

RIKEN clone ID: W01A081A03

Vector : pENTR/D-TOPO

Gene	SLC2A9		
Accession No.	BC018897.2	1885 bp	1..1885
	<i>CDS</i>	1536 bp	160..1695

● Plasmid DNA purification

Date : 100816 Culture : LB (25 ug/ml Kanamycin) 3 ml → 37°C O/N

Date : 100817 Purification : QIAGEN Miniprep kit → dH₂O 100 ul

● Digestion by restriction enzyme / Concentration calibration

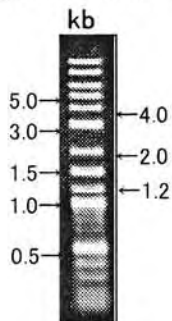
Date : 100817

DNA concentration (O.D.): 64.30 ng/ul

DNA	1 ul
Restriction enzyme (NotI+BssH 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 BC018897.2 CDS>

2553, 1636 bp

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

Date : 100819 Shipped : 25 ng/ul, 40 ul

Final concentration: 25 ng/ul

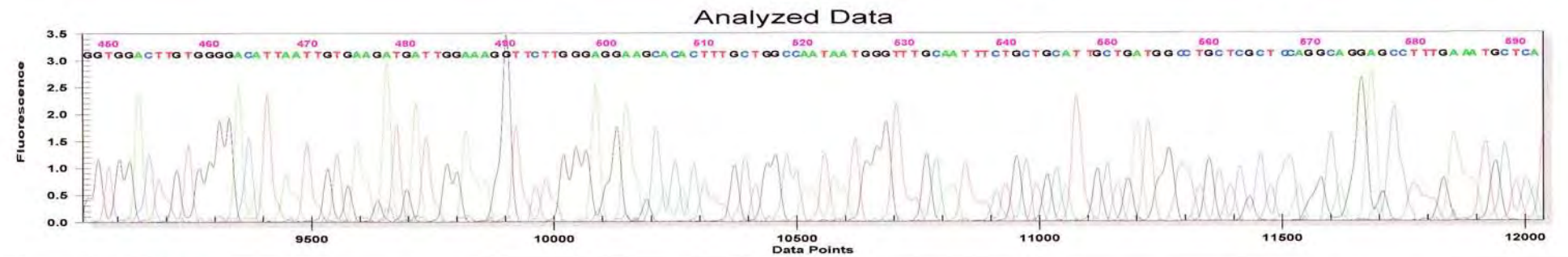
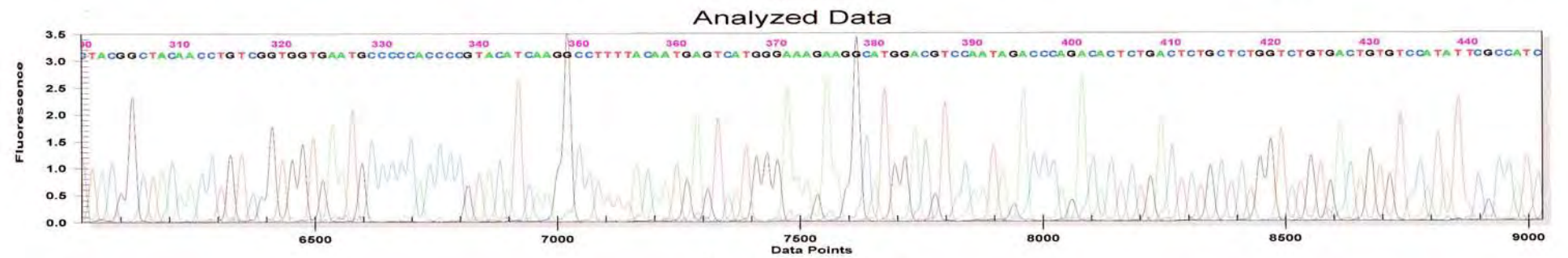
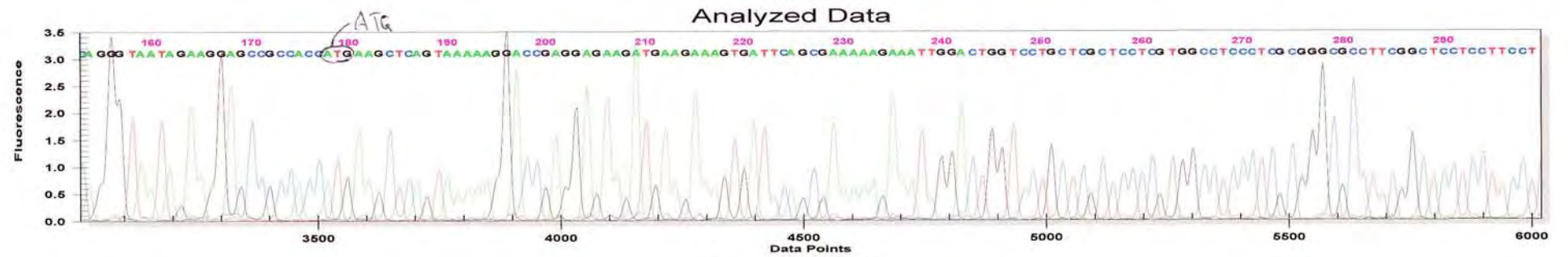
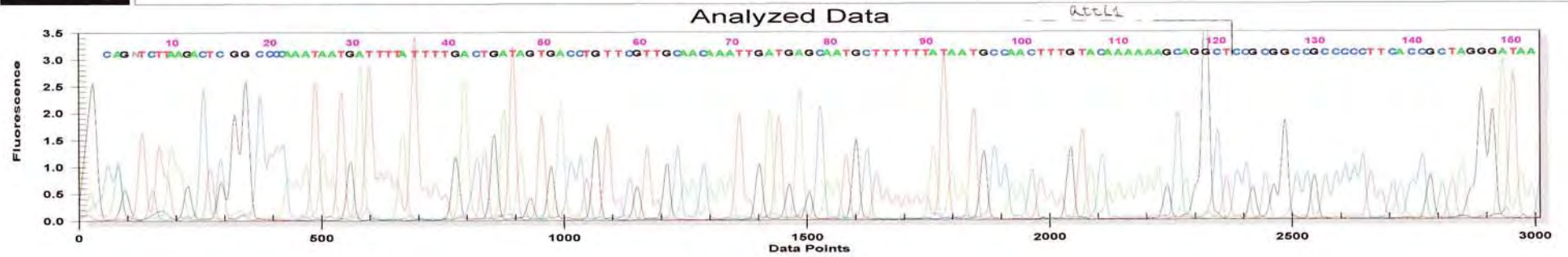
DNA (64.30 ng/ul)	88 ul
10 × TE	22.6 ul
dH ₂ O	115.9 ul
Total	226.3 ul



