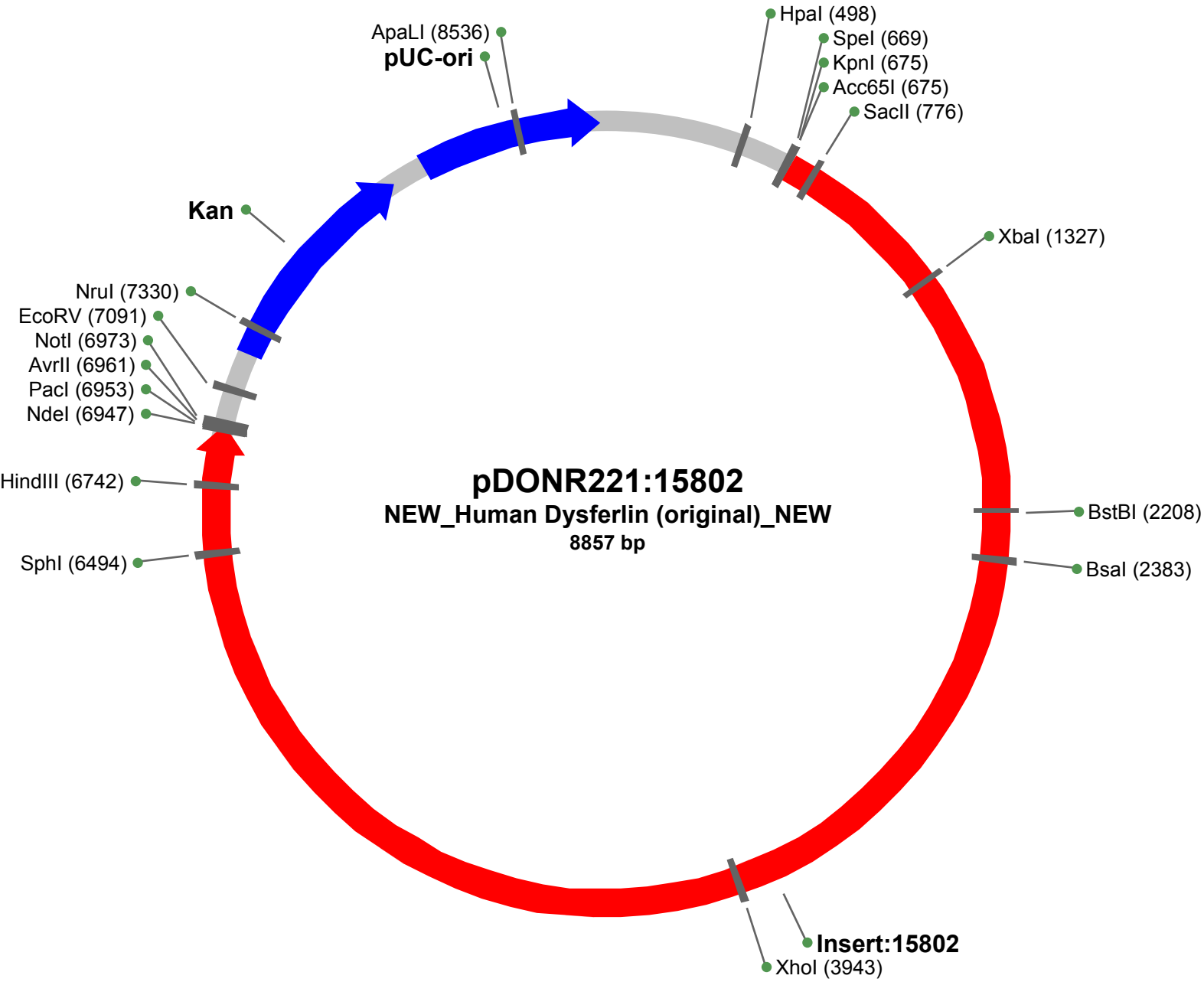
DNA 2.0

Plasmid Map

pDONR221:15802 - NEW_Human Dysferlin (original)_NEW

Only single cutters are shown in the map, for a more complete list see table below.

