

RIKEN clone ID: IRAK014F17

Vector : pCMV-SPORT6

Gene	PRKCSH		
Accession No.	BC013586.1	1872 bp	1..1872
	<i>CDS</i>	- bp	<1..1521

● Plasmid DNA purification

Date : 100607 Culture : LB (100 ug/ml Ampicillin) 3 ml → 37°C O/N

Date : 100608 Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

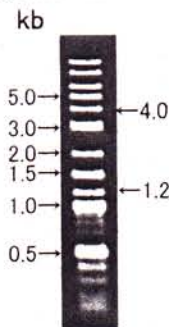
Date : 100608

DNA concentration (O.D.): 190.05 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 BC013586.1>

4339, 1885 bp

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

Date : 100610 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

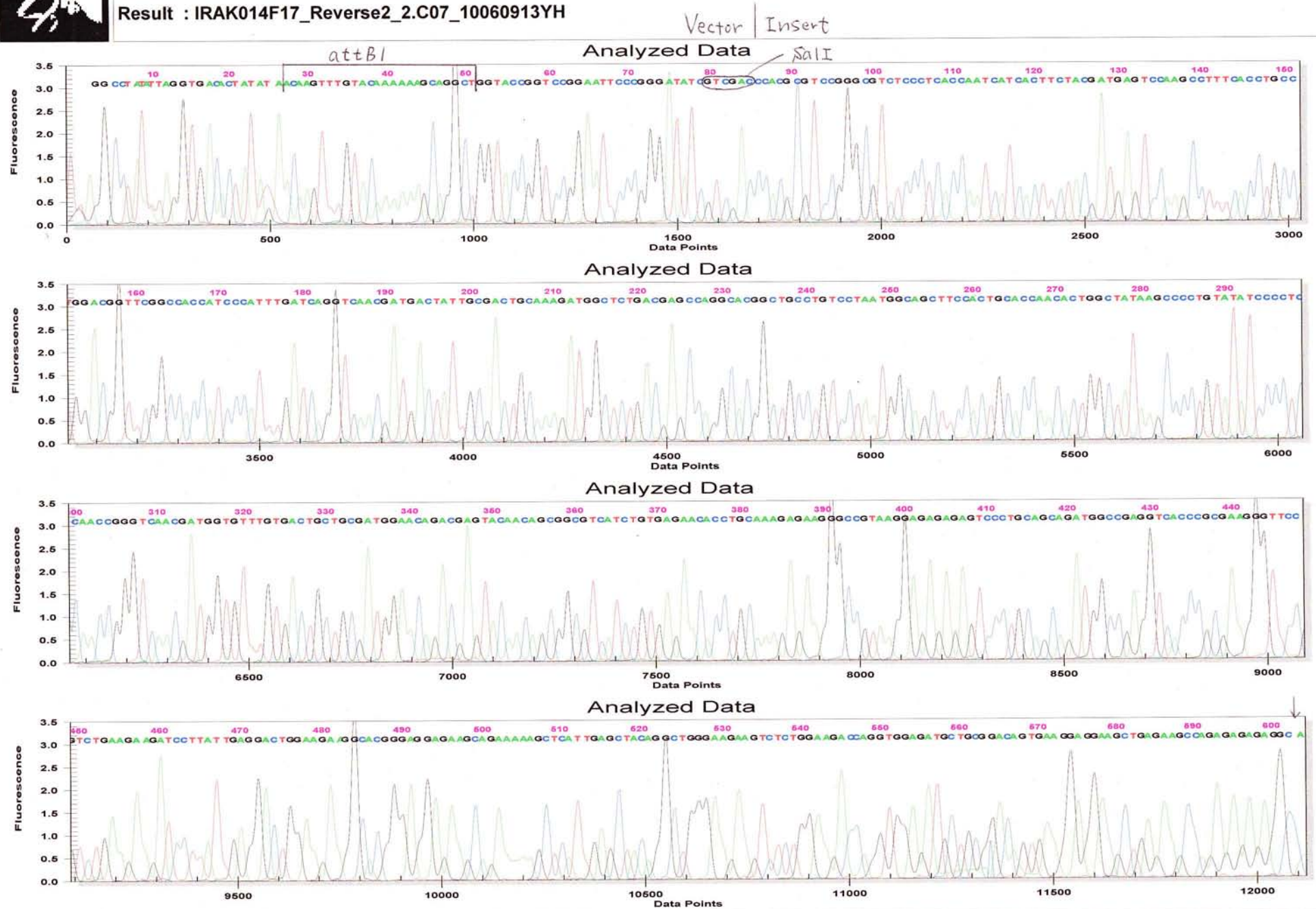
DNA (<u>190.05</u> ng/ul)	85 ul
10 × TE	64.6 ul
dH ₂ O	496.6 ul
Total	646.2 ul



