

RIKEN clone ID: IRAK093L07

Vector : pCMV-SPORT6

Gene	DIXDC1		
Accession No.	BC048294.1	1750 bp	1..1750
	CDS	- bp	<1..650

● Plasmid DNA purification

Date : 100804 Culture : LB (100 ug/ml Ampicillin) 3 ml → 37°C O/N

Date : 100805 Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

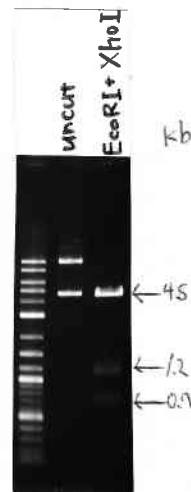
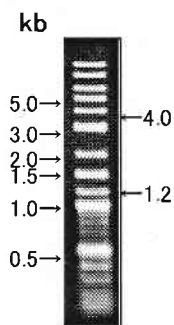
Date : 100805

DNA concentration (O.D.): 68.41 ng/ul

DNA	1 ul
Enzyme (EcoRI+XhoI)	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 BC048294.1>

4339, 691, 1102 bp

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

Date : 100806 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

DNA (68.41 ng/ul)	79 ul
10 × TE	21.6 ul
dH ₂ O	115.6 ul
Total	216.2 ul



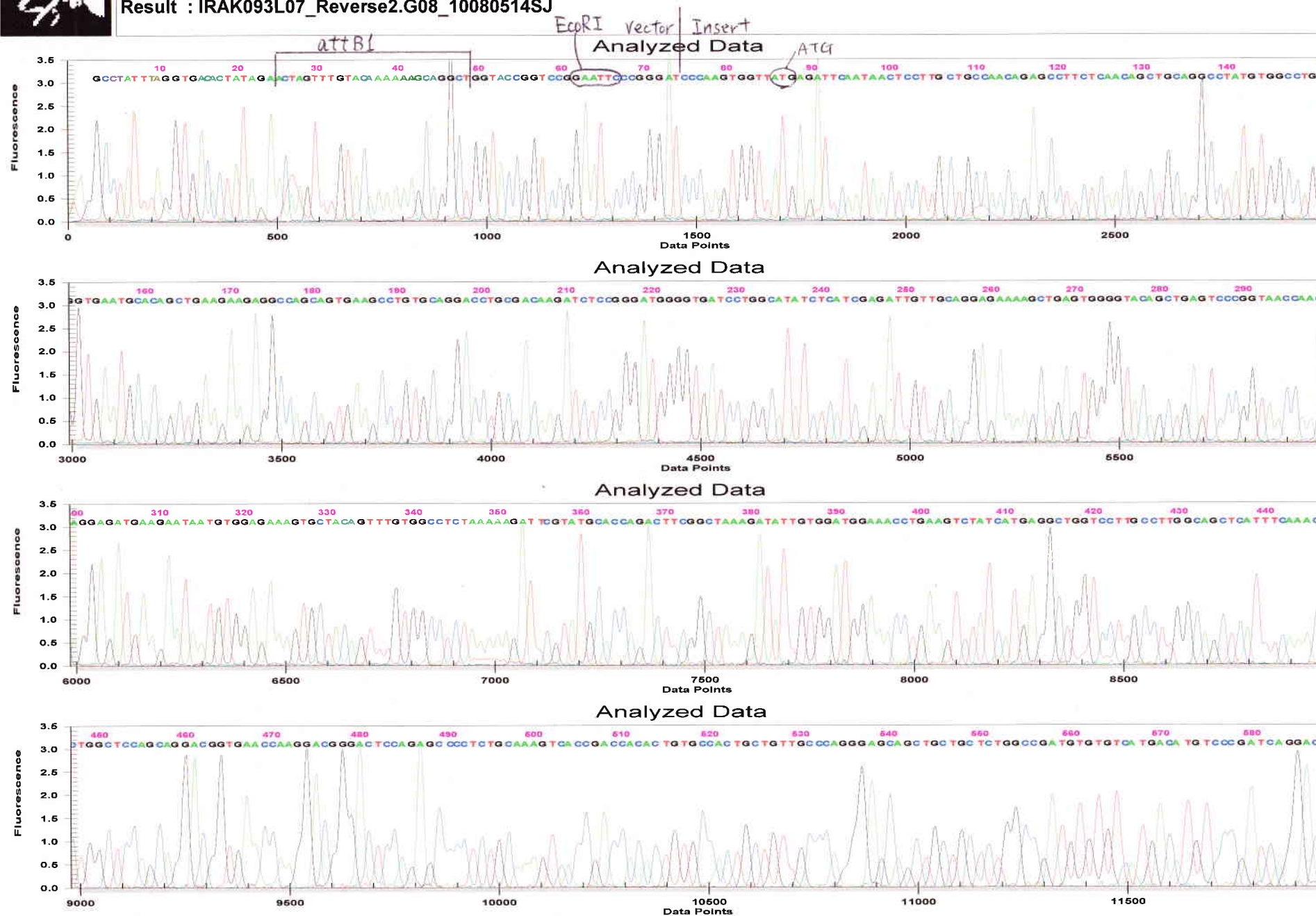
Project : GNP

Sample : IRAK093L07_Reverse2.G08_10080514SJ

Result : IRAK093L07_Reverse2.G08_10080514SJ

System : CEQ System

Operator : 2.100805.furu
Instrument : CEQ System (Ver. 9.0.25)