pDONR221 is a Gateway® vector



DNA2.0 Inc.
1430 OBrien Drive, Suite E
Menlo Park, CA, 94025

1-877-DNA-TOGO (Toll free)
1-650-853-8347 (Phone)
1-650-853-8351 (Fax)

info@dna20.com
www.dna20.com

Original Author

DNA2.0, Inc.
1430 OBrien Drive, Suite E
Menlo Park, CA 94025-1438
1-877-DNA-TOGO (Toll free) 1-650-853-8351 (Fax)
info@dna20.com
www.dna20.com

Feature Map

- Insert:15802 - Start:682 End:6968
- Kan - Start:7251 End:8060
- pUC-ori - Start:8180 End:8854

Restriction Map

Name	Sequence	Cut Positions
Acc65I	GGTACC	676
AlwNI	CAGNNNCTG	1679,2198,2872,2920,4355,5980,8442
ApaI	GGGCCC	567,2262,4048,5936
ApaLI	GTGCAC	8537
AvaI	CYCGRG	560,1240,1295,1595,3944,4185
AvrII	CCTAGG	6962
BamHI	GGATCC	1461,4593,5913
BbsI	GAAGAC	1182,1785,2015,3515,4016,4268,5070,5376,437(C),706(C),1849(C)
BglI	GCCNNNNNGGC	2792,3672,4935
BglII	AGATCT	1914,1998,4329,5514,6429
BsaI	GGTCTC	2378(C)
BsmBI	CGTCTC	4096,4243,7692,914(C),5678(C)
BspEI	TCCGGA	1605,3502,4824
BsrDI	GCAATG	632,6357(C),7019(C),7174(C)
BstBI	TTCGAA	2210
BstXI	CCANNNNNNTGG	2395,2738,2908,3675,4375,4565,4774,6925
BtsI	GCAGTG	214,2804,7624,2042(C),7537(C)
ClaI	ATCGAT	4920,5127
EagI	CGGCCG	693,3465,6975
EcoRV	GATATC	7094
HindIII	AAGCTT	6743
HpaI	GTTAAC	501
KasI	GGCGCC	1389,3236,3984,6759
KpnI	GGTACC	680
MluI	ACGCGT	230,8155
NdeI	CATATG	6949
NheI	GCTAGC	239,505
NotI	GCGGCCGC	6975
NruI	TCGCGA	7333
PacI	TTAATTAA	6958

PstI	CTGCAG	1062,1441,2194,2517,2864,3004,3099,4024,5475,6027,6054,6480
PvuI	CGATCG	692,7676
PvuII	CAGCTG	174,1396,2734,2836,2929,4025,4747,5227,5410,6341,6541,6942,7089
SacI	GAGCTC	2328,2850,2997,4530,4890
SacII	CCGCGG	780
SalI	GTCGAC	5693,6062
SanDI	GGGWCCC	3784,5423
SpeI	ACTAGT	670
SphI	GCATGC	6499
XbaI	TCTAGA	1328
XhoI	CTCGAG	3944
XmaI	CCCGGG	1240,1295,4185

No Cuts: AgeI, AscI, EcoRI, MfeI, NcoI, SfiI, SnaBI

DNA2.0 Inc.
1430 OBrien Drive, Suite E
Menlo Park, CA, 94025

1-877-DNA-TOGO (Toll free)
1-650-853-8347 (Phone)
1-650-853-8351 (Fax)