Project : GNP
Sample : IRAK014F17_Reverse2_2.C07_10060913YH
Result : IRAK014F17_Reverse2_2.C07_10060913YH

System : CEQ System

Operator : 2.100609.furu
Instrument : CEQ System (Ver. 9.0.25)



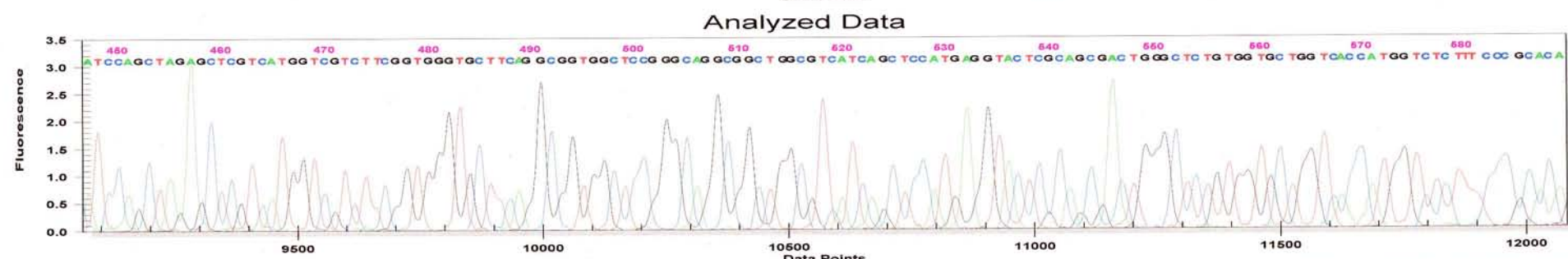
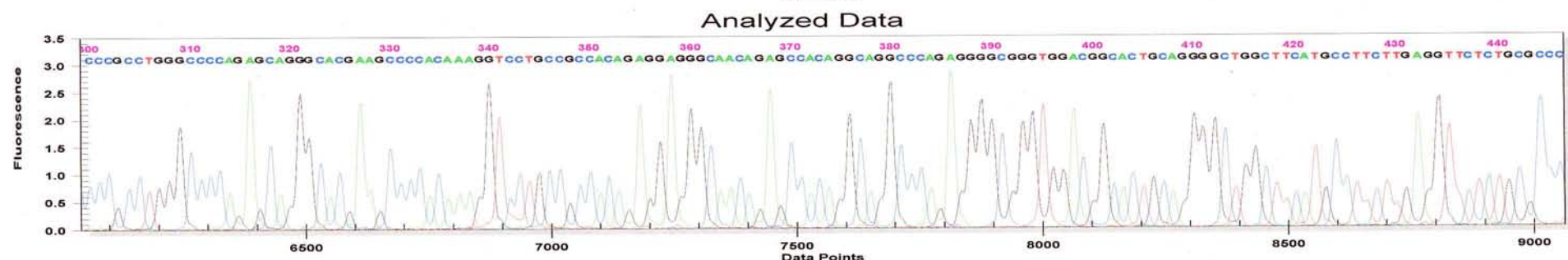
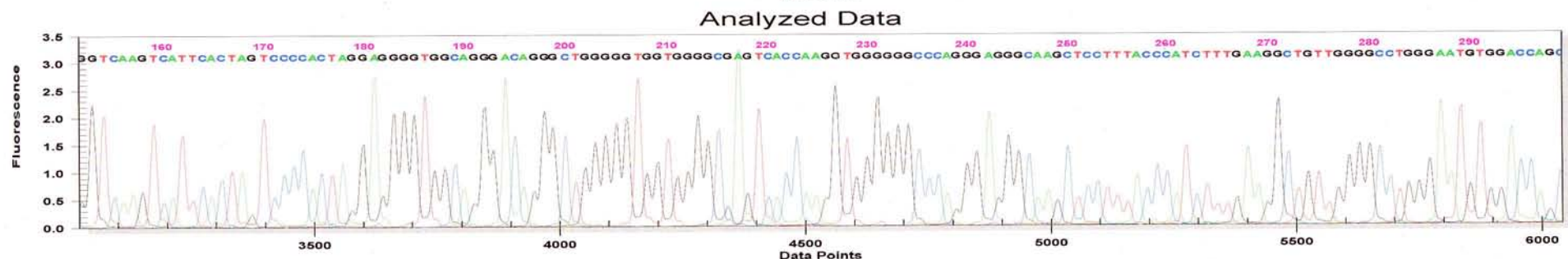
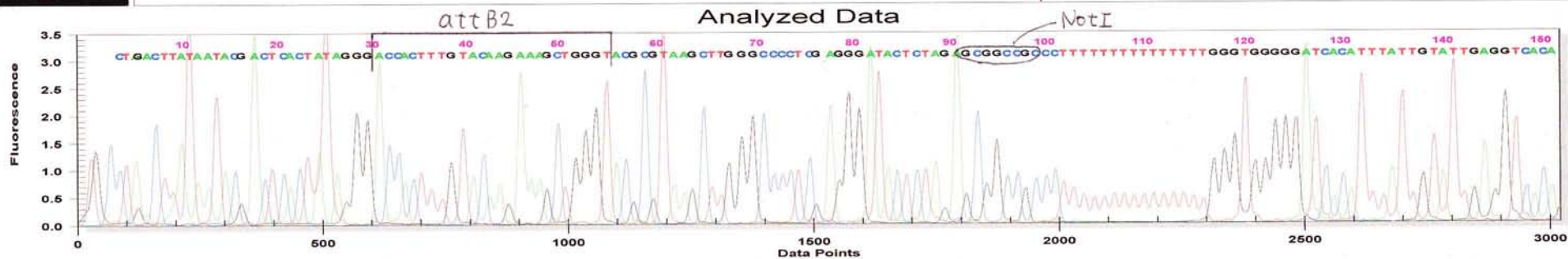