Project : GNP

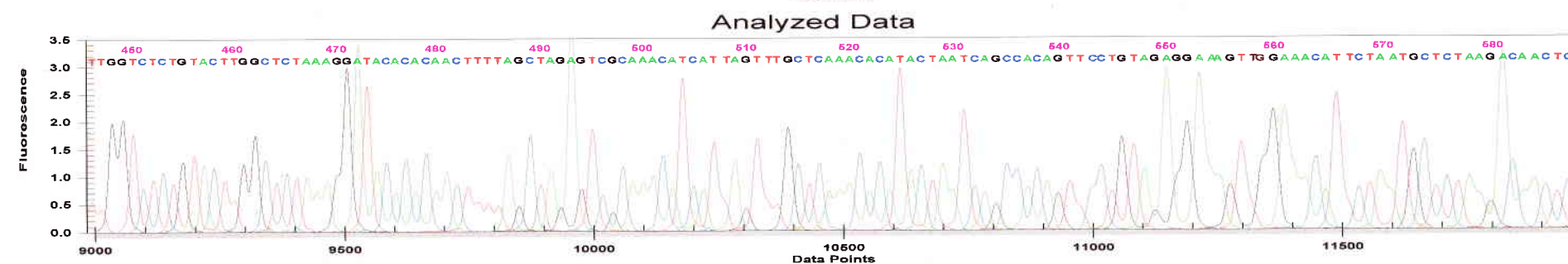
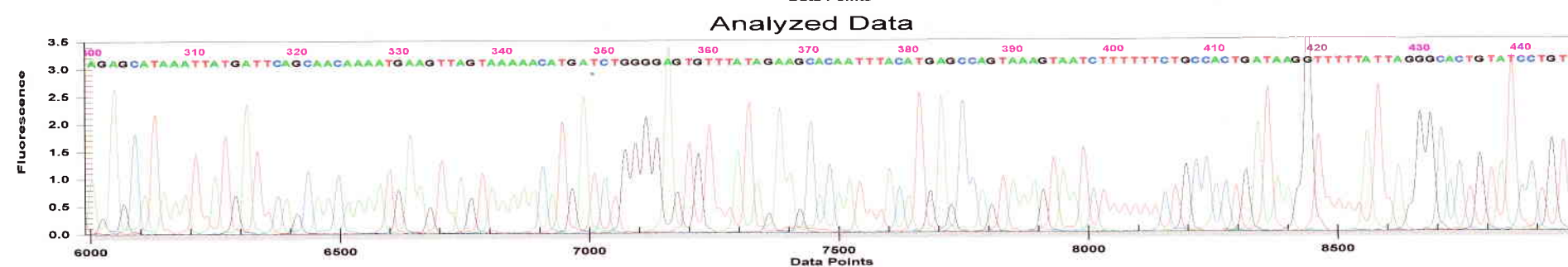
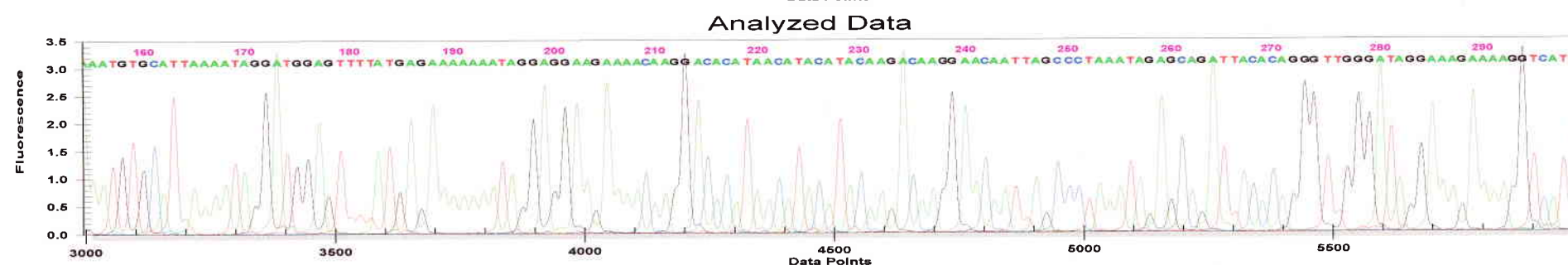
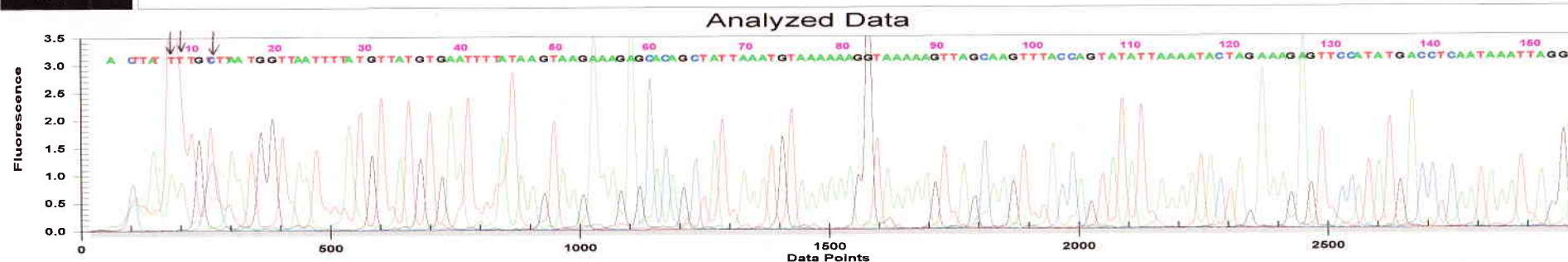
Sample : IRAK093L07_GNP41.G09_10080516IO