info@dna20.com
www.dna20.com

Sequence

```
   1 CTTTCCTGCG TTATCCCCTG ATTCTGTGGA TAACCGTATT ACCGCCTTTG AGTGAGCTGA TACCGCTCGC
  71 CGCAGCCGAA CGACCGAGCG CAGCGAGTCA GTGAGCGAGG AAGCGGAAGA GCGCCCAATA CGCAAACCGC
 141 CTCTCCCCGC GCGTTGGCCG ATTCATTAAT GCAGCTGGCA CGACAGGTTT CCCGACTGGA AAGCGGGCAG
 211 TGAGCGCAAC GCAATTAATA CGCGTACCGC TAGCCAGGAA GAGTTTGTAG AAACGCAAAA AGGCCATCCG
 281 TCAGGATGGC CTTCTGCTTA GTTTGATGCC TGGCAGTTTA TGGCGGGCGT CCTGCCCGCC ACCCTCCGGG
 351 CCGTTGCTTC ACAACGTTCA AATCCGCTCC CGGCGGATTT GTCCTACTCA GGAGAGCGTT CACCGACAAA
 421 CAACAGATAA AACGAAAGGC CCAGTCTTCC GACTGAGCCT TTCGTTTTAT TTGATGCCTG GCAGTTCCCT
 491 ACTCTCGCGT TAACGCTAGC ATGGATGTTT TCCCAGTCAC GACGTTGTAA AACGACGGCC AGTCTTAAGC
 561 TCGGGCCCCA AATAATGATT TTATTTTGAC TGATAGTGAC CTGTTCGTTG CAACACATTG ATGAGCAATG
 631 CTTTTTTATA ATGCCAACTT TGTACAAAAA AGCAGGCTCA CTAGTGGTAC CGTTTAAACG ATCGGCCGCC
 701 ACCATGCTGA GGGTCTTCAT CCTCTATGCC GAGAACGTCC ACACACCCGA CACCGACATC AGCGATGCCT
 771 ACTGCTCCGC GGTGTTTGCA GGGGTGAAGA AGAGAACCAA AGTCATCAAG AACAGCGTGA ACCCTGTATG
 841 GAATGAGGGA TTTGAATGGG ACCTCAAGGG CATCCCCCTG GACCAGGGCT CTGAGCTTCA TGTGGTGGTC
 911 AAAGACCATG AGACGATGGG GAGGAACAGG TTCCTGGGGG AAGCCAAGGT CCCACTCCGA GAGGTCCTCG
 981 CCACCCCTAG TCTGTCCGCC AGCTTCAATG CCCCCCTGCT GGACACCAAG AAGCAGCCCA CAGGGGCCTC
1051 GCTGGTCCTG CAGGTGTCCT ACACACCGCT GCCTGGAGCT GTGCCCCTGT TCCCGCCCCC TACTCCTCTG
1121 GAGCCCTCCC CGACTCTGCC TGACCTGGAT GTAGTGGCAG ACACAGGAGG AGAGGAAGAC ACAGAGGACC
1191 AGGGACTCAC TGGAGATGAG GCGGAGCCAT TCCTGGATCA AAGCGGAGGC CCGGGGGCTC CCACCACCCC
1261 AAGGAAACTA CCTTCACGTC CTCCGCCCCA CTACCCCGGG ATCAAAAGAA AGCGAAGTGC GCCTACATCT
1331 AGAAAGCTGC TGTCAGACAA ACCGCAGGAT TTCCAGATCA GGGTCCAGGT GATCGAGGGG CGCCAGCTGC
1401 CGGGGGTGAA CATCAAGCCT GTGGTCAAGG TTACCGCTGC AGGGCAGACC AAGCGGACGC GGATCCACAA
1471 GGGAAACAGC CCACTCTTCA ATGAGACTCT TTTCTTCAAC TTGTTTGACT CTCCTGGGGA GCTGTTTGAT
1541 GAGCCCATCT TTATCACGGT GGTAGACTCT CGTTCTCTCA GGACAGATGC TCTCCTCGGG GAGTTCCGGA
1611 TGGACGTGGG CACCATTTAC AGAGAGCCCC GGCACGCCTA TCTCAGGAAG TGGCTGCTGC TCTCAGACCC
