibration

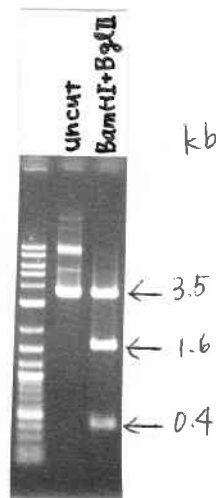
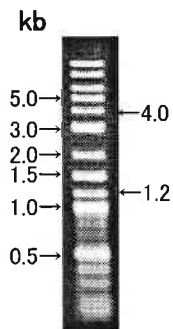
Date : 100824

DNA concentration (O.D.): 198.75 ng/ul

DNA	1 ul
Enzyme (BamHI+Bgl II)	0.5+0.5 ul
Buffer H	1 ul
dH ₂ O	7 ul
Total	10 ul

Electrophoresis: 1% agarose gel, 1 × TAE Buffer

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



<Expected digestion pattern from BC014491.1>

1615, 424, 3547 bp

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

Date : 100827 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (<u>198.75</u> ng/ul)	76 ul
10 × TE	60.4 ul
dH ₂ O	467.8 ul
Total	604.2 ul

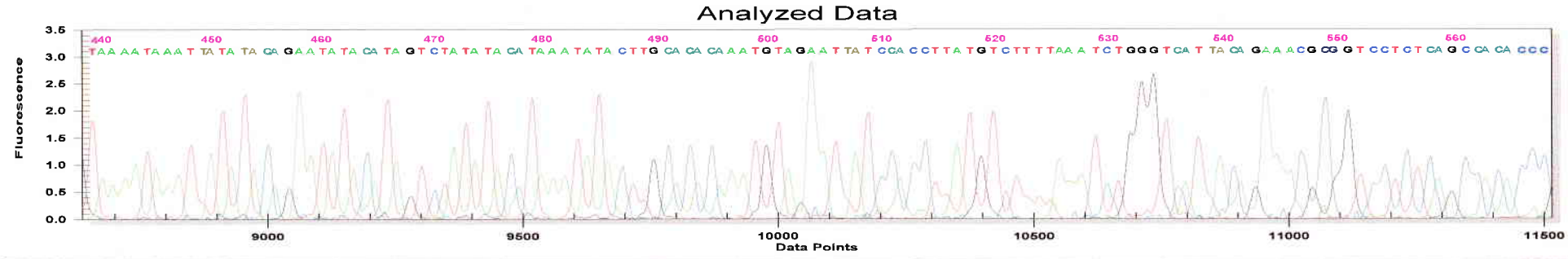
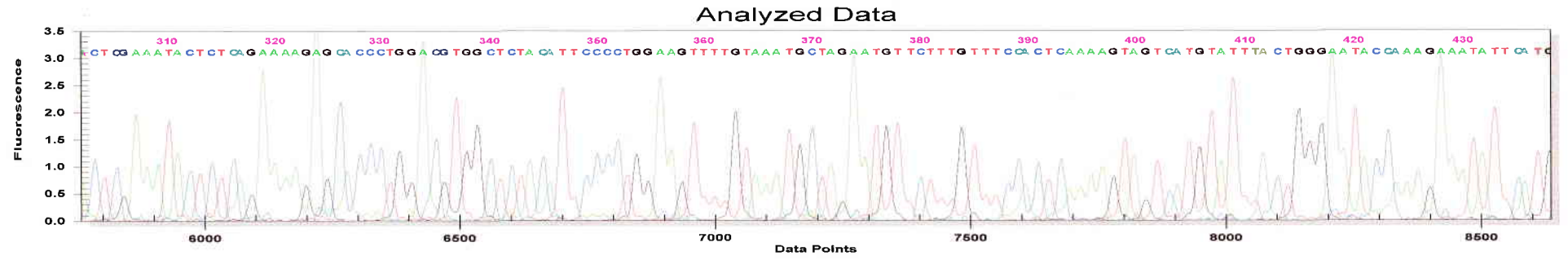
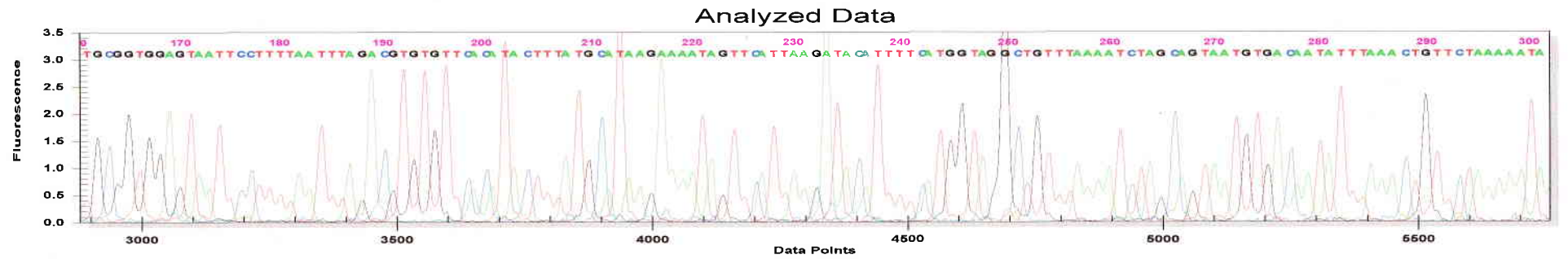
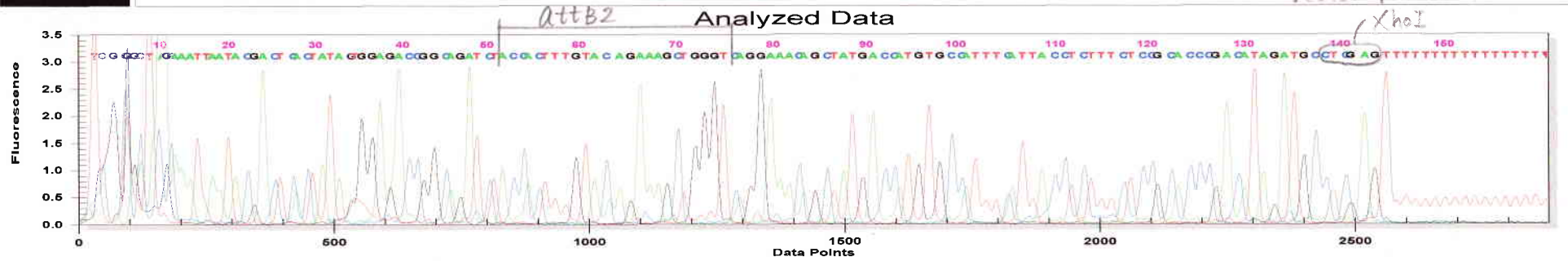


Project : GNP
 Sample : IRAL034P23_pOTB7_R.H11_10082610VK
 Result : IRAL034P23_pOTB7_R.H11_10082610VK

System : CEQ System

Operator : 2.100826.furu
 Instrument : CEQ System (Ver. 9.0.25)