Result : IRAK093L07_GNP41.G09_10080516IO

System : CEQ System

Operator : 2.100805.furu

Instrument : CEQ System (Ver. 9.0.25)



[GENETYX : Nucleotide Sequence Homology Data]

Date : 2010.08.06

1st Nucleotide Sequence

File Name : BC048294.1.gnu
Sequence Size : 1750

2nd Nucleotide Sequence

File Name : IRAK093L07_Reverse2.fasta
Sequence Size : 747Unit Size to Compare = 6
Pick up Location No. = 1

[654 / 670 bp] INT/OPT.Score : < 2576/ 2614 >

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1'          CCCAAGT GGTATGAGA TTCAATAACT CCTTGCTGCC AACAGAGCCT
*****
61' GAATTCCTCGG GATCCCAAGT GGTATGAGA TTCAATAACT CCTTGCTGCC AACAGAGCCT
*****
48' TCTCAACAGC TGCAGGCCTA TGTGGCCTGG GTGAATGCAC AGCTGAAGAA GAGGCCAGCA
*****
121' TCTCAACAGC TGCAGGCCTA TGTGGCCTGG GTGAATGCAC AGCTGAAGAA GAGGCCAGCA
*****
108' GTGAAGCCTG TGCAGGACCT GCGACAAGAT CTCGGGGATG GGGTGATCCT GGCATATCTC
*****
181' GTGAAGCCTG TGCAGGACCT GCGACAAGAT CTCGGGGATG GGGTGATCCT GGCATATCTC
*****
168' ATCCGAGATT TTGCAGGAGA AAAGCTGAGT GGGGTACAGC TGAGTCCCGG TAACCAACAG
*****
241' ATCCGAGATT TTGCAGGAGA AAAGCTGAGT GGGGTACAGC TGAGTCCCGG TAACCAACAG
*****
228' GAGATGAAGA ATAATGTGGA GAAAGTGCTA CAGTTTGTGG CCTCTAAAAA GATTCTGATG
*****
301' GAGATGAAGA ATAATGTGGA GAAAGTGCTA CAGTTTGTGG CCTCTAAAAA GATTCTGATG
*****
288' CACCAGACTT CGGCTAAAGA TATTGTGGAT GGAAACCTGA AGTCTATCAT GAGGCTGGTC
*****
361' CACCAGACTT CGGCTAAAGA TATTGTGGAT GGAAACCTGA AGTCTATCAT GAGGCTGGTC
*****
348' CTTGCCTTGG CAGCTCAATT CAAACCTGGC TCCAGCAGGA CGGTGAACCA AGGACGGGAC
*****
421' CTTGCCTTGG CAGCTCAATT CAAACCTGGC TCCAGCAGGA CGGTGAACCA AGGACGGGAC
*****
408' TCCAGAGCCC CTCTGCAAGG TCACCGACCA CACTGTGCCA CTGCTGTGGC CCAGGGAGCA
*****
481' TCCAGAGCCC CTCTGCAAGG TCACCGACCA CACTGTGCCA CTGCTGTGGC CCAGGGAGCA
*****
468' GCTGCTGCTC TGGCCGATGT GTGTCTATGAC ATGTCCCGAT CAGGACGGGA TGCTTTCCGA
*****
541' GCTGCTGCTC TGGCCGATGT GTGTCTATGAC ATGTCCCGAT CAGGACGGGA TGCTTTCCGA
*****
528' TATAGACAGA GGAACAGCAG CATGGATGAG GAAATTGAGA ATCCATACTG GAGTGTGCGG
*****
601' TATAGACAGA GGAACAGCAG CATGGATGAG GAAATTGAGA ATCCATACTG GAGTGTGCGG
*****
588' GCCCTAGTGC AGCAGTACGA AGGGCAACAA AGGTCCCGCT CTGAATCCAG CTGCTCCA-G
*****
661' GCCCTAGTGC AGCAGTACGA AGGGCAACAA AGGTCCCGCT CTGAATCCAG CTGCTCCAAG
*****
647' GTAA-CTGTG G-CCCTGAA ACCTGAATTC TGGAGGATTC TCGAGTTCT CCGCTTCAAG
****
721' GTAACCTGTG GCCCTTTGAA ACCCTGA
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1st Nucleotide Sequence