1681 TGATGACTTC TCTGCTGGGG CCAGAGGCTA CCTGAAAACA AGCCTTTGTG TGCTGGGGCC TGGGGACGAA
1751 GCGCCTCTGG AGAGAAAAGA CCCCTCTGAA GACAAGGAGG ACATTGAAAG CAACCTGCTC CGGCCCACAG
1821 GCGTAGCCCT GCGAGGAGCC CACTTCTGCC TGAAGGTCTT CCGGGCCGAG GACTTGCCGC AGATGGACGA
1891 TGCCGTGATG GACAACGTGA AACAGATCTT TGGCTTCGAG AGTAACAAGA AGAACTTGGT GGACCCCTTT
1961 GTGGAGGTCA GCTTTGCGGG GAAAATGCTG TGCAGCAAGA TCTTGGAGAA GACGGCCAAC CCTCAGTGGA
2031 ACCAGAACAT CACACTGCCT GCCATGTTTC CCTCCATGTG CGAAAAAATG AGGATTCGTA TCATAGACTG
2101 GGACCGCCTG ACTCACAATG ACATCGTGGC TACCACCTAC CTGAGTATGT CGAAAATCTC TGCCCCTGGA
2171 GGAGAAATAG AAGAGGAGCC TGCAGGTGCT GTCAAGCCTT CGAAAGCCTC AGACTTGGAT GACTACCTGG
2241 GCTTCCTCCC CACTTTTGGG CCCTGCTACA TCAACCTCTA TGGCAGTCCC AGAGAGTTCA CAGGCTTCCC
2311 AGACCCCTAC ACAGAGCTCA ACACAGGCAA GGGGGAAGGT GTGGCTTATC GTGGCCGGCT TCTGCTCTCC
2381 CTGGAGACCA AGCTGGTGGA GCACAGTGAA CAGAAGGTGG AGGACCTTCC TGCGGATGAC ATCCTCCGGG
2451 TGGAGAAGTA CCTTAGGAGG CGCAAGTACT CCCTGTTTGC GGCCTTCTAC TCAGCCACCA TGCTGCAGGA
2521 TGTGGATGAT GCCATCCAGT TTGAGGTCAG CATCGGGAAC TACGGGAACA AGTTCGACAT GACCTGCCTG
2591 CCGCTGGCCT CCACCACTCA GTACAGCCGT GCAGTCTTTG ACGGGTGCCA CTACTACTAC CTACCCTGGG
2661 GTAACGTGAA ACCTGTGGTG GTGCTGTCAT CCTACTGGGA GGACATCAGC CATAGAATCG AGACTCAGAA
2731 CCAGCTGCTT GGGATTGCTG ACCGGCTGGA AGCTGGCCTG GAGCAGGTCC ACCTGGCCCT GAAGGCGCAG
2801 TGCTCCACGG AGGACGTGGA CTCGCTGGTG GCTCAGCTGA CGGATGAGCT CATCGCAGGC TGCAGCCAGC
2871 CTCTGGGTGA CATCCATGAG ACACCCTCTG CCACCCACCT GGACCAGTAC CTGTACCAGC TGCGCACCCA
2941 TCACCTGAGC CAAATCACTG AGGCTGCCCT GGCCCTGAAG CTCGGCCACA GTGAGCTCCC TGCAGCTCTG
3011 GAGCAGGCGG AGGACTGGCT CCTGCGTCTG CGTGCCCTGG CAGAGGAGCC CCAGAACAGC CTGCCGGACA
3081 TCGTCATCTG GATGCTGCAG GGAGACAAGC GTGTGGCATA CCAGCGGGTG CCCGCCCACC AAGTCCTCTT
3151 CTCCCGGCGG GGTGCCAACT ACTGTGGCAA GAATTGTGGG AAGCTACAGA CAATCTTTCT GAAATATCCG
3221 ATGGAGAAGG TGCCTGGCGC CCGGATGCCA GTGCAGATAC GGGTCAAGCT GTGGTTTGGG CTCTCTGTGG
3291 ATGAGAAGGA GTTCAACCAG TTTGCTGAGG GGAAGCTGTC TGTCTTTGCT GAAACCTATG AGAACGAGAC
3361 TAAGTTGGCC CTTGTTGGGA ACTGGGGCAC AACGGGCCTC ACCTACCCCA AGTTTTCTGA CGTCACGGGC