Project : GNP
Sample : W01A081A03_M13.C10_10081812FM
Result : W01A081A03_M13.C10_10081812FM

System : CEQ System

Operator : 2.100818.furu
Instrument : CEQ System (Ver. 9.0.25)

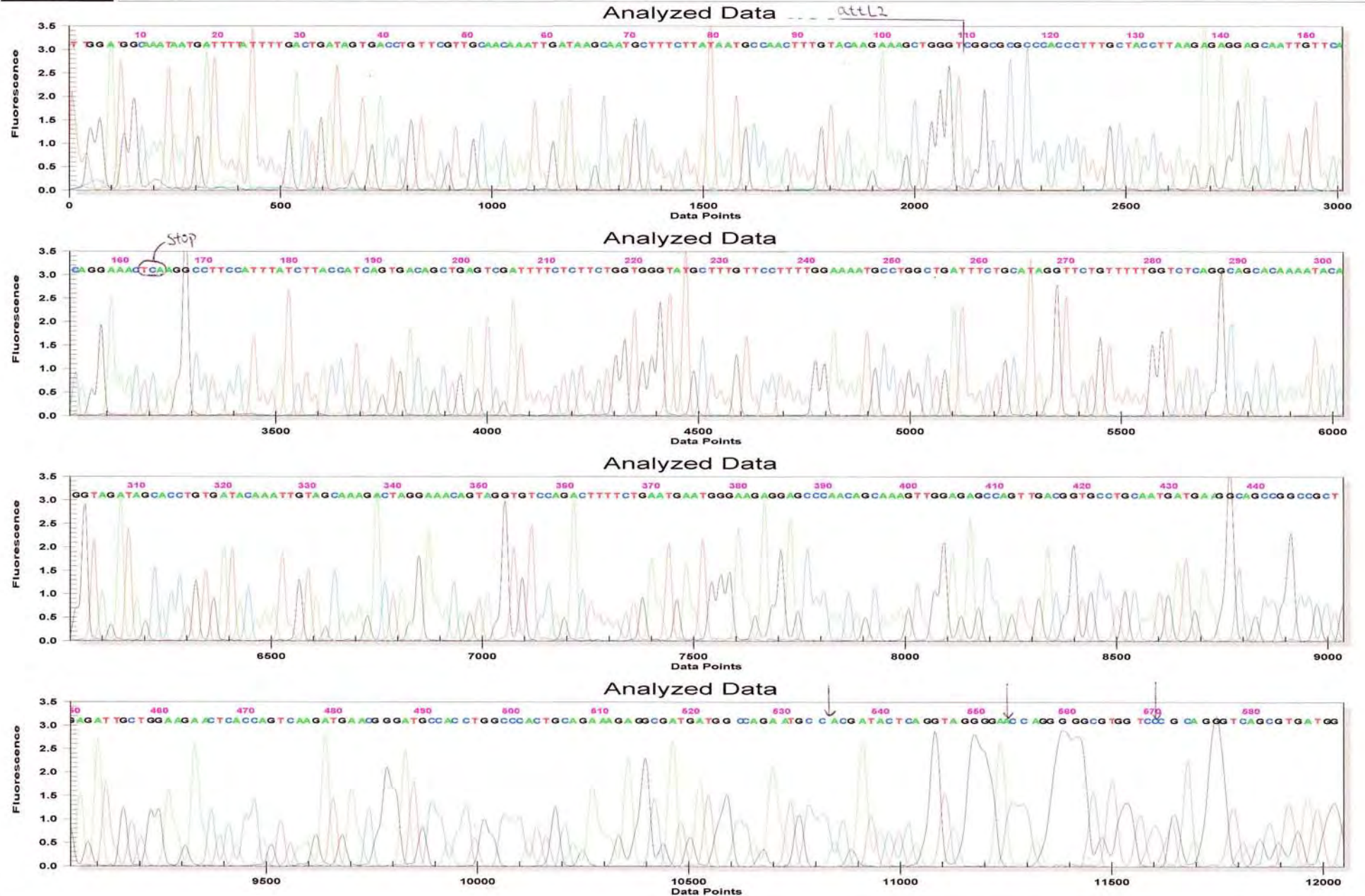




Project : GNP
Sample : W01A081A03_T7.D10_10081812FM
Result : W01A081A03_T7.D10_10081812FM

System : CEQ System

Operator : 2.100818.furu
Instrument : CEQ System (Ver. 9.0.25)



[GENETYX : Nucleotide Sequence Homology Data]

Date : 2010.08.18

1st Nucleotide Sequence

File Name : BC018897.2.gnu
Sequence Size : 1536

2nd Nucleotide Sequence

File Name : W01A081A03_M13.C10_10081812FM.fasta
Sequence Size : 659

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

[483 / 483 bp] INT/OPT.Score : < 1932/ 1932 >

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160'                                     ATGA
      ****
121" CCGCGGCCGC CCCCTTCACC GCTAGGGATA ACAGGGTAAT AGAAGGAGCC GCCACCATGA
164' ASCTCAGTAA AAAGGACCGA GGAGAAGATG AAGAAAGTGA TTCAGCGAAA AAGAAATTGG
      *****
181" AGCTCAGTAA AAAGGACCGA GGAGAAGATG AAGAAAGTGA TTCAGCGAAA AAGAAATTGG