Vector | Insert



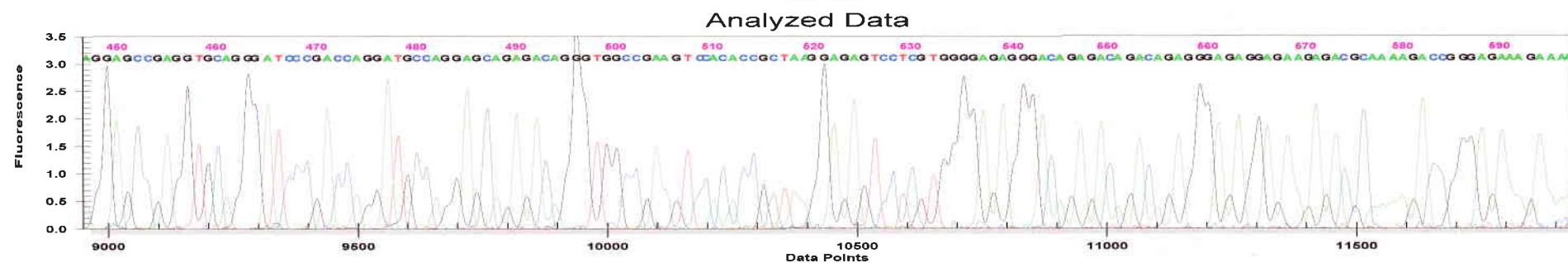
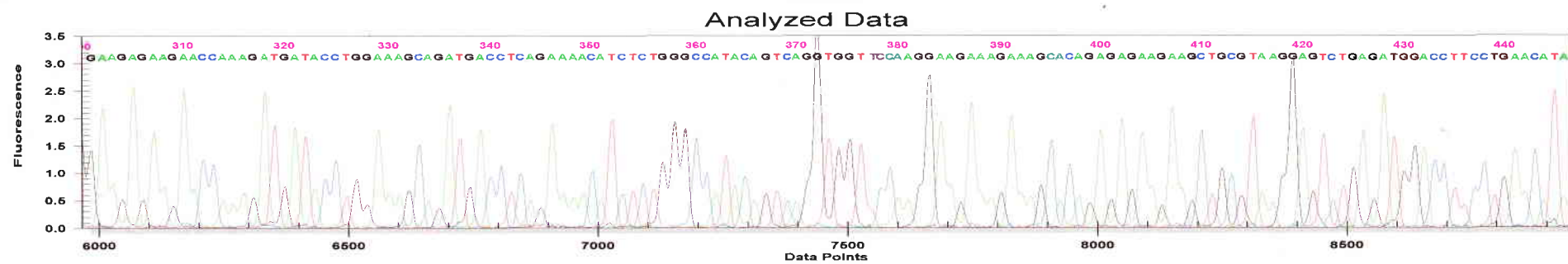
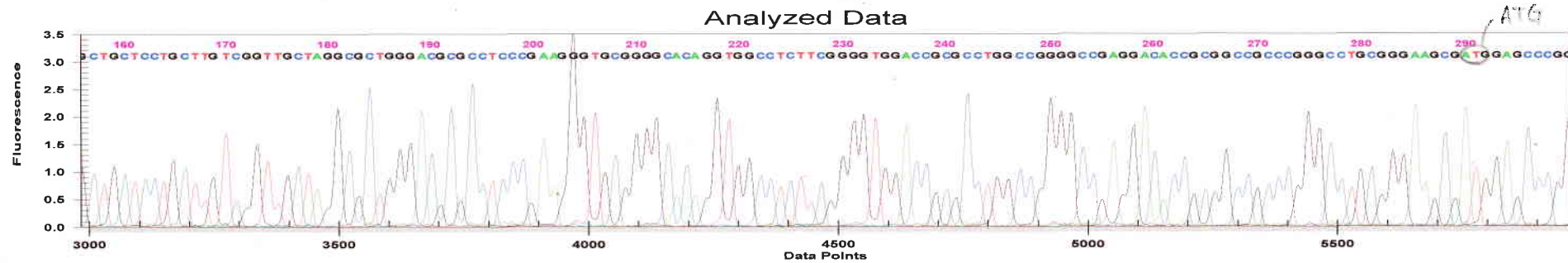
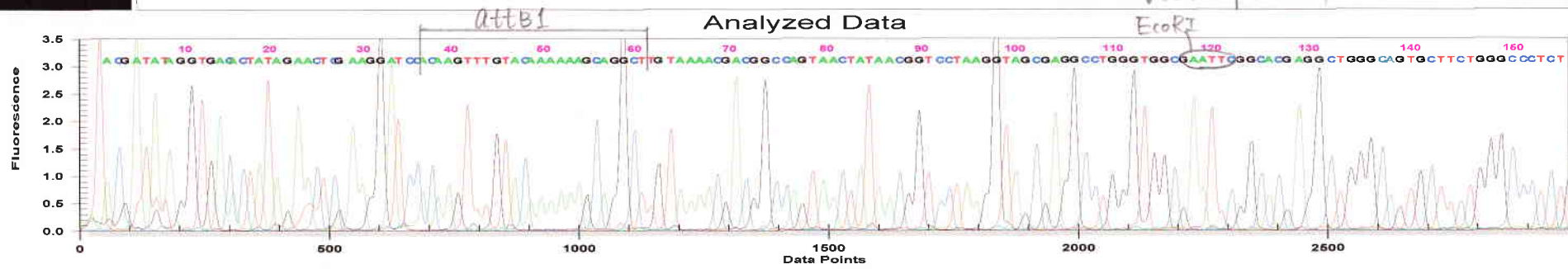