3431 AAGATCAAGC TACCCAAGGA CAGCTTCCGC CCCTCGGCCG GCTGGACCTG GGCTGGAGAT TGGTTCGTGT
3501 GTCCGGAGAA GACTCTGCTC CATGACATGG ACGCCGGTCA CCTGAGCTTC GTGGAAGAGG TGTTTGAGAA
3571 CCAGACCCGG CTTCCCGGAG GCCAGTGGAT CTACATGAGT GACAACTACA CCGATGTGAA CGGGGAGAAG
3641 GTGCTTCCCA AGGATGACAT TGAGTGCCCA CTGGGCTGGA AGTGGGAAGA TGAGGAATGG TCCACAGACC
3711 TCAACCGGGC TGTCGATGAG CAAGGCTGGG AGTATAGCAT CACCATCCCC CCGGAGCGGA AGCCGAAGCA
3781 CTGGGTCCCT GCTGAGAAGA TGTACTACAC ACACCGACGG CGGCGCTGGG TGCGCCTGCG CAGGAGGGAT
3851 CTCAGCCAAA TGGAAGCACT GAAAAGGCAC AGGCAGGCGG AGGCGGAGGG CGAGGGCTGG GAGTACGCCT
3921 CTCTTTTTGG CTGGAAGTTC CACCTCGAGT ACCGCAAGAC AGATGCCTTC CGCCGCCGCC GCTGGCGCCG
3991 TCGCATGGAG CCACTGGAGA AGACGGGGCC TGCAGCTGTG TTTGCCCTTG AGGGGGCCCT GGGCGGCGTG
4061 ATGGATGACA AGAGTGAAGA TTCCATGTCC GTCTCCACCT TGAGCTTCGG TGTGAACAGA CCCACGATTT
4131 CCTGCATATT CGACTATGGG AACCGCTACC ATCTACGCTG CTACATGTAC CAGGCCCGGG ACCTGGCTGC
4201 GATGGACAAG GACTCTTTTT CTGATCCCTA TGCCATCGTC TCCTTCCTGC ACCAGAGCCA GAAGACGGTG
4271 GTGGTGAAGA ACACCCTTAA CCCCACCTGG GACCAGACGC TCATCTTCTA CGAGATCGAG ATCTTTGGCG
4341 AGCCGGCCAC AGTTGCTGAG CAACCGCCCA GCATTGTGGT GGAGCTGTAC GACCATGACA CTTATGGTGC
4411 AGACGAGTTT ATGGGTCGCT GCATCTGTCA ACCGAGTCTG GAACGGATGC CACGGCTGGC CTGGTTCCCA
4481 CTGACGAGGG GCAGCCAGCC GTCGGGGGAG CTGCTGGCCT CTTTTGAGCT CATCCAGAGA GAGAAGCCGG
4551 CCATCCACCA TATTCCTGGT TTTGAGGTGC AGGAGACATC AAGGATCCTG GATGAGTCTG AGGACACAGA
4621 CCTGCCCTAC CCACCACCCC AGAGGGAGGC CAACATCTAC ATGGTTCCTC AGAACATCAA GCCAGCGCTC
4691 CAGCGTACCG CCATCGAGAT CCTGGCATGG GGCCTGCGGA ACATGAAGAG TTACCAGCTG GCCAACATCT
4761 CCTCCCCCAG CCTCGTGGTA GAGTGTGGGG GCCAGACGGT GCAGTCCTGT GTCATCAGGA ACCTCCGGAA
4831 GAACCCCAAC TTTGACATCT GCACCCTCTT CATGGAAGTG ATGCTGCCCA GGGAGGAGCT CTACTGCCCC
4901 CCCATCACCG TCAAGGTCAT CGATAACCGC CAGTTTGGCC GCCGGCCTGT GGTGGGCCAG TGTACCATCC
4971 GCTCCCTGGA GAGCTTCCTG TGTGACCCCT ACTCGGCGGA GAGTCCATCC CCACAGGGTG GCCCAGACGA
5041 TGTGAGCCTA CTCAGTCCTG GGGAAGACGT GCTCATCGAC ATTGATGACA AGGAGCCCCT CATCCCCATC
```

