

Sales Nbr: 9922159

Order Date: 08/08/2013

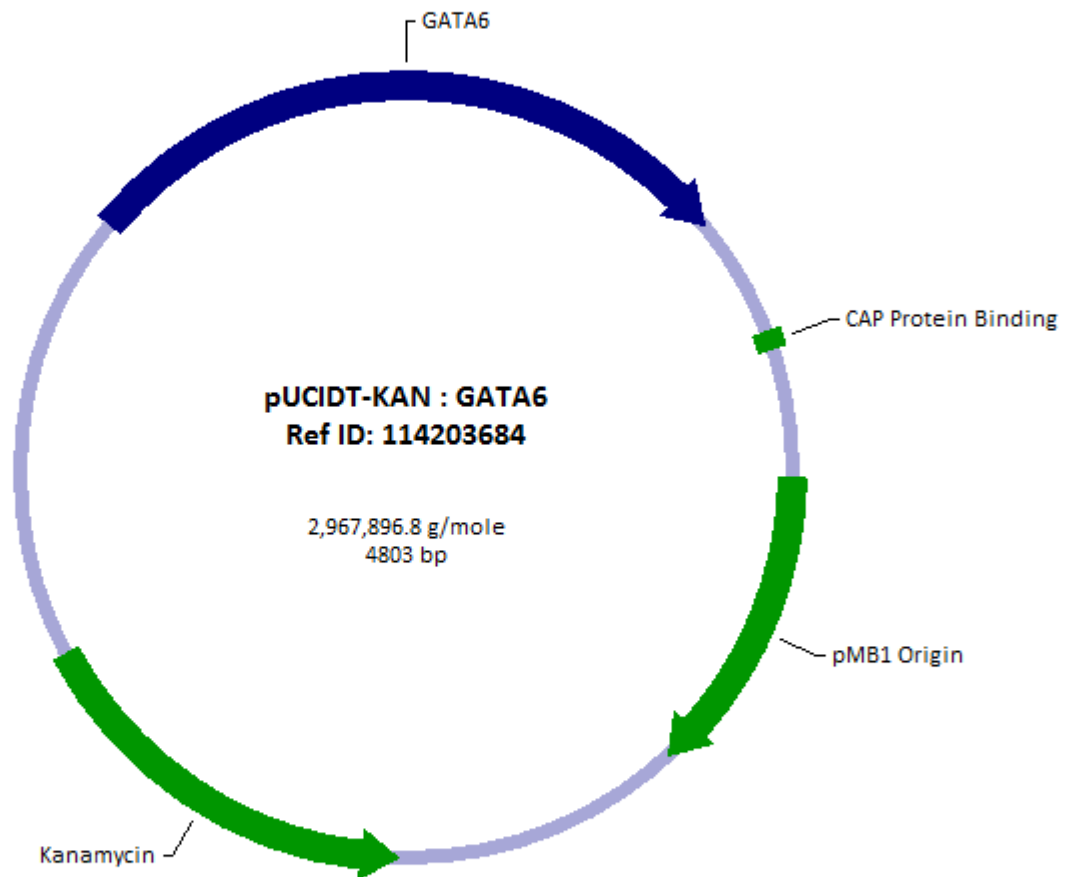
Ref ID: 114203684

Gene Name: pUCIDT-KAN : GATA6

Gene Size: 1344 bp

Plasmid Weight: 2,967,896.8 g/mole

Plasmid Map



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Restriction Enzyme Map

Name	Sequence	Recognition Sites	(* indicates methylation sensitive location)
AgeI	ACCGGT	730, 1559	
ApaI	GGGCC	833, 989, 1465	
ApaLI	GTGCAC	869, 2951	
AscI	GGCGCGCC	851	
AvaI	CYCGRG	1190, 2006, 2132	
BamHI	GGATCC	794, 2231, 2260	
BstBI	TTCGAA	745, 1403	
DraII	GGNCCY	832, 1396, 1464, 1465, 1488, 1616	
DraIII	CACNNGTG	174, 4788	
EagI	CGGCCG	888, 1092, 1304	
Ecl136II	GAGCTC	1443	
EcoRI	GAATTC	679, 1803	
HindIII	AAGCTT	1848, 2237	
NcoI	CCATGG	684, 1164, 1260, 1765	
NotI	GCGGCCGC	887	
NsiI	ATGCAT	1578, 4149, 4415	
Paer7I	CTCGAG	2132	
PspOMI	GGGCC	833, 989, 1465	
PstI	CTGCAG	1983	
PvuI	CGATCG	520, 765, 4264	
PvuII	CAGCTG	550, 2459	
SacI	GAGCTC	1443	
SacII	CCGCGG	900	
SmaI	CCCGGG	1190	
SphI	GCATGC	1580	
TliI	CTCGAG	2132	
TspMI	CCCGGG	1190	
XhoI	CTCGAG	2132	
XmaI	CCCGGG	1190	