File Name : BC048294.1.gnu
Sequence Size : 1750

2nd Nucleotide Sequence

File Name : IRAK093L07_GNF41.fasta (Complementary)
Sequence Size : 621Unit Size to Compare = 6
Pick up Location No. = 1

[616 / 619 bp] INT/OPT.Score : < 2436/ 2448 >

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1021' AAGGCCGGAA AAGTCTGTGT AAAGCTCATA GAAGAGAAGA AATTGAGCAG AGTTGTCCTTA
*****
1"          CTGTGT AAAGCTCATA GAAGAGAAGA AATTGAGCAG AGTTGTCCTTA
*****
1081' GAGCATTAGA ATGTTTCCAA CTTTCCTCTA CAGGAAGTGT GGCTGATTAG TATGTGTTTG
*****
47" GAGCATTAGA ATGTTTCCAA CTTTCCTCTA CAGGAAGTGT GGCTGATTAG TATGTGTTTG
*****
1141' AGCAAACTAA TGAATTTTGC GACTCTAGCT AAAAGTTGTG TGTATCCTTT AGAGCCAAGT
*****
107" AGCAAACTAA TGAATTTTGC GACTCTAGCT AAAAGTTGTG TGTATCCTTT AGAGCCAAGT
*****
1201' ACAGAGACCA AAACAGGATA CAGTGCCCTA ATAAAAACCT TATCAGTGGC AGAAAAAAGA
*****
167" ACAGAGACCA AAACAGGATA CAGTGCCCTA ATAAAAACCT TATCAGTGGC AGAAAAAAGA
*****
1261' TTACTTTTACT GGCTCATGTA AATTGTGCTT CTATAAACAC TCCCAGATC ATGTTTTTAC
*****
227" TTACTTTTACT GGCTCATGTA AATTGTGCTT CTATAAACAC TCCCAGATC ATGTTTTTAC
*****
1321' TAACTTCATT TTGTTGCTGA ATCATAATTT ATGCTCTAAT GACCTTTTCT TTCCATATCC
*****
287" TAACTTCATT TTGTTGCTGA ATCATAATTT ATGCTCTAAT GACCTTTTCT TTCCATATCC
*****
1381' AACCCCTGTGT AATCTGCTCT ATTTAGGGCT AATTGTTCCT TGTCTTGTAT GTATGTTATG
*****
347" AACCCCTGTGT AATCTGCTCT ATTTAGGGCT AATTGTTCCT TGTCTTGTAT GTATGTTATG
*****
1441' TGTCCCTTGTG TTCTTCCTCC TATTTTTTTC TCATAAAACT CCATCCTATT TTAATGCACA
*****
407" TGTCCCTTGTG TTCTTCCTCC TATTTTTTTC TCATAAAACT CCATCCTATT TTAATGCACA
*****
1501' TTTCCTAATT TATTGAGGTC ATATGGAAGT CTTTCTAGTA TTTTAATATA CTGGTAAACT
*****
467" TTTCCTAATT TATTGAGGTC ATATGGAAGT CTTTCTAGTA TTTTAATATA CTGGTAAACT
*****
1561' TGCTAACTTT TTACCTTTTT TACATTTAAT AGCTGTGCTC TTTCTTACTT ATAAAAATCA
*****
527" TGCTAACTTT TTACCTTTTT TACATTTAAT AGCTGTGCTC TTTCTTACTT ATAAAAATCA
*****
1621' CATAACATAA AATTAACCAT TAA-ACATTA TAAAGTGTAA AAAAAAAAAA AAAAAAAAAA
*****
587" CATAACATAA AATTAACCAT TAAGACAAAA TAAGT
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