DNA2.0 Inc.
1430 OBrien Drive, Suite E
Menlo Park, CA, 94025

1-877-DNA-TOGO (Toll free)
1-650-853-8347 (Phone)
1-650-853-8351 (Fax)

info@dna20.com
www.dna20.com

```
5111 CAGGAGGAAG AGTTCATCGA TTGGTGGAGC AAATTCTTTG CCTCCATAGG GGAGAGGGAA AAGTGCGGCT
5181 CCTACCTGGA GAAGGATTTT GACACCCTGA AGGTCTATGA CACACAGCTG GAGAATGTGG AGGCCTTTGA
5251 GGGCCTGTCT GACTTTTGTA ACACCTTCAA GCTGTACCGG GGCAAGACGC AGGAGGAGAC AGAAGATCCA
5321 TCTGTGATTG GTGAATTTAA GGGCCTCTTC AAAATTTATC CCCTCCCAGA AGACCCAGCC ATCCCCATGC
5391 CCCCAAGACA GTTCCACCAG CTGGCCGCCC AGGGACCCCA GGAGTGCTTG GTCCGTATCT ACATTGTCCG
5461 AGCATTTGGC CTGCAGCCCA AGGACCCCAA TGGAAAGTGT GATCCTTACA TCAAGATCTC CATAGGGAAG
5531 AAATCAGTGA GTGACCAGGA TAACTACATC CCCTGCACGC TGGAGCCCGT ATTTGGAAAG ATGTTCGAGC
5601 TGACCTGCAC TCTGCCTCTG GAGAAGGACC TAAAGATCAC TCTCTATGAC TATGACCTCC TCTCCAAGGA
5671 CGAAAAGATC GGTGAGACGG TCGTCGACCT GGAGAACAGG CTGCTGTCCA AGTTTGGGGC TCGCTGTGGA
5741 CTCCCACAGA CCTACTGTGT CTCTGGACCG AACCAGTGGC GGGACCAGCT CCGCCCCTCC CAGCTCCTCC
5811 ACCTCTTCTG CCAGCAGCAT AGAGTCAAGG CACCTGTGTA CCGGACAGAC CGTGTAATGT TTCAGGATAA
5881 AGAATATTCC ATTGAAGAGA TAGAGGCTGG CAGGATCCCA AACCCACACC TGGGCCCAGT GGAGGAGCGT
5951 CTGGCTCTGC ATGTGCTTCA GCAGCAGGGC CTGGTCCCGG AGCACGTGGA GTCACGGCCC CTCTACAGCC
6021 CCCTGCAGCC AGACATCGAG CAGGGGAAGC TGCAGATGTG GGTCGACCTA TTTCCGAAGG CCCTGGGGCG
6091 GCCTGGACCT CCCTTCAACA TCACCCCACG GAGAGCCAGA AGGTTTTTCC TGCGTTGTAT TATCTGGAAT
6161 ACCAGAGATG TGATCCTGGA TGACCTGAGC CTCACGGGGG AGAAGATGAG CGACATTTAT GTGAAAGGTT
6231 GGATGATTGG CTTTGAAGAA CACAAGCAAA AGACAGACGT GCATTATCGT TCCCTGGGAG GTGAAGGCAA
6301 CTTCAACTGG AGGTTCATTT TCCCCTTCGA CTACCTGCCA GCTGAGCAAG TCTGTACCAT TGCCAAGAAG
6371 GATGCCTTCT GGAGGCTGGA CAAGACTGAG AGCAAAATCC CAGCACGAGT GGTGTTCCAG ATCTGGGACA
6441 ATGACAAGTT CTCCTTTGAT GATTTTCTGG GCTCCCTGCA GCTCGATCTC AACCGCATGC CCAAGCCAGC
6511 CAAGACAGCC AAGAAGTGCT CCTTGGACCA GCTGGATGAT GCTTTCCACC CAGAATGGTT TGTGTCCCTT
6581 TTTGAGCAGA AAACAGTGAA GGGCTGGTGG CCCTGTGTAG CAGAAGAGGG TGAGAAGAAA ATACTGGCGG
6651 GCAAGCTGGA AATGACCTTG GAGATTGTAG CAGAGAGTGA GCATGAGGAG CGGCCTGCTG GCCAGGGCCG
6721 GGATGAGCCC AACATGAACC CTAAGCTTGA GGACCCAAGG CGCCCCGACA CCTCCTTCCT GTGGTTTACC
6791 TCCCCATACA AGACCATGAA GTTCATCCTG TGGCGGCGTT TCCGGTGGGC CATCATCCTC TTCATCATCC
6861 TCTTCATCCT GCTGCTGTTC CTGGCCATCT TCATCTACGC CTTCCCGAAC TATGCTGCCA TGAAGCTGGT
6931 GAAGCCCTTC AGCTGAGCAT ATGTTAATTA ACCTAGGTTA TAAGCGGCCG CACCCAGCTT TCTTGTACAA