No Cuts

Acc65I, Asp718I, AvrII, BglIII, BmgBI, BspDI, ClaI, EcoRV, HpaI, KpnI, MluI, NdeI, NheI, PacI, SalI, SnaBI, SpeI, XbaI

All restriction enzymes examined are reported.

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Sequence Detail

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00001  CCCCCCCCC CATGACATTA ACCTATAAAA ATAGGCGTAT CACGAGGCCA GCTTGGGAAA CCATAAGACC GAGATAGAGT
00081  TGAGTGTGTT TCCAGTTTTGG AACAAAGAGTC CACTATTAAA GAACGTGGAC TCCAACGTCA AAGGGCGAAA AACCGTCTAT
00161  CAGGGCGATG GCCCACTACG TGAACCATCA CCCAAATCAA GTTTTTTGGG GTCGAGGTGC CGTAAAGCAC TAAATCGGAA
00241  CCTAAAGGG AGCCCCGAT TTAGAGCTTG ACGGGGAAAG CCGGCGAACG TGGCGAGAAA GGAAGGGAAG AAAGCGAAAG
00321  GAGCGGGCGC TAAGGCGCTG GCAAGTGTAG CGGTCACGCT GCGCGTAACC ACCACACCCG CCGCGCTTAA TGCGCCGCTA
00401  CAGGGCGCGT ACTATGGTTG CTTTGACGTA TGCGGTGTGA AATACCGCAC AGATGCGTAA GGAGAAAATA CCGCATCAGG
00481  CGCCATTTCG CATTCAAGGCT GCGCAACTGT TGGGAAGGGC GATCGGTGCG GGCCTCTTCG CTATTACGCC AGCTGCGGAA
00561  AGGGGGATGT GCTGCAAGGC GATTAAGTTG GGTAACGCCA GGGTTTTTCC AGTCACGACG TTGTA AAAACG ACGGCCAGTG
00641  AATTGATCGA GATCGTGATC CGGATCAAGA TCCAGATCGA ATCCATGGT CTCAACTTTC ACAGGCTGTC GCCGTGCTCA
00721  TTTGATTGAA CCGGTCAGCT ACGGTTGCGA TCGTTCAGCG TCAGCGATCG ACGTCTGCTG ATCCGCTCGC ACCGGATCCA
00801  TGTACCAGAC CCTCGCCGCC CTGTCCAGCC AGGGGCCCGC CGTTTACGAC GCGCGCCCG GCGGCTTCGT GCACTCCGCA
00881  GCGGCGCGCG CCGCTGCCCG CGCGGCAGC AGCTCCCCCG TCTACGTGCC CACCACGCGC GTGGGTCCA TGCTGTCGG
00961  CCTCGCCTAC CTTCAAGGGG CAGCCCGCGG GCCCAGCAAT CACGCGGGCG GAGCGGTGTC CCACCAGGC TGGTCCAGG
01041  CTTCCGCGGA CTCCCCTCCG TATGCGGGG GTGCGCGAGC GCGCGCGCGC GCGGCCGAGC CTGGAGGTGC GGGATCGGCT
01121  ACGGCCACG CCTCTGCACG CTTTCCCTAC TCGCCAGCC CGCCATGGC CAACGCGCC GCGCGAGACC CCGGGGCTA
01201  CGTGGCTGCG GCGGCACGG GCGCAGGAG TGTGAGTGA GGTGGCGCA GCCTGGCGC CATGGGTGC CGGGAGCACC
01281  AGTACAGCTC GCTGTCCGCA GCTCGGCCG TGAACGGAAC GTACCACCAC CACCATACC ATCACCAGC CTACTCGCCC
01361  TACATGGCCG CACCGCTGAC TCCTGCCTGG CCAGCAGGAC CCTTCGAAAC GCCCGTGCTC CACAGCTTAC AGGGCCGCGC
01441  GGGAGCTCCA CTCCCCTGTC CACGGGGCCC CAGCACAGAC CTGTGGAGG ACCTGTGCGA GAGCCGCGAG TGCCTGAACT