Project : GNP
Sample : IRAK014F17_M13_2.D07_10060913YH
Result : IRAK014F17_M13_2.D07_10060913YH

System : CEQ System

Operator : 2.100609.furu
Instrument : CEQ System (Ver. 9.0.25)

Vector | Insert



[GENETYX : Nucleotide Sequence Homology Data]

Date : 2010.06.10

1st Nucleotide Sequence

File Name : BC013586.1.gnu
Sequence Size : 1872

2nd Nucleotide Sequence

File Name : IRAK014F17_Reverse2_2.C07_10060913YH.fasta
Sequence Size : 757

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

[656 / 679 bp] INT/OPT.Score : < 2024/ 2378 >

1' GGCCT CTCCTCACC AATCATCACT
61' CGGAATTCCT GGGATATCGT CGACCCACGC GTCCGGGGCT CTCCTCACC AATCATCACT
26' TCTACGATGA GTCCAAGCCT TTCACCTGCC TGGACGGTTC GGCCACCATC CCAITTTGATC
121' TCTACGATGA GTCCAAGCCT TTCACCTGCC TGGACGGTTC GGCCACCATC CCAITTTGATC
86' AGGTCAACGA TGACTATTGC GACTGCAAAG ATGGCTCTGA CGAGCCAGGC ACGGCTGCCT
181' AGGTCAACGA TGACTATTGC GACTGCAAAG ATGGCTCTGA CGAGCCAGGC ACGGCTGCCT
146' GTCCTAATGG CAGCTTCCAC TGCACCAACA CTGGCTATAA GCCCCTGTAT ATCCCCTCCA
241' GTCCTAATGG CAGCTTCCAC TGCACCAACA CTGGCTATAA GCCCCTGTAT ATCCCCTCCA
206' ACCGGGTCAA CGATGGTGT TGTGACTGCT GCGATGGAAC AGACGAGTAC AACAGCGGGC
301' ACCGGGTCAA CGATGGTGT TGTGACTGCT GCGATGGAAC AGACGAGTAC AACAGCGGGC
266' TCATCTGTGA GAACACCTGC AAAGAGAAGG GCCGTAAGGA GAGAGAGTCC CTGCAGCAGA
361' TCATCTGTGA GAACACCTGC AAAGAGAAGG GCCGTAAGGA GAGAGAGTCC CTGCAGCAGA
326' TGGCCGAGGT CACCCGCGAA GGGTTCGTC TGAAGAAGAT CCTTATTGAG GACTGGAAGA
421' TGGCCGAGGT CACCCGCGAA GGGTTCGTC TGAAGAAGAT CCTTATTGAG GACTGGAAGA
386' AGGCACGGGA GGAGAAGCAG AAAAAGCTCA TTGAGCTACA GGCTGGGAAG AAGTCTCTGG
481' AGGCACGGGA GGAGAAGCAG AAAAAGCTCA TTGAGCTACA GGCTGGGAAG AAGTCTCTGG
446' AAGACCAGGT GGAGATGCTG CGGACAGTGA AGGAGGAAGC TGAGAAGCCA GAGAGAGAGG
541' AAGACCAGGT GGAGATGCTG CGGACAGTGA AGGAGGAAGC TGAGAAGCCA GAGAGAGAGG
506' CCAAAGAGCA GCACCAAGG CTGTGGGAAG AGCAGCTGGC TGCTGCCAAG GCCCAACAGG
601' -CAAAGAGCA GCACCAAGG CTGTGGGAAG AGCAGCTGGC TGCTGCCAAG GCCCAACAGG
566' AGCAGGAGCT GCGGGCTGAT GCCTTCAAGG AGCTGGATGA TGACATGGAC GGGACGGTCT
658' AGCAGGAGCT -GCGGCTGAT GCC-TC-AGG AGCT-GAT-A T-ACAT-GAC -GGACGGTCT
626' CGGTACTGA GCTGCAGACT CACCCGGAGC TGGACACAGA TGGGGATGGG GCGTTGTACG
710' CGGT-ACT-A GCT-CA-ACT -ACCC-GAGC T-GAC-CCGA T-GGGATGGC GTGTCAA