Project : GNP
Sample : IRAL034P23_pOTB7_F.G11_10082610VK
Result : IRAL034P23_pOTB7_F.G11_10082610VK

System : CEQ System

Operator : 2.100826.furu
Instrument : CEQ System (Ver. 9.0.25)

Vector | Insert
EcoRI



[GENETYX : Nucleotide Sequence Homology Data]

Date : 2010.08.26

1st Nucleotide Sequence

File Name : BC014491.1.gnu
Sequence Size : 3785

2nd Nucleotide Sequence

File Name : IRAL034F23_pOTB7_F.G11_10082610VK.fasta
Sequence Size : 653

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

[521 / 522 bp] INT/OPT.Score : < 2082/ 2082 >

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1'          CTGGGCAGTG CTTCTGGGCC CTCTGCTGCT CCTGCTTGTG GGTGTGCTAGG
121" CGGCACGAGG CTGGGCAGTG CTTCTGGGCC CTCTGCTGCT CCTGCTTGTG GGTGTGCTAGG

51' CGCTGGGACG CGCCFCCCGA AGGGTGGCGG GCACAGGTGG CCTCTTCGGG GTGGACCGCG
*****
181" CGCTGGGACG CGCCFCCCGA AGGGTGGCGG GCACAGGTGG CCTCTTCGGG GTGGACCGCG
*****

111' CCTGGCCGGG GCCGAGGACA CCGCGGCCCG CCGGGCCTGC GGAAGCCGAT GGAGCCCGGG
*****
241" CCTGGCCGGG GCCGAGGACA CCGCGGCCCG CCGGGCCTGC GGAAGCCGAT GGAGCCCGGG
*****

171' AAGAGAAGAA CCAAAGATGA TACCTGGAAA GCAGATGACC TCAGAAAACA TCTCTGGGCC
*****
301" AAGAGAAGAA CCAAAGATGA TACCTGGAAA GCAGATGACC TCAGAAAACA TCTCTGGGCC
*****

231' ATACAGTCAG GTGGTTCCAA GGAAGAAAGA AAGCACAGAG AGAAGARGCT GCGTAAGGAG
*****
361" ATACAGTCAG GTGGTTCCAA GGAAGAAAGA AAGCACAGAG AGAAGARGCT GCGTAAGGAG
*****

291' TCTGAGATGG ACCTTCCCTGA ACATAAGGAG CCGAGGTGCA GGGATCCCGA CCAGGATGCC
*****
421" TCTGAGATGG ACCTTCCCTGA ACATAAGGAG CCGAGGTGCA GGGATCCCGA CCAGGATGCC
*****