324' ACTGGTCCTG CTCGCTCCTC GTGGCCTCCC TCGCGGGCGC CTTCGGCTCC TCCTTCCTCT
      *****
341" ACTGGTCCTG CTCGCTCCTC GTGGCCTCCC TCGCGGGCGC CTTCGGCTCC TCCTTCCTCT
284' ACGGCTACAA CTTGTCGGTG GTGAATGCCC CCACCCCGTA CATCAAGGCC TTTTACAATG
301" ACGGCTACAA CTTGTCGGTG GTGAATGCCC CCACCCCGTA CATCAAGGCC TTTTACAATG
344' AGTCATGGGA AAGAAGGCAT GGACGTCCAA TAGACCCAGA CACTCTGACT CTGCTCTGGT
      *****
361" AGTCATGGGA AAGAAGGCAT GGACGTCCAA TAGACCCAGA CACTCTGACT CTGCTCTGGT
404' CTGTGACTGT GTCCATATTC GCCATCGGTG GACTTGTGGG GACATTAATT GTGAAGATGA
      *****
421" CTGTGACTGT GTCCATATTC GCCATCGGTG GACTTGTGGG GACATTAATT GTGAAGATGA
464' TTGGAAAGST TCTTGGGAGG AAGCACACTT TGCTGGCCAA TAATGGGTTT GCAATTTCTG
      *****
481" TTGGAAAGST TCTTGGGAGG AAGCACACTT TGCTGGCCAA TAATGGGTTT GCAATTTCTG
524' CTGCATTGCT GATGGCCTGC TCGCTCCAGG CAGGAGCCTT TGAATGCTC ATCGTGGGAC
      *****
541" CTGCATTGCT GATGGCCTGC TCGCTCCAGG CAGGAGCCTT TGAATGCTC ATCGTGGGAC
584' GCTTCATCAT GGGCATAGAT GGAGGCGTCG CCTTCAGTGT GCTCCCCATG TACCTCAGTG
      *****
601" GCTTCATCAT GGGCATAGAT GGAGGCGTCG CCTTCAGTGT GCTCCCCATG TACCTCAGTG