1st Nucleotide Sequence

File Name : BC013586.1.gnu
Sequence Size : 1872

2nd Nucleotide Sequence

File Name : IRAK014F17_M13_2.D07_10060913YH.fasta (Complementary)
Sequence Size : 788

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

[667 / 690 bp] INT/OPT.Score : < 2120/ 2574 >

1141' GGGCCCAACG GGGAGTTTGC TTACCTGTAC AGCCAGTGCT ACGAGCTCAC CA-CCAACGA
1" TTAC CACCAACGA
1200' ATACGTCTAC GCCTCTGCC CCTTCAAGCT TGTCTCGC-A GAAACCCAAA CTCGGGGGCT
15" ATACGTTACC GCCTTTGGC CCTTCAAGCT TGTTCGGCAA GGANCCAAA CTCGGGGGCT
1259' CTCCCACC-A GCCTTGGCAG CTGGGGTCA TGG-ATTGGC CCCGACCAGC ACAAGTTCAG
75" TTCCCACCAA GCNTTTGCAC CTGGGGTCA TGGAAATGGG CCCGACCAGC NCAAGTTCAG
1317' TGCCATGAAG TATGAGCAAG GCACGGGCTG CTGGCAGGGC CCCAACCGCT CCACCACCGT
135" TGCCATGAAG TATGAGC-AG GCACGGGCTG CTGGC-NGGC CCCAACCGCT CCACCACCGT
1377' GCGCCTCTG TCGCGGAAA AGACCATGTT GACCAGCACC ACAGAGCCCA GTCGCTGCGA
193" GCGCCTCTG TCGCGGAAA AGACCATGTT GACCAGCACC ACAGAGCCCA GTCGCTGCGA
1437' GTACCTCATG GAGCTGATGA CGCCAGCCGC CTGCCCGGAG CCACCCGCTG AAGCACCAC
253" GTACCTCATG GAGCTGATGA CGCCAGCCGC CTGCCCGGAG CCACCCGCTG AAGCACCAC
1497' CGAAGACGAC CATGACGAGC TCTAGCTGGA TGGGCGCAGA GAACCTCAAG AAGGCATGAA
313" CGAAGACGAC CATGACGAGC TCTAGCTGGA TGGGCGCAGA GAACCTCAAG AAGGCATGAA
1557' GCCAGCCCTT GCAGTCCGCT CCACCCGCC CTCTGGGCTT GCCTGTGGCT CTGTTGCCCT
373" GCCAGCCCTT GCAGTCCGCT CCACCCGCC CTCTGGGCTT GCCTGTGGCT CTGTTGCCCT
1617' CCTCTGTGGC GGCAGGACCT TTGTGGGGCT TCGTGCCCTG CTCTGGGGC CAGCGGGGC
433" CCTCTGTGGC GGCAGGACCT TTGTGGGGCT TCGTGCCCTG CTCTGGGGC CAGCGGGGC
1677' TGGTCCACAT TCCCAGGCC CAACAGCCTT CAAAGATGGG TAAAGGAGCT TGCCCTCCCT
493" TGGTCCACAT TCCCAGGCC CAACAGCCTT CAAAGATGGG TAAAGGAGCT TGCCCTCCCT
1737' GGGCCCCCA CCTTGGTAC TCGCCGACC ACCCCAGCC CTGTCCCTGC CACCCCTCCT
553" GGGCCCCCA CCTTGGTAC TCGCCGACC ACCCCAGCC CTGTCCCTGC CACCCCTCCT
1797' AGTGGGGACT AGTGAATGAC TTGACCTGTG ACCTCAATAC AATAAATGTG ATCCCCCACC
613" AGTGGGGACT AGTGAATGAC TTGACCTGTG ACCTCAATAC AATAAATGTG ATCCCCCACC
1857' CAAAAAAAAA AAAAAA
673" CAAAAAAAAA AAAAAAGGGC GGCCGCTCTA GAGTATCCCT CGAGGGGCC AAGCTTACGC