7001 AGTTGGCATT ATAAGAAAGC ATTGCTTATC AATTTGTTGC AACGAACAGG TCACTATCAG TCAAAATAAA
7071 ATCATTATTT GCCATCCAGC TGATATCCCC TATAGTGAGT CGTATTACAT GGTCATAGCT GTTTCCTGGC
7141 AGCTCTGGCC CGTGTCTCAA AATCTCTGAT GTTACATTGC ACAAGATAAA ATAATATCAT CATGAACAAT
7211 AAAACTGTCT GCTTACATAA ACAGTAATAC AAGGGGTGTT ATGAGCCATA TTCAACGGGA AACGTCGAGG
7281 CCGCGATTAA ATTCCAACAT GGATGCTGAT TTATATGGGT ATAAATGGGC TCGCGATAAT GTCGGGCAAT
7351 CAGGTGCGAC AATCTATCGC TTGTATGGGA AGCCCGATGC GCCAGAGTTG TTTCTGAAAC ATGGCAAAGG
7421 TAGCGTTGCC AATGATGTTA CAGATGAGAT GGTCAGACTA AACTGGCTGA CGGAATTTAT GCCTCTTCCG
7491 ACCATCAAGC ATTTTATCCG TACTCCTGAT GATGCATGGT TACTCACCAC TGCGATCCCC GGAAAAACAG
7561 CATTCCAGGT ATTAGAAGAA TATCCTGATT CAGGTGAAAA TATTGTTGAT GCGCTGGCAG TGTTCCTGCG
7631 CCGGTTGCAT TCGATTCCTG TTTGTAATTG TCCTTTTAAC AGCGATCGCG TATTTCGTCT CGCTCAGGCG
7701 CAATCACGAA TGAATAACGG TTTGGTTGAT GCGAGTGATT TTGATGACGA GCGTAATGGC TGGCCTGTTG
7771 AACAAGTCTG GAAAGAAATG CATAAACTTT TGCCATTCTC ACCGGATTCA GTCGTCACTC ATGGTGATTT
7841 CTCACTTGAT AACCTTATTT TTGACGAGGG GAAATTAATA GGTTGTATTG ATGTTGGACG AGTCGGAATC
7911 GCAGACCGAT ACCAGGATCT TGCCATCCTA TGGAACTGCC TCGGTGAGTT TTCTCCTTCA TTACAGAAAC
7981 GGCTTTTTCA AAAATATGGT ATTGATAATC CTGATATGAA TAAATTGCAG TTTCATTTGA TGCTCGATGA
8051 GTTTTTCTAA TCAGAATTGG TTAATTGGTT GTAACACTGG CAGAGCATTA CGCTGACTTG ACGGGACGGC
8121 GCAAGCTCAT GACCAAAATC CCTTAACGTG AGTTACGCGT CGTTCCACTG AGCGTCAGAC CCCGTAGAAA
8191 AGATCAAAGG ATCTTCTTGA GATCCTTTTT TTCTGCGCGT AATCTGCTGC TTGCAAACAA AAAAACCACC
8261 GCTACCAGCG GTGGTTTGTT TGCCGGATCA AGAGCTACCA ACTCTTTTTC CGAAGGTAAC TGGCTTCAGC
8331 AGAGCGCAGA TACCAAATAC TGTTCTTCTA GTGTAGCCGT AGTTAGGCCA CCACTTCAAG AACTCTGTAG
8401 CACCGCCTAC ATACCTCGCT CTGCTAATCC TGTTACCAGT GGCTGCTGCC AGTGGCGATA AGTCGTGTCT
8471 TACCGGGTTG GACTCAAGAC GATAGTTACC GGATAAGGCG CAGCGGTCGG GCTGAACGGG GGGTTCGTGC
8541 ACACAGCCCA GCTTGGAGCG AACGACCTAC ACCGAACTGA GATACCTACA GCGTGAGCTA TGAGAAAGCG
8611 CCACGCTTCC CGAAGGGAGA AAGGCGGACA GGTATCCGGT AAGCGGCAGG GTCGGAACAG GAGAGCGCAC
8681 GAGGGAGCTT CCAGGGGGAA ACGCCTGGTA TCTTTATAGT CCTGTCGGGT TTCGCCACCT CTGACTTGAG
8751 CGTCGATTTT TGTGATGCTC GTCAGGGGGG CGGAGCCTAT GGAAAAACGC CAGCAACGCG GCCTTTTTAC
8821 GGTTCCTGGC CTTTTGCTGG CCTTTTGCTC ACATGTT
```

Only the synthesized DNA fragment (in red) has been sequence verified. We do not guarantee the vector sequence.

DNA2.0 Inc.
1430 OBrien Drive, Suite E
Menlo Park, CA, 94025

1-877-DNA-TOGO (Toll free)
1-650-853-8347 (Phone)
1-650-853-8351 (Fax)

info@dna20.com
www.dna20.com