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1st Nucleotide Sequence

File Name : BC018897.2.gnu
Sequence Size : 1536

2nd Nucleotide Sequence

File Name : W01A081A03_T7.D10_10081812FM.fasta (Complementary)
Sequence Size : 742

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

[558 / 582 bp] INT/OPT.Score : < 1480/ 2043 >

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1120' CTGGCAAAGA TCCC-ATACG TCA--CCTTG AGTACA-GGG GGCA-TCGAG ACTTT-GGCT
      * **** *
1"      A TCCCAATACG TCACCCCTGG AGTACAGGGG GGCATTGAA ACTTTGGGCT
1174' GCCGT-CTTC T--CTGGTTT GGTC-ATTGA GCACC-TGGG -ACGGAGACC CC-TCCTCAT
      *****
52" GCCGTCTTNC TCCTTGTTT GGTCAATTGA GCACCNTGGG ACGGAGACC CCTTCTCAA
1227' TGG-TGGC-T TTGGGCTCAT GGGCCTCTC TTTGGGACCC TCACCATCAC GCTGACCCTG
      * * *
112" TGGTTGGCTT TTGGGCTCAT GGGCCTCTC TTTGGGACCC TCACCATCAC GCTGACCCTG
1285' CAGSACCACG CCCCTGSGGT CCCCTACCTG AGTATCGTGG GCATTCTGGC CATCATCGCC
      *****
172" CGGGACCACG CCCCTGSGGT CCCCTACCTG AGTATCGT-G GCATTCTGGC CATCATCGCC
1345' TCTTCTGCA GTGGGCCAGG TGGCATCCCG TTCATCTTGA CTGGTGAGTT CPTCCAGCAA
      *****
231" TCTTCTGCA GTGGGCCAGG TGGCATCCCG TTCATCTTGA CTGGTGAGTT CPTCCAGCAA
1405' TCTCAGCGGC CGGCTGCCTT CATCATTGCA GGCACCGTCA ACTGGCTCTC CAACTTTGCT
      *****
291" TCTCAGCGGC CGGCTGCCTT CATCATTGCA GGCACCGTCA ACTGGCTCTC CAACTTTGCT
1465' GTTGGGCTCC TCTTCCCATT CATTAGAAA AGTCTGGACA CCTACTGTTT CTTAGTCTTT
      *****
351" GTTGGGCTCC TCTTCCCATT CATTAGAAA AGTCTGGACA CCTACTGTTT CTTAGTCTTT
1525' GGTACAATTT GTATCACAGG TGCTATCTAC CTGTATTTG TGCTGCCTGA GACCAAAAAC
      *****
411" GGTACAATTT GTATCACAGG TGCTATCTAC CTGTATTTG TGCTGCCTGA GACCAAAAAC
1585' AGAACCTATG CAGAAATCAG CCAGGCATT TCCAAAAGGA ACAAAGCATA CCCACCAGAA
      *****
471" AGAACCTATG CAGAAATCAG CCAGGCATT TCCAAAAGGA ACAAAGCATA CCCACCAGAA
1645' GAGAAAATCG ACTCAGTGT CACTGATGGT AAGATAAATG GAAGGCCTTA A
      *****
531" GAGAAAATCG ACTCAGTGT CACTGATGGT AAGATAAATG GAAGGCCTTG AGTTTCTGT

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