351' AGGAGCAGAG ACAGGGTGGC CGAAGTCCAC ACCGCTAAGG AGAGTCCTCG TGGGGAGAGG
*****
481" AGGAGCAGAG ACAGGGTGGC CGAAGTCCAC ACCGCTAAGG AGAGTCCTCG TGGGGAGAGG
*****

411' GACAGAGACA GACAGAGGGA GAGGAGAAGA GACGCAAAAG ACCGGAGAAA AGAAAAGCTG
*****
541" GACAGAGACA GACAGAGGGA GAGGAGAAGA GACGCAAAAG ACCGGAGAAA AGAAAAGCTG
*****

471' AAGGAGA AAC ATCCAGAGGC AGAAAAGTCT CACAGCAGAG GAAAGGACAG GGA AAAAGAA
*****
601" AAGGAGA AAC ATCCAGAGGC AGAAAAGTCT CACAGCAGAG GAAAGGACAG GSG

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1st Nucleotide Sequence

File Name : BC014491.1.gnu
Sequence Size : 3785

2nd Nucleotide Sequence

File Name : IRAL034F23_pOTB7_R.W11_10082610VK.fasta (Complementary)
Sequence Size : 635

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

[493 / 493 bp] INT/OPT.Score : < 1972/ 1972 >

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3241' GCTCCATCGA CATCCAGCAC CTGAAGAGGC GGTGGGGCGC CCCGGAGGTG GACGAGTGCA
*****
1"          CGAGTGCA

3301' ACAGGCTGCG TCTGCTTTTG CAGGAAGCCC TGTGGCCAGA GGGAAAAC TG CACAAGTAGC
*****
9" ACAGGCTGCG TCTGCTTTTG CAGGAAGCCC TGTGGCCAGA GGGAAAAC TG CACAAGTAGC

3361' GGGTGTGGCT GAGAGGACCG CGTTTCTGTA ATGACCCAGA TTTAAAAGAC ATAAGGTGGA
*****
69" GGGTGTGGCT GAGAGGACCG CGTTTCTGTA ATGACCCAGA TTTAAAAGAC ATAAGGTGGA

3421' TAATTCTACA TTTGTGTGCA AGTATATTTA TGTATATAGA CTATGTATAT TCTGTATATA
*****
129" TAATTCTACA TTTGTGTGCA AGTATATTTA TGTATATAGA CTATGTATAT TCTGTATATA

3481' ATTTATTTTA CATGAATATT TCTTTGGTAT TCCAGTAAA TACATGACTA CTTTTGAGTG
*****
189" ATTTATTTTA CATGAATATT TCTTTGGTAT TCCAGTAAA TACATGACTA CTTTTGAGTG

3541' GAAACAAAGA ACATTCTAGC ATTTACAAA CTTCCAGGGG AATGTAGAGC CAGCTCCAGG
*****
249" GAAACAAAGA ACATTCTAGC ATTTACAAA CTTCCAGGGG AATGTAGAGC CAGCTCCAGG

3601' GTGCTCTTTT CTGAGAGTAT TTCGAGTTAT TTTTGAACA GTTTAAATAT TGCACATTA
*****
309" GTGCTCTTTT CTGAGAGTAT TTCGAGTTAT TTTTGAACA GTTTAAATAT TGCACATTA

3661' CTGCTAGATT TTAACAGCC TACCATGAAA ATGTATCTTA ATGAAC TTTTATGCA
*****
369" CTGCTAGATT TTAACAGCC TACCATGAAA ATGTATCTTA ATGAAC TTTTATGCA

3721' TAAAGTATGT GAACACACGT CTA AAT TAAA AGGAATTACT CCACCGCAA AAAA AAAAAA
*****
429" TAAAGTATGT GAACACACGT CTA AAT TAAA AGGAATTACT CCACCGCAA AAAA AAAAAA
*****

3781' AAAAA
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489" AAAA ACTCGA GGCATCTATG TCGGGTGGCG AGAAGAGGT AATGAAATGG CACATGCTCA

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