01521  GCGGCTCCAT CCAGACGCCA CTGTGGAGAC GAGACGGCAC CGGTCATTAC CTGTGCAATG CATGCGGTCT CTACAGCAAG
01601  ATGAATGGCC TCAGCAGGCC CCTCATCAAG CCACAGAAGC GCGTGCCTTC ATCAGCGCG CTTGGACTGT CCTGTGCCAA
01681  CTGTACACAC ACAACCCTA CCTTATGGCG TAGAAAAGCT GAGGGTGAAC CTGTGTCAA TGCTGCGGG CTCTATATGA
01761  AACTCCATGG GGTGCCTCGA CCACTTGCTA TGA AAAAGT AGGAATCAA ACCAGGAAA GAAAACCTAA AAATATAAAT
01841  AAGTCAAAAG TCTGTCCGG TAACAGCAGT GGCTCTGTCC CTATAGCTCC TACTTCTCT TCTTCTAAT CATAGACTG
01921  CACCAAAAAT ACTTCTCCT CTACACAAGC GACCACCTCA GGGGTAGGG CATCAGTGAT GTCTGCAGTG GGAGAAAACG
02001  CCAACCCCGA GAACAGTGAC CTCAAGTATT CAGGTCAAGA CGGCCTCTAC ATAGGTGTCA GTCTGTCTC CCCTGCCGAA
02081  GTCACATCCT CCGTGCAGCA GGATTCTTGG TGTGCTCTGG CCCTGGCCTG ACTCGAGGGA TCGACGAGAG CAGCCGACT
02161  GGATCGGCAG CTACGGTAAG CTAAGGTCGT CAGCATCAGA AGGGATCTTG CTGCCGCCG AAAGGAGATA GGATCCAAGC
02241  TGTATCCAGA TCCCGATCTG GATCCAGATC CCGATCGCAG CTTGGCGTAA TCATGGTCAT AGCTGTTTCC TGTGTGAAAT
02321  TGTATCCCG TCACAATTCC ACACAACATA CGAGCCGGAA GCATAAAGTG TAAAGCCTGG GGTGCTAAT GAGTGAGCTA
02401  ACTCACATTA ATTGCGTTGC GCTCACTGCC CGTTTCCAG TCGGGAAACC TGTCGTGCA GCTGCATTAA TGAATCGGCC
02481  AACCGCGCGG GAGAGGCGGT TTGCGTATTG GCGCTCTTTC CGTTTCTCG CTCACTGACT CGCTGCGCTC GGTCGTTCCG
02561  CTGCGGCGAG CGGTATCAGC TCACTCAAAG CCGGTAATAC GGTATCCAC AGAATCAGG GATAACGCAG GAAAGAACAT
02641  GTGAGCAAAA GGCCAGCAAA AGGCCAGGAA CCGTAAAAAG GCGCGTTGC TGGCGTTTTT GATAGGCTC CGCCCCCTG
02721  ACGAGCATCA CAAAAATCGA CGCTCAAGTC AGAGGTGGCG AAACCCGACA GGAATAAAA GATACCAGGC GTTCCCCCT
02801  GGAAGCTCCC TCGTGCCTC TCCTGTTCGG ACCCTGCCGC TTACCGGATA CCTGTCCGC TTTCTCCCT CCGGAAGCGT
02881  GCGCTTTTCT CATAGCTCAC GCTGTAGGTA TCTCAGTTCG GTGTAGGTCG TTCGCTCAA GCTGGCTGT GTGCAGAAC
02961  CCCCCTTCA CCCCAGCCG TCGCCTTAT CCGGTAAC TA TCGTCTGAG TCCAACCCG TAAGACAGA CTTATCGCCA
03041  CTGGCAGCAG GCCACTGGTAA CAGGATTAGC AGAGCAGGAT ATGTAGGCGG TGTACAGAG TTCTGAAGT GTTGGCTAA
03121  CTACGGCTAC ACTAGAAGAA CAGTATTTGG TATCTGCGCT CTGCTGAAGC CAGTTACCTT CGGAAAAAGA GTTGGTAGCT
03201  CTTGATCCGG CAAACAAACC ACCGCTGGTA GCGGTGTTTT TTTTGTGTC AAGCAGCAGA TTACGCGCAG AAAAAAGGA
03281  TCTCAAGAAG ATCCTTTGAT CTTTTTCTACG GGGTCTGAGC CTCAGTGGAA CGAAAACCTA CGTTAAGGGA TTTTGGTCAT
03361  GAGATTATCA AAAAGGATCT TCACCTAGAT CCTTTAAAT TAAAAATGAA GTTTTAAATC AATCTAAAGT ATATATGAGT
03441  AAACCTGGTC TGACAGTTAC CAATGCTTAA TCAGTGAGGC ACCTATCTCA ACCTATCTCA GCGATCTGTC TATTTGCTT ATCCATAGTT
03521  GCCTGACTCC CCGTCGTGTA GATAACTACG ATACGGGAGG GCTTACCATC TGGCCCCAGT GCTGCAATGA TACCGCAGCT
03601  TGGGAAACCA TAAGAGCTGA AGCCAGTTAC CTTCCGAAAA AGAGTTGGTA GCTCTTGATC CGGCAAACAA ACCACCGCTG
03681  GTAGCGGTG TTTTTTTGTT TGCAAGCAGC AGATTACCGG CAGAAAAAAA GGATCTCAAG AAGATCCTTT GATCTTTTCT
03761  ACGGGGTGTC ACGCTCAGT GAACGAAAA TCACGTTAAG GGTATTTGGT CATGAGCTTG CGCCGTCGCT CTAAGTCAGC
03841  GTAATGCTCT CCAATGTTA CAACCAATTA ACCAATCTG ATTAGAAAA CTCATCGAGC ATCAAAATGAA ACTGCAATTT
03921  ATTACATCA GGATTATCAA TACCATATTT TTGAAAAAGC CGTTTCTGTA ATGAAGGAGA AAACCTACCG AGGCAGTTCC
04001  ATAGGATGGC AAGATCCTGG TATCGGTCTG CGATTCCGAC TCGTCCAACA TCAATACAAC CTATTAATTT CCCCTCGTCA
04081  AAAATAAGGT TATCAAGTGA GAAATCACCA TGAGTGACGA CTGAATCCGG TGAGAATGGC AAAAGTTTAT GCATTTCTTT
04161  CCAGCTTGT TCAACAGGCC AGCCATTAC CTGTCATCA AAACACTCG CATCAACCA ACCGTTATTC ATTCGTGATT
04241  GCGACTGAGC AAGACGAAAT ACGCATCGC TGTTAAAAGG ACAATTACAA ACAGGAATCG AATGCAACCG CCGTAGCAAC
04321  ACTGCCAGCG CATCAACAAT ATTTTACCT GAATCAGGAT ATTCTTCTAA TACCTGGAAT GCTGTTTTTC CGGGATCGC
04401  AGTGGTGAAG AACCATGCAT CATCAGGAGT ACGGATAAAA TGCTTGATGG TCGGAAGAGG CATAAATTC GTCCAGCAGT
04481  TTAGTCTGAC CATCTCATCT GTAACATCAT TGGCAACGCT ACCTTTGCCA TGTTTCAGAA ACAACTCTGG CGCATCGGGC
04561  TTCCCATACA AGCAGTAGAT TGTGCACTT GATTGCCGGA CATTATCGCG AGCCCATTTA TACCCATATA AATCAGCATC

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04641 CATGTTGGAA TTTAATCGCG GCCTCGACGT TTCCCGTTGA ATATGGCTCA TAACACCCCT TGTATTACTG TTTATGTAAG
04721 CAGACAGTTT TATTGTTTCAT GATGATATAT TTTTATCTTG TGCAATGTAA CATCAGAGAT TTTGAGACAC AACGTGGCTT
04801 TCC

Only the synthesized DNA fragment (in blue) has been sequence verified and IDT does not guarantee the correctness of the vector sequence.



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